
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

ACTIVE POWER, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

4911

(Primary Standard
Industrial Classification
Code Number)

74-2961657

(I.R.S. Employer Identification No.)

2128 W. Braker Lane, BK12

Austin, Texas 78758

(512) 836-6464

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

James A. Clishem
Chief Executive Officer
Active Power, Inc.

2128 W. Braker Lane, BK12

Austin, Texas 78758

(512) 836-6464

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

J. Matthew Lyons
Andrews Kurth LLP
111 Congress Avenue, Suite 1700
Austin, Texas 78701
(512) 320-9200

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this Registration Statement.

If the only securities being registered on this form are to be offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, or until this registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Proposed Aggregate Offering Price (1) (2) (3) (4)	Amount of Registration Fee (5)
Primary Offering		
Common Stock (6)		
Preferred Stock (7)		
Debt Securities (8)		
Warrants (9)		
Units (10)		
Secondary Offering		
Common Stock (11)		
Total	\$75,000,000.00	\$8,025.00

- (1) The proposed maximum offering price per unit will be determined from time to time by Active Power, Inc. in connection with, and at the time of, the issuance of the securities registered hereunder.
- (2) Estimated solely for the purposes of calculating the registration fee pursuant to Rule 457(o) under the Securities Act of 1933, as amended.
- (3) In no event will the aggregate initial offering price of all securities issued from time to time pursuant to the registration statement exceed \$75,000,000.00. Securities registered hereunder may be sold separately, together or as units with other securities registered hereunder. This total amount also included such securities as may, from time to time, be issued upon conversion or exchange of securities registered hereunder, to the extent any such securities are, by their terms, convertible into or exchangeable for other securities.
- (4) Not specified as to each class of securities being registered pursuant to General Instruction II.D. of Form S-3 under the Securities Act of 1933, as amended.
- (5) By post-effective amendment to Registration Statement No. 333-123586, registrant de-registered 1,636,353 shares of the registrant's Common Stock that were issuable to the selling securityholders under Registration Statement No. 333-123586 only if and when such selling securityholders exercised certain additional investment rights to acquire such shares within 180 days after the effective date of Registration Statement No. 333-123586. The selling securityholders' additional investment rights expired without exercise and no such shares were issued. A registration fee of \$2,833.45 was paid in connection with Registration Statement No. 333-123586 of which \$653.87 associated with the 1,636,353 shares of unsold, de-registered common stock securities under Registration Statement No. 333-123586 is being used to offset the total filing fees due under this Registration Statement pursuant to Rule 457(p). Accordingly, a net filing fee of \$7,371.13 is due in connection with the filing of this Registration Statement.
- (6) Subject to note (3) above, an indeterminate number of shares of common stock of Active Power, Inc. as may be sold from time to time are being registered hereunder. Also includes such indeterminate number of shares of common stock as may be (a) issued upon conversion, redemption or exchange for any debt securities or preferred stock that provide for conversion or exchange into common stock, (b) issued upon exercise and settlement of any warrants or (c) issued as a result of stock splits, stock dividends or similar transactions. The aggregate amount of common stock registered under this registration statement is limited to that which is permissible under Rule 415(a)(4) promulgated under the Securities Act of 1933, as amended.
- (7) Subject to note (3) above, an indeterminate number of shares of preferred stock of Active Power, Inc. as may be sold from time to time are being registered hereunder. Also includes such indeterminate number of shares of preferred stock as may be (a) issued upon conversion, redemption or exchange for any debt securities that provide for conversion or exchange into preferred stock, (b) issued upon exercise and settlement of any warrants or (c) issued as a result of stock splits, stock dividends or similar transactions.
- (8) Subject to note (3) above, an indeterminate principal amount of debt securities of Active Power, Inc. as may be sold from time to time are being registered hereunder. If any debt securities of Active Power, Inc. are issued at an original issue discount, then the offering price shall be in such greater principal amount as shall result in an aggregate initial offering price not to exceed \$75,000,000.00, less the dollar amount of any securities previously issued hereunder.
- (9) Subject to note (3) above, an indeterminate number of warrants of Active Power, Inc. as may be sold from time to time are being registered hereunder. Warrants may be exercised to purchase common stock, preferred stock, debt securities or units.
- (10) Subject to note (3) above, an indeterminate number of units of Active Power, Inc. as may be sold from time to time are being registered hereunder. Units may consist of any combination of common stock, preferred stock, debt securities or warrants.
- (11) Subject to note (3) above, an indeterminate number of shares of common stock of Active Power, Inc. as may be sold from time to time are being registered hereunder. Also includes such indeterminate number of shares of common stock of Active Power, Inc. as may be issued as a result of stock splits, stock dividends or similar transactions.

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The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not a solicitation of an offer to buy these securities in any state where the offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED SEPTEMBER 1, 2006

PRELIMINARY PROSPECTUS



\$75,000,000

**Debt Securities, Common Stock,
Preferred Stock, Warrants and Units**

**Common Stock
Offered by
Selling Securityholders**

By this prospectus and an accompanying prospectus supplement, we or any selling securityholder may from time to time offer and sell in one or more offerings any combination of the securities listed above. This prospectus provides a general description of the securities we or any selling securityholder may offer. Supplements to this prospectus will provide the specific terms of the securities that we actually offer, including the offering prices. In the prospectus supplement relating to sales by selling securityholders, we will identify each selling securityholder and the number of shares of our common stock that each selling securityholder may be selling. You should carefully read this prospectus, any applicable prospectus supplement and any information under the heading "Where You Can Find More Information" before you invest in any of these securities. This prospectus may not be used to sell securities unless it is accompanied by a prospectus supplement that describes those securities.

We or any securityholder may sell these securities directly to or through underwriters, to other purchasers and/or through agents. For additional information on the method of sale, you should refer to the section in this prospectus entitled "Plan of Distribution." If any underwriters are involved in the sale of any securities offered by this prospectus and any prospectus supplement, their names, and any applicable purchase price, fee, commission or discount arrangement between or among us, the selling securityholders and them, will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement.

Our common stock is quoted on the Nasdaq National Market under the symbol "ACPW." On August 31, 2006, the closing price of our common stock as reported by Nasdaq was \$3.05 per share. We will apply to list any shares of common stock sold under this prospectus and any prospectus supplement on the Nasdaq National Market. We have not determined whether we will list any other securities we may offer on the Nasdaq National Market, or any other exchange or on the over-the-counter market. If we decide to seek listing of any securities, a prospectus supplement will disclose the name of such exchange or market.

Investing in our securities involves risks. Risks associated with an investment in our securities will be described in this prospectus, in the applicable prospectus supplement and in certain of our filings with the Securities and Exchange Commission, as described under "[Risk Factors](#)" on page 3.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined whether this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2006.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, utilizing a “shelf” registration process. Under this shelf registration process, we may sell any combination of the securities described in this prospectus in one or more offerings. In addition, some of our securityholders may sell shares of our common stock under this shelf registration statement. This prospectus provides you with a general description of the securities that we or any selling securityholders may offer. Each time that we or any selling securityholders offer to sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering and the securities offered by us and/or any selling securityholders in that offering. The prospectus supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and any prospectus supplement, you should rely on the information provided in the prospectus supplement. This prospectus does not contain all of the information included in the registration statement. The registration statement filed with the SEC includes exhibits that provide more details about the matters discussed in this prospectus. You should carefully read this prospectus, the related exhibits filed with the SEC and any prospectus supplement, together with the additional information described under the heading “Where You Can Find More Information” beginning on page 48.

You should rely only on the information contained or incorporated by reference in this prospectus and in any accompanying prospectus supplement. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer of the securities covered by this prospectus in any state where the offer is not permitted. You should assume that the information appearing in this prospectus, any prospectus supplement and any other document incorporated by reference is accurate only as of the date on the front cover of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates. We will disclose any material changes in our affairs in an amendment to this prospectus, a prospectus supplement or a future filing with the SEC incorporated by reference in this prospectus.

In this prospectus, “Active Power,” “we,” “us” and “our” refer to Active Power, Inc. and its direct and indirect subsidiaries on a consolidated basis. References to “\$” or “dollars” are to the currency of the United States of America.

ABOUT ACTIVE POWER, INC.

Active Power designs, manufactures and markets power quality products that provide consistent, reliable and cost-effective ride through, or temporary, power for the majority of power disturbances, such as voltage sags and surges, and bridge the gap between a power outage and restoration of power or the time required to switch to generator power. Our products are designed to be environmentally friendly compared to existing solutions without compromising functionality, efficiency or cost. We have shipped over 1,300 flywheels, or more than 325 megawatts of our products, representing \$91.4 million in revenue, to business locations in over 35 countries around the world since our founding in 1992. We are headquartered in Austin, Texas.

Our patented flywheel energy storage systems store kinetic energy by constantly spinning a compact steel wheel (“flywheel”) driven from utility power in a low-friction environment. When the utility power used to spin the flywheel fluctuates or is interrupted, the flywheel’s inertia causes it to continue spinning. The resulting kinetic energy of the spinning flywheel generates electricity known as “bridging power” for short periods until utility power is fully restored or a backup electric generator starts and takes over generating longer-term backup power in the case of an extended electrical outage. We believe that our flywheel products provide many competitive advantages over traditional battery-based systems, including substantial space savings, high power densities, “green” energy storage and power efficiencies as high as 98% that reduce total operational energy costs. We offer our flywheel products with load capabilities from 65 kVA to 3600 kVA, while typically targeting higher power density applications above 200 kVA since the majority of these customers already have back-up generators. We market our flywheel products under the brand name CleanSource®. CleanSource DC is a non-chemical replacement for lead-acid batteries used for bridging power. Utilizing our flywheel energy storage technology, the CleanSource DC is a stand-alone direct current (DC) product that is compatible with all major brands of uninterruptible power supplies (UPS). We built on the technological success of CleanSource DC by creating a battery-free UPS, CleanSource UPS, which integrates the UPS electronics and our flywheel energy storage system into one compact cabinet. CleanSource UPS represents the majority of our current revenues. Combining our CleanSource UPS with a generator provides customers with complete short and long-term protection in the event of a power disturbance. We sell our CleanSource flywheel products to commercial and industrial customers across a variety of vertical markets including manufacturing, technology, communications, utilities, healthcare, banking and military, and in all major geographic regions of the world, but particularly in North America and Europe.

To address the requirements of those customers without backup generators that still need protection from utility disturbances, we also have developed our CoolAir™ DC extended runtime product. We initially have targeted CoolAir DC at lower power levels than our flywheel products, and it is sold as a minute-for-minute replacement for lead-acid batteries. CoolAir DC can provide backup power for several minutes to hours depending on the customer application. CoolAir DC utilizes mature thermal and compressed air storage (TACAS) technologies combined in a proprietary manner to produce backup power during an electrical disturbance. This product discharges cool air as a by-product of its operation that also can be used by customers during an electrical disturbance to provide a source of backup cooling. In addition to offering a DC-only solution, when customers desire a complete backup solution with an extended runtime, we have introduced the CoolAir UPS that couples our CoolAir DC product with a third party double-conversion UPS. CoolAir initially is being targeted at small to medium-size data center customers in North America following its commercial introduction in the second quarter of 2006, and we expect an international version will be available in late 2006.

We were founded in 1992 as a Texas corporation known as Magnetic Bearing Technologies, Inc. We began our efforts to develop a flywheel energy storage product for the power quality market in 1996 and subsequently changed our name to Active Power, Inc. We re-incorporated in Delaware in 2000 prior to our initial public offering.

Our principal executive offices are located at 2128 W. Braker Lane, BK12, Austin, Texas 78758. Our telephone number is (512) 836-6464. Our website is www.activepower.com. The information found on our website or on websites linked to our website is not incorporated into or a part of this prospectus.

RISK FACTORS

You should carefully consider the risks described below before making a decision to invest in our securities or in evaluating Active Power and our business. In addition to the risks described below, you should also consider the specific risks set forth under the caption “Risk Factors” in the applicable prospectus supplement and under the caption “Risk Factors” in any of our filings with the Commission pursuant to Sections 13(a), 13(c), 14, or 15(d) of the Securities Exchange Act of 1934 (the “Exchange Act”) incorporated by reference herein, before making an investment decision. The risks and uncertainties described below and incorporated by reference herein, are not the only ones we face. Additional risks and uncertainties that we do not presently know, or that we currently view as immaterial, may also impair our business operations. This prospectus and any accompanying prospectus supplement is qualified in its entirety by these risk factors.

The actual occurrence of any of the following risks could materially harm our business, financial condition and results of operations. In that case, the trading price of our common stock could decline.

We have incurred significant losses and anticipate losses for at least the next several quarters.

We have incurred operating losses since our inception and expect to continue to incur losses for at least the next several quarters. As of June 30, 2006, we had an accumulated deficit of \$192.7 million. To date, we have funded our operations principally through the sale of our stock, product revenue and development funding payments from Caterpillar. We will need to generate significant additional revenue to achieve profitability, and we cannot assure you that we will ever realize sufficient additional revenue to achieve profitability. We also expect to incur product development, sales and marketing and administrative expenses in excess of our revenue after costs, and, as a result, we expect to continue to incur losses for at least the next several quarters.

Due to uncertainty surrounding market acceptance of our products, we may never achieve significant revenue or become profitable and we may have difficulty accurately predicting revenue for future periods.

We have generated a total of \$91.4 million in product revenue between January 1, 1998 and June 30, 2006, with \$11 million generated in the six-month period ended June 30, 2006. We are uncertain whether our products will achieve market acceptance such that our revenue will increase or whether we will be able to achieve significant revenue. Therefore, we have a very limited ability to predict future revenue. The uncertain market acceptance for our products and other factors that are beyond our control make it difficult for us to accurately forecast our quarterly and annual revenue. However, we use our forecasted revenue to establish our expense budget. Most of our expenses, particularly rent and salaries, are fixed in the short term or incurred in advance of anticipated revenue. Consequently, we may not be able to decrease our expenses, if desired, in a timely manner to offset any revenue shortfall. If our revenue does not increase as anticipated, we will continue to incur significant losses. As a result of the foregoing, we cannot assure you that our revenue will grow or remain stable in future periods or that we will become profitable.

Our financial results may vary significantly from quarter to quarter.

Our product revenue, operating expenses and quarterly operating results have varied in the past and may fluctuate significantly from quarter to quarter in the future due to a variety of factors, many of which are outside our control. As a result you should not rely on our operating results during any particular quarter as an indication of our future performance in any quarterly period or fiscal year. These factors include, among others:

- timing of orders from our customers and the possibility that customers may change their order requirements with little or no notice to us;
- rate of adoption of our flywheel-based energy storage systems or our thermal and compressed air based systems as alternatives to lead-acid batteries;
- ongoing need for short-term power outage protection in traditional UPS systems;
- deferral of customer orders in anticipation of new products from us or other providers of power quality systems;

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- timing of deferred revenue components associated with large orders;
- new product releases, licensing or pricing decisions by our competitors;
- commodity and raw material component prices;
- lack of order backlog;
- loss of a significant customer or distributor;
- impact of changes to our product distribution strategy and pricing policies;
- changes in the mix of domestic and international sales;
- rate of growth of the markets for our products; and
- other risks described below.

We derive a significant portion of our quarterly revenue from a few relatively large transactions. The sales cycles for these large transactions tend to be longer than the sales cycle on smaller orders. The longer sales cycles for large transactions make it difficult to predict the quarter in which these sales will occur. Accordingly, our operating results may fluctuate from quarter to quarter based on the existence and timing of larger transactions. A reduction in the number of large transactions or a delay in closing of such a sales transaction could materially impact our revenue in a particular period.

The market for power quality products, particularly those with new or advanced technologies, is evolving and it is difficult to predict its potential size or future growth rate. Most of the organizations that may purchase our products have invested substantial resources in their existing power systems and, as a result, have been reluctant or slow to adopt a new technological approach, particularly during periods of reduced capital expenditures. Moreover, because our current products are alternatives to existing UPS and battery systems, they may never be accepted by the market or may be made obsolete by other advances in power quality technologies.

Significant portions of our expenses are not variable in the short term and cannot be quickly reduced to respond to decreases in revenue. Therefore, if our revenue is below our expectations, our operating results are likely to be adversely and disproportionately affected. In addition, we may change our prices, modify our distribution strategy and policies, accelerate our investment in research and development, or increase our sales or marketing efforts to respond to competitive pressures or to pursue new market opportunities. Any one of these activities may further limit our ability to adjust spending in response to revenue fluctuations. We use forecasted revenue to establish our expense budget. Because most of our expenses are fixed in the short term or incurred in advance of anticipated revenue, any shortfall in revenue may result in significant losses. In addition, in some future quarters, our financial results may be below the expectations of public market analysts or investors. In such event, the market price of our common stock would likely fall.

Our future success will depend on our ability to find new markets for our products.

Historically, we have focused our sales efforts on the American and European markets. We intend to enter into new markets, such as Asia and Latin America. Our future success is dependent upon us introducing our products to new markets with power needs consistent with the attributes of our product offerings. If we are unable to successfully introduce our products to these new markets, our business will suffer.

We have increased our international activities significantly since 2002 and plan to continue such efforts, which subjects us to additional business risks including increased logistical and financial complexity, political instability and currency fluctuations.

The percentage of our revenue derived from customers located outside of the United States was 45%, 50% and 48% in 2005, 2004 and 2003, respectively. In the six-month period ended June 30, 2006 we derived

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36% of our total revenues from sales to international customers. Our international operations are subject to a number of risks, including:

- foreign laws and business practices that favor local competition;
- dependence on local channel partners;
- compliance with multiple, conflicting and changing government laws and regulations;
- longer sales cycles;
- difficulties in managing and staffing foreign operations;
- foreign currency exchange rate fluctuations and the associated effects on product demand and timing of payment;
- political and economic stability, particularly in the Middle East and North Africa;
- greater difficulty in the contracting and shipping process, in accounts receivable collection and longer collection periods;
- greater difficulty in hiring qualified technical sales and application engineers;
- greater difficulty in creating and organizing foreign entities; and
- difficulties with financial reporting in foreign countries.

To date, the majority of our sales to international customers and purchases of components from international suppliers have been denominated in U.S. dollars. As a result, an increase in the value of the U.S. dollar relative to foreign currencies could make our products more expensive for our international customers to purchase, thus rendering our products less competitive. As we increase direct sales in foreign markets, we are making more sales that are denominated in other currencies, primarily euros and British pounds. Those sales in currencies other than U.S. dollars can result in translation gains and losses. Currently, we do not engage in hedging activities for our international operations. We may engage in hedging activities in the future; however, such hedging activities may not be effective and may result in foreign exchange hedging losses that could impair our financial results.

We are subject to risks relating to product concentration and lack of revenue diversification.

We derive a substantial portion of our revenue from a limited number of products, and we expect these products to continue to account for a large percentage of our revenues in the near term. Continued and increasing market acceptance of these products is therefore critical to our future success. Our future success will also depend on our ability to reduce our dependence on these few products by developing and introducing to the market new products and product enhancements in a timely manner. Specifically, our ability to capture significant market share depends on our ability to market our existing UPS product line at higher and lower power range offerings, and on our ability to develop and market our TACAS-based extended runtime products, such as the CoolAir DC. Even if we are able to develop and commercially introduce new products and enhancements, they may not achieve market acceptance, which would substantially impair our revenue, profitability and overall financial prospects. Successful product development and market acceptance of our existing and future products depend on a number of factors including:

- changing requirements of customers;
- accurate prediction of market and technical requirements;
- timely completion and introduction of new designs;
- availability, quality, price and performance of our products;
- availability, quality, price and performance of competing products and technologies;
- our customer service and support capabilities and responsiveness;
- successful development of our relationships with existing and potential customers; and
- changes in technology, industry standards or end-user preferences.

If we are unable to expand our distribution channels and manage our existing and new product distribution relationships, our ability to grow our business may be impeded.

Historically, the majority of our sales were made through our OEM channels. Recently, we have focused on establishing a direct sales channel that supplements our OEM channel. The future growth of our business will depend in part on our ability to sell our products through a direct sales channel in addition to sales through our OEM channel. This will require us to manage relationships with customers rather than rely on our OEM partners to manage these relationships. As part of our growth strategy, we plan to expand our relationships with distributors and develop relationships with new distributors. We will also look to identify and develop new relationships with additional parties that could serve as an outlet for our products, including CoolAir DC. If we are unable to successfully execute this strategy and manage our existing OEM channel partners, such as Caterpillar and Eaton Electrical, our national accounts team and our new manufacturer's representatives, the future growth of our business may be impeded, which may adversely affect our results of operations.

Failure to hire and retain skilled personnel could adversely affect our stock price, operations and product development.

We believe our future success will depend in large part upon our ability to attract, motivate and retain highly skilled managerial, engineering and sales and marketing personnel. There is a limited supply of skilled employees with power quality marketplace experience. The recent decline in our stock price may diminish the financial attractiveness of the stock options we have issued, which may cause certain of our current employees to seek employment elsewhere as a result of this decreased financial incentive. The decline in our stock price may also impair our ability to recruit new employees. Our July 2006 reduction in force or any future workforce reductions could adversely affect the morale of remaining employees and our efforts to attract and retain highly skilled employees. These workforce cost reduction efforts, or their announcement, could cause a decrease or significant fluctuations, in our stock price. There may also be an increased risk of litigation as a result of reductions in our workforce. Our failure to attract and retain the highly trained technical personnel who are essential to our product development, marketing, sales, service and support teams may limit the rate at which we can develop new products or generate revenue. If we are unable to retain the personnel we currently employ, or if we are unable to quickly replace departing employees, our operations and new product development may suffer.

We are significantly dependent on our relationship with Caterpillar, our primary OEM customer. If this relationship is terminated or diminished, for whatever reason, our business and financial prospects likely would suffer.

Caterpillar and its dealer network are our largest customer overall and our primary OEM partner for our flywheel-based products. Caterpillar and its dealer network accounted for 42%, 54% and 60% of our revenue, during 2005, 2004 and 2003, respectively. In the six-month period ended June 30, 2006, Caterpillar and its dealer network accounted for 40% of our revenue. If our relationship with Caterpillar is terminated or diminished, or if Caterpillar's distribution of the Cat UPS product is not successful or suffers an adverse change, our business and financial prospects would likely suffer. Pursuant to our distribution agreement with Caterpillar, they are the exclusive OEM distributor, subject to limited exceptions, of our CleanSource UPS product. Caterpillar is not obligated to purchase any CleanSource UPS units. To date, sales by Caterpillar have been well short of the contractual minimums necessary for Caterpillar to retain exclusivity; however, we have continued to work with Caterpillar as our primary UPS OEM customer and have not sold the UPS to any of Caterpillar's identified competitors.

Our agreement with Caterpillar expires in January 2007. While we intend to renew this agreement, and currently believe that Caterpillar desires and intends to renew the agreement, we cannot be sure that such renewal will take place. If we do not continue this OEM relationship with Caterpillar, our business and financial prospects likely would suffer.

We have underutilized manufacturing capacity and have no experience manufacturing our products in large quantities.

In 2001, we outfitted a 127,000 square foot facility used for manufacturing and testing of our three-phase product line, including our flywheel-based DC and UPS products. To be financially successful, and to utilize the capacity of this facility to absorb its associated overhead, we must achieve significantly higher sales volumes. We must accomplish this while also preserving the quality levels we achieved when manufacturing these products in more limited quantities. To date, we have not been successful at increasing our sales volume to a level that fully utilizes the capacity of the facility and we may never increase our sales volume to necessary levels. If we do not reach these necessary sales volume levels, or if we cannot sell our products at our suggested prices, our ability to reach profitability will be adversely affected.

Achieving the necessary production levels presents a number of technological and engineering challenges for us. We have not previously manufactured our products in high volume. We do not know whether or when we will be able to develop efficient, low-cost manufacturing capability and processes that will enable us to meet the quality, price, engineering, design and product standards or production volumes required to manufacture large quantities of our products successfully. Even if we are successful in developing our manufacturing capability and processes, we do not know whether we will do so in time to meet our product commercialization schedule or to satisfy the requirements of our customers.

We must build quality products to ensure acceptance of our products.

The market perception of our products and related acceptance of the products is highly dependent upon the quality and reliability of the products that we build. Any quality problems attributable to the CleanSource DC, CleanSource UPS or CoolAir DC product lines may substantially impair our revenue prospects. Moreover, quality problems for our product lines could cause us to delay or cease shipments of products or to recall or field upgrade products, thus adversely affecting our ability to meet revenue or cost targets. In addition, while we seek to limit our liability as a result of product failure or defects through warranty and other limitations, if one of our products fails, a customer could suffer a significant loss and seek to hold us responsible for that loss.

We have recently introduced the CoolAir DC product but are not yet able to determine the rate of acceptance or likely success of this product.

We began commercial production of our new CoolAir DC extended runtime product in the second quarter of 2006. Based on our experience with flywheel products, we believe that the market for power quality products is reluctant and slow to adopt new technologies and we anticipate this with CoolAir DC, as well. Acceptance of this product is an important part of our growth strategy and therefore is critical to our future success. If the market does not embrace this new technology, or if the market accepts it at a rate slower than what we anticipate, this could adversely impact our revenue, profitability and overall financial prospects. The successful market acceptance of our CoolAir DC product depends upon a number of factors including:

- the cost competitiveness of this product compared to existing or alternative technologies;
- the quality and reliability compared to existing products;
- our ability to explain and sell the value and benefits of this new technology to our potential customers and to enable them to trust their mission-critical power needs to our new technology;
- our ability to displace existing entrenched technologies and vendors; and
- our ability to provide adequate marketing and sales channel support to accelerate product acceptance.

Our CoolAir DC product relies on a new thermal and compressed air storage (TACAS) technology that has a limited operating history in commercial applications and requires a greater initial investment than competing solutions.

Our recently introduced CoolAir DC product relies on our TACAS technology that has a limited operating history in commercial applications. Potential customers may be hesitant to purchase a product with a limited operating history to protect their “mission-critical” applications. In addition, the initial cost to purchase our CoolAir DC product typically exceeds the cost of a traditional battery-based solution. The lack of an operating history for our

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TACAS technology and the higher start-up costs may cause the market for our CoolAir products to develop slower than we anticipate. We have invested significant amounts in the development of our TACAS technology and this technology is the focus of many of our future product plans. Therefore, if market acceptance of our TACAS-based products is slow to develop or fails to develop, we may lose a significant portion of our investment in this technology and our business and financial results will suffer.

We currently operate without a significant backlog, which may cause our results of operations to fluctuate.

We generally operate our business without any significant backlog of orders from customers. Normally our products are shipped and revenue is recognized at that time. The lack of backlog makes revenue in any quarter substantially dependent on orders booked and shipped throughout that quarter, and as a result, our results of operations tend to fluctuate from quarter to quarter, which may adversely impact the price of our stock.

Seasonality may contribute to fluctuations in our quarterly operating results.

Our business has, on occasion, experienced seasonal customer buying patterns. In recent years, we have generally experienced relatively weaker demand in the first calendar quarter of the year as customers delay purchasing decisions while capital budgets are being approved. We believe that this pattern will continue. In addition, we anticipate that demand for our products in Europe and Africa may decline in the summer months, as compared to other regions, because of reduced corporate buying patterns during the vacation season. Seasonality may cause our results of operations to fluctuate from quarter to quarter, which may adversely impact the price of our stock.

We depend on sole and limited source suppliers and outsource selected component manufacturing.

We purchase several component parts from sole source and limited source suppliers. As a result of our current volumes, we lack significant leverage with these suppliers. If our suppliers receive excess demand for their products, we may receive a low priority for order fulfillment, as larger volume customers may receive priority, resulting in delays in our acquiring components. If we are delayed in acquiring components for our products, the manufacture and shipment of our products will also be delayed. For example, we purchase a particular type of power module from Semikron International, which is a single source supplier. Lead times for ordering materials and components vary significantly and depend on factors such as specific supplier requirements, contract terms, production time required and current market demand for such components. Some of these delays may be substantial. As a result, we purchase several components in large quantities to protect our ability to deliver finished products. If we overestimate our component requirements, we may have excess inventory, which will increase our costs. If we underestimate our component requirements, we will have inadequate inventory, which will delay our manufacturing and render us unable to deliver products to customers on scheduled delivery dates. If we are unable to obtain a component from a supplier or if the price of a component has increased substantially, we may be required to manufacture the component internally, which will also result in delays or require us to absorb price increases. Manufacturing delays could negatively impact our ability to sell our products and could damage our customer relationships.

To assure the availability of our products to our customers, we outsource the manufacturing of selected components prior to the receipt of purchase orders from customers based on internal product sales revenue forecasts. However, these forecasts do not represent binding purchase commitments from our customers. We do not recognize revenue for such products until the product is shipped to the customer. As a result, we incur inventory and manufacturing costs in advance of anticipated revenue. As demand for our products may not materialize, this product delivery method subjects us to increased risks of high inventory carrying costs, obsolescence and excess, and may increase our operating costs. In addition, we may make design changes to our products from time to time, which could lead to obsolescence of inventory.

We face significant competition from other companies.

The markets for power quality and power reliability are intensely competitive. There are many companies engaged in all areas of traditional and alternative UPS and backup systems in the United States and abroad, including, among others, major electric and specialized electronics firms, as well as universities, research institutions and foreign government-sponsored companies. There are many companies that are developing flywheel-

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based energy storage systems and flywheel-based power quality systems. We may face future competition from companies that are developing other types of emerging power technologies, such as high-speed composite flywheels, ultra capacitors and superconducting magnetic energy storage. Our CoolAir DC product competes primarily against battery cabinet product offerings but may also compete against other emerging power technologies in the future.

Many of our current and potential competitors have longer operating histories, broader name and brand recognition, a larger installed base of customers and significantly greater financial, technical, marketing and other resources. As a result, these competitors may have greater credibility with our existing and potential customers. They also may be able to adopt more aggressive pricing policies and devote greater resources to the development, promotion and sale of their products than we can to ours, which would allow them to respond more quickly than us to new or emerging technologies or changes in customer requirements. In addition, some of our current and potential competitors have established supplier or joint development relationships with our current or potential customers. These competitors may be able to leverage their existing relationships to discourage these customers from purchasing products from us or to persuade them to replace our products with their products. Increased competition could decrease our prices, reduce our sales, lower our margins, or decrease our market share. These and other competitive pressures could prevent us from competing successfully against current or future competitors and could materially harm our business.

We may be unable to protect our intellectual property and proprietary rights.

Our success depends to a significant degree upon our ability to protect our proprietary technology, and we expect that future technological advancements made by us will be critical to sustain market acceptance of our products. We rely on a combination of patent, copyright, trademark and trade secret laws and restrictions on disclosure to protect our intellectual property rights. We also enter into confidentiality or license agreements with our employees, consultants and business partners and control access to and distribution of our software, documentation and other proprietary information. Despite these efforts, unauthorized parties may attempt to copy or otherwise obtain and use our products or technology. Monitoring unauthorized use of our products is difficult, and we cannot be certain that the steps we have taken will prevent unauthorized use of our technology, particularly in foreign countries where applicable laws may not protect our proprietary rights as fully as in the United States. In addition, the measures we undertake may not be sufficient to adequately protect our proprietary technology and may not preclude competitors from independently developing products with functionality or features similar to those of our products.

In recent years, there has been significant litigation in the United States involving patents, trademarks and other intellectual property rights. We may become involved in litigation in the future to protect our intellectual property or defend allegations of infringement asserted by others. Legal proceedings could subject us to significant liability for damages or invalidate our intellectual property rights. Any litigation, regardless of its merits or its outcome, likely would be time consuming and expensive to resolve and would divert management's time and attention. Any potential intellectual property litigation also could force us to take specific actions, including:

- cease selling our products that use the challenged intellectual property;
- obtain from the owner of the infringed intellectual property right a license to sell or use the relevant technology or trademark, which license may not be available on reasonable terms, or at all;
- redesign those products that use infringing intellectual property; or
- cease to use an infringing trademark.

We may require substantial additional funds in the future to finance our product development and commercialization plans.

Our product development and commercialization schedule could be delayed if we are unable to fund our research and development activities, marketing activities or the development of our manufacturing capabilities with our revenue and our cash on hand. We expect that our current cash and investments, together with our other available sources of working capital, will be sufficient to fund corporate cash requirements for at least twelve months.

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However, unforeseen delays or difficulties in these activities could increase costs and exhaust our resources prior to the full commercialization of our products under development. We do not know whether we will be able to secure additional funding, or funding on terms acceptable to us, to continue our operations as planned. If financing is not available, we may be required to reduce, delay or eliminate certain activities or to license or sell to others some of our proprietary technology.

We have anti-takeover provisions that could discourage, delay or prevent our acquisition.

Provisions of our certificate of incorporation and bylaws could have the effect of discouraging, delaying or preventing a merger or acquisition that a stockholder may consider favorable. Additionally, in December 2001 our board of directors approved a stockholder rights plan, which would require a potential acquiror to negotiate directly with our board of directors regarding any planned acquisition. We also are subject to the anti-takeover laws of the State of Delaware, which may further discourage, delay or prevent someone from acquiring or merging with us. In addition, our agreement with Caterpillar for the distribution of CleanSource UPS provides that Caterpillar may terminate the agreement in the event we are acquired or undergo a change in control. The possible loss of our most significant customer could be a significant deterrent to possible acquirers and may substantially limit the number of possible acquirers. All of these factors may decrease the likelihood that we would be acquired, which may depress the market price of our common stock.

Volatility in our stock price could result in claims against us.

Historically the market price of our common stock has fluctuated significantly. In 2006, the sales price of our common stock ranged from \$2.65 to \$5.91. In addition to those risks described earlier in this section, the market price of our common stock can be expected to fluctuate significantly in response to numerous other factors, many of which are beyond our control, including the following:

- actual or anticipated fluctuations in our operating results;
- changes in financial estimates by securities analysts or our failure to perform in line with such estimates;
- changes in market valuations of other technology companies, particularly those that sell products used in power quality systems;
- announcements by us or our competitors of significant technical innovations, acquisitions, strategic partnerships, joint ventures or capital commitments;
- introduction of technologies or product enhancements that reduce the need for flywheel energy storage systems;
- the loss of one or more key OEM customers;
- inability to successfully expand our distribution channels;
- departures of key personnel; and
- changing external capital market conditions.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference into this prospectus contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than historical or current facts, including, without limitation, statements about our business strategy, plans and objectives of management and our future prospects, are forward-looking statements. Although we believe that the expectations reflected in such forward-looking statements are reasonable, such forward-looking statements are subject to risks and uncertainties that could cause actual results to differ materially from these expectations. Such risks and uncertainties include, without limitation, the following:

- market acceptance of our current and future products;
- growth in markets for our products
- international business risks;
- expansion of our product offerings and sales channels;
- customer demand for our products;
- customer benefits attributable to our products;
- seasonality;
- technologies and operations;
- the effect of competition; and
- future economic, business and regulatory conditions.

You can identify these statements by forward-looking words such as “may,” “will,” “expect,” “intend,” “anticipate,” “believe,” “estimate,” “continue” and other similar words. You should read statements that contain these words carefully because they discuss our future expectations, make projections of our future results of operations or financial condition, or state other “forward-looking” information. We believe that it is important to communicate our future expectations to investors. However, there may be events in the future that we are not able to accurately predict or control. The factors listed in the section captioned “Risk Factors” as well as any cautionary language included in or incorporated by reference in the prospectus, provide examples of risks, uncertainties and events that may cause our actual results to differ materially from the expectations we described in our forward-looking statements. Except as required by law, we undertake no obligation to update publicly any forward-looking statements, whether as a result of new information, future events or otherwise.

USE OF PROCEEDS

Unless otherwise indicated in an accompanying prospectus supplement, we will use the net proceeds from the sale of the securities offered hereby for general corporate purposes, which may include working capital, capital expenditures, development costs, strategic investments or possible acquisitions. We have not allocated any portion of the net proceeds for any particular use at this time. The net proceeds may be invested temporarily until they are used for their stated purpose. Specific information concerning the use of proceeds from the sale of any securities will be included in the prospectus supplement relating to such securities. We will not receive any of the proceeds from the sale of securities that may be sold by selling securityholders.

RATIO OF EARNINGS TO FIXED CHARGES

Our deficiency of earnings to fixed charges for the indicated periods are set forth below. The information set forth below should be read in conjunction with the financial information incorporated by reference herein.

	Years Ended December 31,					Six months ended
	2001	2002	2003	2004	2005	June 30, 2006
	(in thousands, except for ratios)					
Deficiency of earnings to fixed charges	\$(27,962)	\$(27,623)	\$(21,703)	\$(27,780)	\$(22,891)	\$(12,044)
Ratio of earnings to fixed charges	-	-	-	-	-	-

Our fixed charges consist of interest incurred on indebtedness. We had no fixed charges for the periods presented above.

We had no shares of preferred stock outstanding for any period presented. As a result, the ratio of earnings to combined fixed charges and preferred stock dividends is the same as the ratio of earnings to fixed charges.

OUR BUSINESS

Overview

Active Power designs, manufactures and markets power quality products that provide consistent, reliable and cost-effective ride through, or temporary, power for the majority of power disturbances, such as voltage sags and surges, and bridge the gap between a power outage and restoration of power or the time required to switch to generator power. Our products are designed to be environmentally friendly compared to existing solutions without compromising functionality, efficiency or cost. We have shipped over 1,300 flywheels, or more than 325 megawatts of our products, representing \$91.4 million in revenue, to business locations in over 35 countries around the world since our founding in 1992. We are headquartered in Austin, Texas.

Our patented flywheel energy storage systems store kinetic energy by constantly spinning a compact steel wheel (“flywheel”) driven from utility power in a low-friction environment. When the utility power used to spin the flywheel fluctuates or is interrupted, the flywheel’s inertia causes it to continue spinning. The resulting kinetic energy of the spinning flywheel generates electricity known as “bridging power” for short periods until utility power is fully restored or a backup electric generator starts and takes over generating longer-term backup power in the case of an extended electrical outage. We believe that our flywheel products provide many competitive advantages over traditional battery-based systems, including substantial space savings, high power densities, “green” energy storage and power efficiencies as high as 98% that reduce total operational energy costs. We offer our flywheel products with load capabilities from 65 kVA to 3600 kVA, while typically targeting higher power density applications above 200 kVA since the majority of these customers already have back-up generators. We market our flywheel products under the brand name CleanSource®. CleanSource DC is a non-chemical replacement for lead-acid batteries used for bridging power. Utilizing our flywheel energy storage technology, the CleanSource DC is a stand-alone direct current (DC) product that is compatible with all major brands of uninterruptible power supplies (UPS). We built on the technological success of CleanSource DC by creating a battery-free UPS, CleanSource UPS, which integrates the UPS electronics and our flywheel energy storage system into one compact cabinet. CleanSource UPS represents the majority of our current revenues. Combining our CleanSource UPS with a generator provides customers with complete short and long-term protection in the event of a power disturbance. We sell our CleanSource flywheel products to commercial and industrial customers across a variety of vertical markets including manufacturing, technology, communications, utilities, healthcare, banking and military and in all major geographic regions of the world, but particularly in North America and Europe.

To address the requirements of customers without backup generators that still need protection from utility disturbances, we also have developed a patented extended runtime product that we call CoolAir™ DC. We initially have targeted CoolAir DC at lower power levels than our flywheel products, and it is sold as a minute-for-minute replacement for lead-acid batteries. CoolAir DC can provide backup power for several minutes to hours depending on the customer application. CoolAir DC utilizes mature thermal and compressed air storage (TACAS) technologies combined in a proprietary manner to produce backup power during an electrical disturbance. This product discharges cool air as a by-product of its operation that also can be used by customers during an electrical disturbance as a source of backup cooling. In addition to offering a DC-only solution, when customers desire a complete backup solution with an extended runtime, we have introduced the CoolAir UPS that couples our CoolAir DC product with a third party double-conversion UPS. CoolAir initially is being targeted at small to medium-size data center customers in North America following its commercial introduction in the second quarter of 2006, and we expect an international version will be available in late 2006.

Market Opportunities

According to a 2006 Frost & Sullivan report, the overall annual worldwide UPS market exceeds \$5.76 billion in sales, with an average annual growth rate of 6% projected through 2012. The UPS market consists of single-phase and three-phase segments based on user power level requirements. The three-phase segment is typically used by commercial and industrial customers, and the single-phase segment is typically used by residential and other lower power level applications. Active Power targets the three-phase UPS market, covering 20 kVA and higher power applications, that was estimated to make up approximately 33% of this market in 2005, or approximately \$1.8 billion per year. The segment of the market above 200kVA that we target with our flywheel products was estimated by Frost & Sullivan to be approximately \$740 million per year in 2005, and is projected to grow at a 5.4% annual rate through 2012. The market between 20-200kVA, which is where we target our CoolAir products, was

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estimated to be approximately \$1.1 billion per year in 2005 and is expected to grow at an annual rate of approximately 5% through 2012.

We believe that the following trends in power use will create additional market opportunities for us with our current product portfolio:

Increasing awareness of need for backup power systems. Increases in the size and frequency of natural disasters, utility grid failures, and a general increase in power demand, have increased the number of businesses that are exposed to the risks associated with, and the negative effects of, power quality interruptions. The transfer of manufacturing and enterprise services to developing countries with poor quality infrastructure also is increasing the visibility of the economic effects of poor power quality. Further, many developing economies lack adequate power infrastructure to ensure continuous power for industry, which impacts productivity and efficiency. Collectively, this increased awareness of the risks of business interruption due to power quality or supply interruption is driving more businesses to consider the need for more reliable backup power systems.

Trend toward higher power installations. New computing capabilities and developments in higher performance microprocessor designs are increasing power requirements for many industries. Often these higher power requirements are mirrored with shrinking space availability, requiring a power quality solution with greater power density that frees up space for more revenue generating computing applications. Alternatively, customers may desire to retrofit their existing facilities to handle more power since the cost of constructing new facility space continues to rise. High power installations are not limited to a particular vertical market or industry, but, by way of example, can include semiconductor plants, large hospital or medical complexes, large industrial manufacturing plants, broadcast/communications facilities, transportation facilities (airports, etc), and large computer data centers. Furthermore, in high power installations, customers are more likely to be comfortable with our products because they already are familiar with battery-free alternative technologies such as flywheels, rotary UPS systems, and are more likely to be using a backup power generator for their applications.

Extended runtime applications. In certain applications, where extended bridging power may be required, users are looking to increase the amount of backup time that their power quality solutions can provide. The longer the backup time, the greater the ability to operate through a complete power disturbance or to conduct an orderly shut down of operations that can minimize the economic impact of a utility power interruption. A large portion of the 5-200 kVA UPS market, particularly in North America, currently operates without backup generator systems and have tended to rely only on battery-based UPS systems. These customers typically need five to fifteen minutes of runtime from their energy storage system, which today is primarily being served by battery-based technology. The backup power systems for many of these customers do not provide power to their cooling systems during a utility disturbance. This only increases the likelihood of a thermal overload of their computing systems increasing the risk of a disturbance to the customer's mission-critical applications. As a result, a computing facility may overheat despite the availability of sufficient backup power for computer systems during a utility disturbance. The ability to solve cooling problems during a utility power disturbance, and the ability to extend the available runtime while eliminating the need for a costly generator or HVAC backup system is critical to meeting the backup power quality needs of the small and mid-sized commercial markets.

Our Key Strengths

We believe that our key strengths and differentiators can be summarized as follows:

Differentiated product offering that provides cost-saving opportunities. We believe our products offer higher reliability than competing battery alternatives and are more easily maintained. We offer products with an estimated 20-year design life, compared to battery solutions that have average lifespans of as little as 3.5 years. Given their durable construction, and lack of heat-sensitive electrochemicals, our products can work in harsh environments with high reliability and without the operating costs associated with heating or cooling that may otherwise be required by a backup power system. Our flywheel products can provide up to 15 times more power in the same space as an alternative battery-based system. This increased power density allows us to free up valuable revenue-generating space for customers, or to allow them to provide higher backup power levels in their current space without the need for additional build out. Our flywheel products operate with up to 98% power efficiency that, given the long product lifetime, can translate into significant cost savings over the product's lifecycle.

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We estimate, when considering the need for ongoing maintenance, replacement costs and the physical environmental requirements of battery-based products, that the total cost of ownership of our flywheel-based products, which includes purchase price, installation, maintenance and energy costs accumulated over a 10-year period, is less than half of that of comparable battery-based system. Our megawatt class UPS platform allows us to compete for large system installations where there are fewer competitors and where battery-based solutions are less favorable due to greater space requirements and higher maintenance costs. We began production of our CoolAir product platform in the second quarter of 2006. CoolAir provides a minute-for-minute alternative to the backup power of batteries while also providing backup cooling during an outage. The CoolAir product platform also broadens our product range into the extended runtime category.

Significant near-term growth opportunities in large commercial markets. With the increasing importance of consistent and reliable electric power, we are experiencing significant interest in our products and expect this to result in near-term and sustained growth opportunities. The build-out of large data centers in North America and Europe and the relative unreliability of utility-provided electricity have resulted in a global increase in investment in backup power systems in a wide range of industries, including healthcare, broadcast and communications, transportation and manufacturing. We currently are focused on serving the American and European markets. These markets represent approximately 65% of the global \$5.76 billion UPS market according to a 2006 Frost & Sullivan study. We plan to expand into other geographies beginning in 2007 including markets located in Asia and Latin America, where we believe that these same global power demand trends will offer us significant near and long-term growth opportunities.

Well-respected and established distribution partners. We maintain strategic alliances with several of the leading power technology distribution partners in the United States, including Caterpillar, Eaton Electrical and General Electric, each of which has endorsed our products. These alliances provide us with sales distribution channels into commercialized global markets. For example, Caterpillar distributes our flywheel UPS system under the Caterpillar brand name through their global dealer network. We have a partnership with GE that gives GE the non-exclusive right to purchase and sell our CleanSource DC products, and Eaton Electrical also provides us with sales and services support for the CleanSource DC products. We have added other regional distributors for our CleanSource DC products, including Fuji Electric in Japan and Vega Power (ASEA E&T) in the Republic of Korea.

One of few economically viable, environmentally friendly and safe solutions. With the low operating costs (less than half the total costs of battery-based solutions over a 10-year period) and 20-year design life span of our products, we believe we offer one of only a few economically viable, environmentally friendly and safe products available on the market today. Given heightened social awareness and increased environmental concerns, we believe our products are well-positioned to capitalize on this trend. We believe that we are particularly well-positioned for the European market, which is characterized by higher energy costs, more significant economic incentives to use green power and a greater environmental awareness. Our products do not have the safety, toxicity and environmental concerns of battery-based solutions and they are not subject to the same physical operating requirements and can perform in harsh climates and extreme conditions far better than battery-based products. Poorly maintained battery installations can present fire and safety risks up to and including fires and explosion, and we have successfully sold our products to many customers due to their problems with batteries (high cost, high maintenance, disposal issues, low reliability) and their need for a safer and environmentally friendly alternative.

Our Business Strategy

Active Power's primary operating goal is to provide innovative three-phase power quality solutions to enable businesses to continue to operate in the event of electrical power disturbances. Key elements of our strategy include:

Migrate to a systems solution provider from current product focus

We believe that our approach of focusing on a solutions-based offering, including service, will accelerate our growth potential and path to operating profitability. Our history of product development has resulted in new and innovative products for solving power quality and reliability issues, including our CleanSource flywheel-based

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products and our CoolAir TACAS-based products. Over the last five years we have improved and broadened our range of three-phase power quality products and introduced new technologies to meet user requirements at higher and lower power levels. During this period, we primarily have employed a narrow sales channel strategy to sell our products, which resulted in our functioning largely as a product supplier to our OEM partners and direct customers. However, our experience in the market has led us to conclude that many customers prefer to be provided with a complete power quality solution, including our products, ancillary products that are needed to complete the system solution such as switching gear and generators, design and installation services, as well as regular product maintenance and repair services. We believe that changing our sales focus to one of solutions-based rather than product-focused offerings will allow us to increase revenue opportunities, increase direct end-user contact to facilitate continuing product development, create opportunities for repeat business, and enhance our ability to sell higher margin service and repair business to our customers.

Broaden our available markets and channels of distribution

Historically, the majority of our sales were made through our OEM channels. As recently as 2003, 72% of our revenues were made via our OEM channels, with the majority of this revenue coming from Caterpillar. Since then we have focused on establishing a direct sales channel that supplements our OEM channel while enabling us to expand into new geographies. We began this strategy by adding direct sales employees with power industry sales experience in Western Europe and in parts of the Caribbean and Mexico. By adding more direct and solution-focused sales personnel, we have increased the proportion of direct sales from 7% of revenue in 2002 to 48% of revenues in 2005. As we increase sales in a region, we add service personnel and project management skills to manage customer implementations and provide post-sales support. We also are adding new sales offices, complete with demonstration and service capabilities, to complement our sales activities and to create a more local presence for our international customers.

While the OEM channel has provided brand credibility to our company and our products, particularly in new markets and with larger customers, such as our multi-megawatt project customers, the OEM channel has not been effective in markets where, for example, the OEM did not have a significant existing power quality business in that market. In such situations we have elected to broaden our sales channels and have started selling products directly with Active Power personnel and through third-party representatives such as manufacturers' representatives and value-added resellers (VARs). We will continue to evaluate our OEM, VAR partners and manufacturers' representatives in each market to ensure adequate performance and growth, and to enhance the sales potential of each of our geographic regions. We also will continue to manage potential channel conflicts within markets, and continue to support the requirements of our partners to enable our success with this multi-channel global sales strategy.

In 2005, we added approximately 23 manufacturers' representatives primarily focused in North America. We also began to add more direct sales employees and sales agents to broaden our reach. We have developed a national account team in North America, which is focused on directly selling multiple units to Fortune 100 companies as a more efficient way of increasing sales volume. As we have expanded our direct selling capabilities, we also have expanded into new international markets and hired additional direct sales resources, particularly in Europe, the Middle East and Africa (EMEA) during 2005 and 2006.

As we complete the broadening of our sales channels in the Americas and EMEA, we plan to expand our sales capabilities into other regions, principally Latin America and Asia beginning in 2007. These regions fit the profile of areas where our products have been most successful to date: areas with poor power infrastructure and with growing economies. We anticipate that this expansion will increase the available market for our products and provide opportunities for further growth.

Expand our customer service capabilities

We intend to expand our customer service capabilities so that we can:

- develop direct customer relationships;
- increase revenue and margins through increased service offerings; and

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- receive more direct feedback from customers.

We are increasing the size and geographical coverage of our service organization to mirror our expanding direct sales force and to enhance the direct service capabilities we provide to our end-user customers. Historically, our OEM partners managed end-user customers and captured the service revenues. We will place additional emphasis on developing new and innovative service solutions to augment our current offerings and to provide enhanced value for the customer. Service operations have been highly profitable segments for established power quality companies, and we believe that our expanded service organization will play a key role in generating new sales prospects, increasing revenues and providing us with more future sales opportunities as a result of direct client contact.

Leverage our core technologies to develop next-generation products

We intend to continue to use our expertise in power electronics and advanced electromechanical technologies, combined with an integrated solutions approach to developing new and enhanced products, to continue to create innovative, environmentally friendly solutions that lower the cost and to increase the quality of electric power.

We will continue to improve our designs for simplicity, service and cost. We also will continue with judicious cost reductions and feature enhancements to increase customer value and ensure competitively priced and comprehensively serviced solutions. In the last five years we have invested over \$57 million in research and development of new products, features and technologies associated with power quality. We now have what we believe to be one of the broadest product offerings in the power quality market. We intend to leverage customer feedback and market intelligence so that we can capitalize on our engineering investment in our product and technology platforms, and we plan to introduce new product categories, features and benefits that will help us maintain our position as a technology leader in power quality solutions.

Increase our marketing focus to build the Active Power brand

We intend to further support our sales channels by increasing our marketing focus and by building the Active Power brand. In 2006 we added additional resources and changed our marketing focus to better leverage our multi-channel sales strategy with a more structured marketing philosophy. We believe a structured approach is necessary to create an integrated, scalable marketing plan that can support each channel, each product and each geography. We believe that more and better sales tools, more lead generation and more brand awareness due to our increased investment and market focus will lead to greater sales success.

Our Flywheel Business

Overview

Our flywheel energy storage system provides a highly reliable, low-cost and non-toxic replacement for lead-acid batteries used in conventional power quality installations. We have shipped over 1,300 flywheels, or more than 325 megawatts of our products to business locations in over 35 countries around the world.

The Flywheel Market

The principle of using stored energy in the form of a flywheel to bridge the gap between a power failure and an emergency diesel generator has been well accepted in Europe and around the world since the 1970s. In some mature markets, these type of products have the majority of the large capacity UPS business. These earlier “diesel-rotary” UPS products were limited by roller-bearing technology and possessed no more than five seconds of stored energy, requiring special arrangements for the selection and starting of the diesel generator engine. The mechanically “in-line” nature of the system also limited the output power of these products. In the 1990s advances in design including the use of permanent magnets to reduce the load on main bearings increased the performance of flywheel-designed products. Against this background, the Active Power designed products deploy far more advanced technology and can address a large market that is knowledgeable and familiar with flywheel products.

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Our flywheel products generally compete in the >200kVA UPS market. The size of this market was estimated in 2005 to be approximately \$740 million in annual sales in a 2006 Frost & Sullivan market study, and is anticipated to grow by 5.4% annually through 2012. Traditionally this market has been served by battery-based UPS technologies; however, substitute products, such as flywheels, are now offering viable alternatives to conventional UPS technology.

At the >200kVA power level, the primary market includes medium and large data centers, operator centers, telecommunications switching gear, broadcasting equipment and process-control (industrial) equipment. UPS systems at this level require special support for installing, auditing and maintaining the system. Hence, more products at this level are sold via direct sales and manufacturers' representatives. In the reseller channel, mechanical and electrical contractors contribute significantly to the sales process and are an important advocate of a vendor's product who can design a UPS manufacturer into a customer application. Most applications within this power category serve mission-critical applications. Therefore, downtime or power interruption for these applications can lead to severe financial losses for customers. This also makes this segment of the UPS market somewhat less sensitive to price because products are more likely to be evaluated in terms of product reliability, performance and power quality.

Due to the mission critical nature of the applications supported, customers are more likely to select established power quality brands and prefer a direct relationship with the supplier. Therefore, assurance of a well-developed service organization is viewed as critically important. Today this market segment is dominated by a small number of global UPS manufacturers, including Liebert, American Power Conversion, MGE and Eaton. These companies have strong brand recognition, global service capabilities and broad distribution channels. Smaller, local companies also compete in most major markets.

The biggest driver of growth for UPS systems, particularly in this high power segment, is the increase in power requirements of network and data storage equipment. This growth in power requirements is driving a change in backup power systems and we believe the number of new installations and build outs also will have a major impact on UPS growth. As power consumption is increasing, customers are looking to more efficient UPS designs that can save space, and that can operate with higher levels of efficiency to reduce electricity expenses. Conventional UPS systems use lead-acid battery-based backup solutions. While this technology is mature, there are known limitations, including the need to constantly monitor the level of availability, significant space requirements, susceptibility to high and low temperatures requiring that they be placed in temperature controlled rooms, toxicity and safety concerns, and significant annual operating and service costs. Alternative technologies that can offer higher reliability, lower total cost of operation and smaller, space efficient design, and that are safe and non-toxic, should be able to capture market share in this market segment. Flywheel-based products offer these advantages and have been in the market for a number of years to prove their reliability and efficiency. Flywheel products have been in the European market for several decades, and are more established as a viable battery alternative in that market generally. We believe that success in that market will be mirrored in other regions of the world, especially as flywheel-based products become more established.

Our successful market penetration of the UPS market primarily depends on two factors. First, our ability to compete with existing double-conversion, battery-based UPS systems. Second, the acceptance of our flywheel-based UPS in industrial applications where batteries are not an option due to the harsh operating environment. Our current flywheel products have a shorter runtime than the battery-based systems (typically 15 seconds to 60 seconds as compared to 5 minutes to 15 minutes with battery-based solutions) at a comparable installed cost. However, our flywheel UPS, when compared to equivalent lead-acid battery-based solutions, offers a significantly higher power density (4 to 15 times greater), lower lifecycle cost, lower maintenance requirements, higher power efficiency (98% as compared with high 80 to low 90 percentages for comparable battery-based double-conversion UPS systems), broader power range, and a higher operating temperature range. These product features allow us to compete more effectively with battery-based alternatives.

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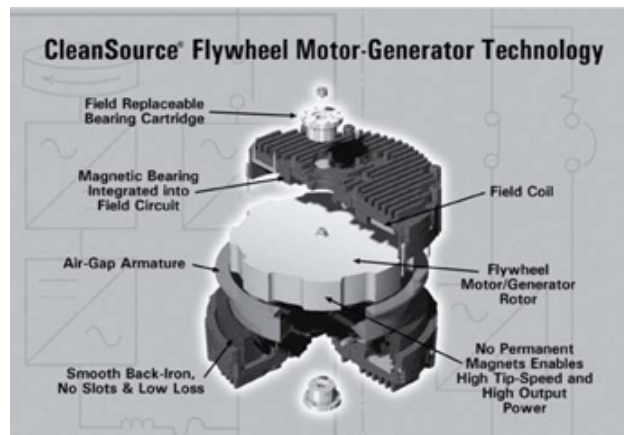
Our Flywheel Technology

Our patented flywheel energy storage system stores kinetic energy by constantly spinning a compact steel wheel (“flywheel”) acting as a motor driven by utility power in a low-friction environment. When the user requires short-term backup power (i.e., when the utility power used to spin the flywheel fluctuates or is interrupted), the flywheel’s inertia causes it to continue spinning. The resulting kinetic energy of the spinning flywheel generates electricity, known as “bridging power,” for short periods until utility power is restored or a backup electric generator starts and takes over generating longer-term backup power for extended electrical outages. We believe that, relative to other energy storage alternatives, our system provides high quality, reliable power at an effective cost.

The primary benefits of our flywheel-based systems include power density and power efficiency of up to 98%. On average, our flywheel-based UPS systems can produce twice as much power as comparable battery-based systems and only require approximately one-half of the equivalent space, or footprint, resulting in a fourfold improvement in power density. Power density for backup power equipment is defined as the amount of backup power a product can provide in a given area. Providing a greater power density allows increased power loads in customer data centers and frees up space for computing systems instead of backup power quality systems. Power efficiency is a measure of the amount of power consumed by the power quality or backup system when operating. This consumed power is also called the standby loss. The more power efficient a backup power system is, the less power it consumes. Our flywheel-based products have lower standby losses (<2%) than an equivalent battery-based system, meaning that they have higher power efficiency. As the customer’s costs of electricity rise, we believe that the efficiency of our flywheel-based systems offer greater energy savings resulting in lower total cost of ownership for the customer than battery-based systems.

Rather than rely on the flywheel concepts developed for other applications, we focused our development efforts on providing products that meet the specific needs of the three-phase power quality market. Users requiring backup power products desire products that can deliver high quality, reliable power at a reasonable price. As a result of these needs, we developed a flywheel system that operates at lower speeds (under 8,000 rotations per minute) than the original flywheel applications developed for space-based missions, and with increased reliability. These speeds are comparable to those of automobile engines and industrial machinery. This lower flywheel speed has allowed us to achieve a lower cost design by using an inexpensive bearing system and conventional steel in place of expensive composite materials.

The design of our flywheel system, which is displayed below, integrates the function of a motor (which utilizes electric current from the electric utility grid to provide the energy to rotate the flywheel), flywheel rotor (which spins constantly to maintain a ready source of kinetic energy), and generator (which converts the kinetic energy of the flywheel into electricity) into a single system. This integration further reduces the cost of our product and increases its efficiency.



The flywheel rotor is designed to spin in a near frictionless environment by the use of a low-cost combination of a magnetic and mechanical bearing system. The friction in the spinning chamber is further reduced by the creation of a partial vacuum, which reduces the amount of air in the chamber that otherwise creates drag on the

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flywheel rotor. The flywheel rotor stores energy in the form of kinetic energy by constantly rotating within the vacuum container. As the flywheel rotor slows down when a user requires power, the rotor's magnetism is increased as it rotates past copper coils contained in the armature to generate constant output power. This enables the flywheel system to provide between 15 seconds and 60 seconds of electricity during power disturbances. While a lead-acid battery can typically provide backup power for a much longer period, this capability usually is not required when a customer also employs a backup generator. Our flywheel-based system can provide ride-through, or temporary, power for the majority of power disturbances, such as voltage sags and surges, and can bridge the gap between a power outage and the time required to switch to generator power.

We have verified our flywheel design with both internal and external three-dimensional finite element analysis, as well as tests designed to determine the flywheel's safety at varying speeds. We test each flywheel rotor with stringent quality control methods. These tests have demonstrated a factor of safety consistent with common industrial machines such as large motors and generators.

Our Flywheel Products

CleanSource DC

CleanSource DC is a non-chemical replacement for lead-acid batteries used for short-term backup power in power quality installations. Utilizing our flywheel energy storage technology, CleanSource DC is a stand-alone direct current (DC) product that is compatible with all major brands of UPS. It is compact, quiet and has demonstrated field-proven reliability. When the UPS electronics detect a power disturbance, CleanSource DC draws on the power stored as kinetic energy in the flywheel to generate backup power.

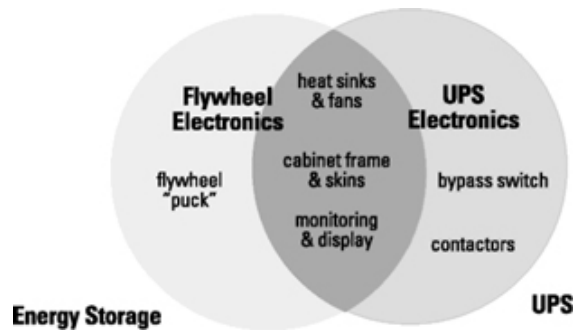
CleanSource DC can operate in conjunction with or can replace battery strings used in UPS and continuous power systems, or CPS. It also can replace the batteries now used with fuel cells and micro-turbines to meet peak power demands. This system is available in a variety of delivered power ratings up to 500 kW per flywheel system. We also can configure the units in parallel to meet higher power requirements. CleanSource DC has been designed for much longer service intervals and more extreme operating environments than typical lead-acid battery installations. Our longest continually running CleanSource DC unit was installed in June 1998. Our installed CleanSource DC units have accumulated approximately 6.8 million hours of field-proven reliability through June 30, 2006. The CleanSource DC comprised approximately 13% of our total revenue during 2005.

CleanSource UPS

We built on the technological success of CleanSource DC by creating a battery-free UPS, CleanSource UPS, which now represents the majority of our current revenues. Instead of a UPS and string of batteries in two separate cabinets, we have integrated the UPS electronics and our flywheel energy storage system into one compact cabinet. Our installed CleanSource UPS units have accumulated over 15.7 million hours of field operation as of June 30, 2006. The CleanSource UPS product family comprised approximately 69% of our total revenue during 2005, and 70% of our revenue in the quarter ending June 30, 2006.

The CleanSource UPS design takes advantage of the many component similarities between CleanSource DC and standard UPS electronics. Each system requires power conversion electronics, fans for cooling, a frame for structural support, a user display with data reporting capability, and other overlapping functions. By combining these functions into a single system, as shown in the diagram below, we can provide a highly reliable, cost-efficient power quality solution.

CleanSource UPS System Efficiencies *System Efficiencies*



Due to its proprietary cost-efficient design, CleanSource UPS can be competitively priced in relation to the installed cost of a conventional battery-based UPS. Due to its high operating efficiency, small footprint and long service life, we believe that the total cost of ownership of CleanSource UPS, which includes the purchase price, installation, maintenance and energy costs accumulated over a 10-year period, is less than half of that of conventional battery-based UPS systems. We designed CleanSource UPS to be compatible with new and installed standby generators, extending their application to use in a continuous power system, or CPS. We currently offer our CleanSource UPS product line in 65 kVA – 1200 kVA power ranges, and it can be configured in parallel up to 3600 kVA.

Our megawatt-class CleanSource UPS platform uses a separate power electronics platform than the CleanSource UPS systems in the 65 kVA – 900 kVA power ranges. With its compact and efficient design, we believe that our megawatt-class product gives us a significant competitive advantage in the high power UPS market, which is currently served by only a few battery-free companies. We also have the ability to configure multiple megawatt-class UPS systems together in parallel up to 3600 kVA, as evidenced by our having sold multiple 2400/2000 kVA UPS. The customers of high power UPS systems demand that they be highly configurable. We believe that the ability to link multiple of our megawatt class UPS machines in parallel to support higher power levels will allow us to address the multi-megawatt market for power quality equipment by offering our customers a large building block, thereby requiring fewer UPS systems, to address their multi-megawatt power quality needs. We installed our first paralleled megawatt-class UPS system in 2005.

Flywheel Customers

Prior to 2003 our primary customers were OEMs. Our most significant OEM customer has been and continues to be Caterpillar, which distributes CleanSource UPS under its own brand name.

During 2004 and 2005 we continued to make progress with our Active Power-branded sales channel by selling CleanSource UPS and DC products directly and through manufacturers' representatives throughout North America and in several other international regions. This sales and distribution channel has increased our end-user interaction and allowed us to respond to customer needs more quickly. Our Active Power-branded sales channel contributed 48% of our revenues during 2005, as compared to 40% in 2004 and 25% in 2003.

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The following table provides a representative sample of customers that use our flywheel products, and includes customers sold directly by us or by our OEM partners:

<u>Industry</u>	<u>Representative Customers</u>	
Utilities	<ul style="list-style-type: none">• Southern Company• Reliant Energy• Covington Electric Co-op	<ul style="list-style-type: none">• AEP• JEA• First Energy
Communications	<ul style="list-style-type: none">• Telemundo• Christian Television Network• Level 3 Communications• EchoStar Communications	<ul style="list-style-type: none">• NBC• ABC• AT&T• Cable & Wireless
Manufacturing	<ul style="list-style-type: none">• Abbot Laboratories• GE Industrial Systems• Michelin• Wyeth	<ul style="list-style-type: none">• Asea Brown Boveri• STMicroelectronics• Goodyear• Group Tonic
Technology	<ul style="list-style-type: none">• Fuji• Sun Microsystems• Hewlett Packard• Freescale Semiconductor	<ul style="list-style-type: none">• Siemens• 3M• Micron Technologies
Financial Institutions	<ul style="list-style-type: none">• Visa• MBNA	<ul style="list-style-type: none">• GMAC
Healthcare, Government, Other	<ul style="list-style-type: none">• Albertsons• HEB• Fairview Hospital• University of Michigan	<ul style="list-style-type: none">• Nestle• Lockheed Martin• US Air Force• US Dept. of Veterans' Affairs

Competition

Our CleanSource DC product competes with makers of lead-acid batteries and organizations developing battery-free technologies for UPS applications. Among the manufacturers of battery-free products, Piller, a European-based company, currently offers a flywheel energy storage system that competes with the CleanSource DC at comparable power levels. However, the Piller flywheel is only available with Piller's proprietary UPS system. In addition, Pentadyne, a US-based private company, recently began to offer a DC flywheel energy storage system. Examples of other technologies potentially competitive with CleanSource DC include high-speed composite flywheels, ultra capacitors and superconducting magnetic energy storage. To date, however, we believe that none of these technologies has achieved a sufficient presence in our market to be considered a direct competitor.

The CleanSource UPS competes primarily with battery-based UPS manufacturers such as Eaton Electrical, Liebert and MGE UPS Systems. In addition, the CleanSource UPS competes with battery-free systems from Piller, Hitec and KS Techniques (previously EuroDiesel).

With the megawatt-class CleanSource UPS, we are competing with the same group of competitors mentioned above. However, we believe this megawatt class UPS market currently comprises the largest percentage of battery-free UPS systems in the UPS market. We believe the broader market acceptance of battery-free technologies in this power range should strengthen our competitive position.

Our CoolAir Business

CoolAir Overview

CoolAir DC provides backup power for several minutes to hours depending on the customer application. CoolAir DC utilizes mature thermal and compressed air storage (TACAS) technologies combined in a proprietary manner to produce backup power and backup cooling during an electrical disturbance. CoolAir DC is initially

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targeted at lower power levels than our flywheel products, and is sold as a minute-for-minute replacement for lead-acid batteries. In addition to offering a DC-only solution, when customers desire a complete backup solution with an extended runtime, we have introduced the CoolAir UPS that couples our CoolAir DC product with a third party double-conversion UPS.

The CoolAir Market

At its current power levels, the CoolAir product primarily competes in the 20-200kVA UPS power market against conventional battery-based UPS systems. According to an independent market analysis of the 2005 global UPS market by Frost & Sullivan, this segment represented approximately 20% of the global UPS market in 2005, with annual sales of approximately \$1.1 billion, and is projected to grow at an annual rate of approximately 5% through 2012.

The primary customers in this power level include mission-critical and large-scale equipment, and typically are sold for operator centers, telecommunication equipment switching gear, broadcasting equipment, imaging diagnostic equipment, small and medium size data centers, and process and automation equipment. At this power level, compared to the market for our flywheel business, a greater percentage of sales is made regionally by local resellers. It is estimated that less than one-third of sales are made directly, compared to two thirds in the >200kVA segment.

Frost & Sullivan estimated sales growth in the 20-200 kVA market at approximately 13% in 2005, faster than the growth rate in the overall UPS market, particularly in North America and Asia, driven by strong demand in the healthcare, high-tech manufacturing and the financial services industries. Frost & Sullivan also expects this segment to continue to grow faster than the overall UPS market.

The primary drivers of growth in this segment are similar to those in our flywheel market and include renewed IT and process upgrades which are increasing power requirements for many organizations and forcing end-users to upgrade their existing power infrastructure. At this lower power level there are more competitors, particularly from Asia, which has contributed towards higher price competition and commoditization of product due to lack of innovation. Competitors have sourced manufacturing offshore to mitigate the effects of this price competition.

Applications in this power segment are often mission critical, which means a high level of user involvement and interaction between the supplier and customer during the purchase process to ensure proper configuration, service, assurance, level of reliability and delivery. This leads to increased involvement of local manufacturers' representatives and local consulting or electrical engineers in the sales process. Often the choice of sales channel varies by geographic region due to local alliances, local tariffs and regional voltages, as well as a supplier's position in a given market.

Like the high-power market, brand and service capabilities are important competitive differentiators. If a workstation or equipment fails, customers may suffer potentially significant economic losses. This increased awareness and application criticality have led to an increased level of brand loyalty in this market. Customers want high reliability and features such as product certifications, high power correction factors, maintenance bypass features and monitoring services. These customers also recognize the need for service and after-sales maintenance. UPS products have become more reliable and robust over time, but the backup battery system remains a prevalent source of failure in UPS systems. As a result, monitoring services are as valuable to customers as maintenance.

As most of these UPS systems are used in conjunction with an application, growth in the UPS market should be tied to growth in the application market. However, in recent years the proliferation of the Internet and PCs has been the primary driver of growth.

Overall, brand recognition and service capabilities are the most likely basis of competition due to the maturity of the markets and the lack of product innovation to differentiate similar product offerings. The ability to offer space savings, higher reliability and better service often will determine success in a market, although some markets, particularly in Asia continue to be driven primarily by price.

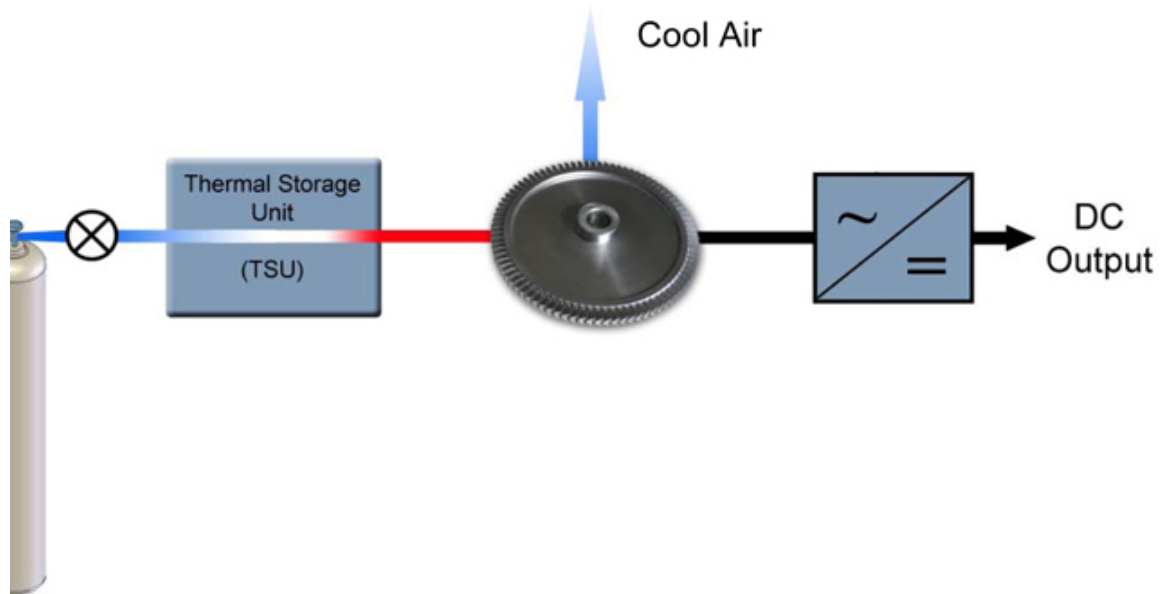
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Thermal and Compressed Air Storage System Technology

In September 2004 we first introduced a new battery-free technology that utilizes thermal and compressed air storage (TACAS) systems to provide backup power for an extended runtime (minutes to hours) while simultaneously providing backup cooling during an electrical outage or disturbance.

During standby operation (when utility power is present), breathable compressed air can be used as an energy source stored in standard air cylinders. A nominal amount of electricity is used to keep the thermal storage material heated at the proper temperature using basic and redundant electric heating elements. In the event of a power disturbance, a valve is opened releasing the compressed air, which is routed through the thermal storage unit to gain additional energy. This heated air is then applied to an air motor (expansion turbine) that spins at high speeds and turns a permanent magnet alternator, which, in turn generates power that is used to support the critical load. Depending on the application, this product provides backup power for minutes to hours. When utility power is restored, the system can electrically recharge by using some electricity to compress air back into the cylinders and to re-heat the thermal storage material. The byproduct from operation of this system is a discharge of cool air which can be used to cool electronic equipment in the room prior to an orderly data center shutdown or until the data center cooling systems are restored on generator or utility power.

The following graphic depicts the TACAS system:



CoolAir Products

CoolAir DC

Our first product based on this TACAS technology platform is being marketed as CoolAir DC. While CoolAir DC provides extended runtimes similar to battery solutions, it does so without any of the inherent limitations of batteries related to reliability, manageability and maintainability. CoolAir DC utilizes readily available compressed air and thermal energy storage along with simple and reliable mechanical components that combine to produce a predictable and reliable source of DC power that does not degrade over time. In addition, CoolAir DC has the capability to provide backup cooling that has become an important requirement of today's datacenters because of ever-increasing power densities. In December 2004, we shipped our first CoolAir DC evaluation unit. We recorded our first sale of a CoolAir DC in December 2005, and began commercial production during the second quarter of 2006.

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CoolAir DC was developed to meet the needs of the market where customers require minutes to hours of backup power because they typically do not have backup generators. Based on our primary research, we believe a substantial portion of customers within the three-phase UPS market in North America do not have a backup generator and require extended runtimes between 5 and 30 minutes. Similarly, this market segment does not typically have their HVAC system on backup power so that during an outage critical equipment is not being cooled, even if it has backup power. Thus, having the CoolAir DC expel cool air during a power interruption can be of value to these customers by reducing the possibility of a thermal shutdown and allowing critical equipment to run for a longer duration in the event of an extended power outage. CoolAir DC is flexible in its configuration and can easily extend the runtime by simply adding more compressed air tanks. Applications demanding such extended runtime are, for example, the mid-range UPS market (roughly defined as 5 to 200 kVA), where 15 minutes of backup power is required to allow the customer to shut down its critical equipment in an orderly manner. The CoolAir DC system is currently available for a power rating from 32 to 80 kW.

CoolAir DC has lower expected lifecycle costs than battery solutions due to its projected 20-year lifespan, as well as comparatively low maintenance and replacement part requirements. In some instances, the initial cost of CoolAir DC may be higher than batteries for a customer. To help mitigate this upfront financial impact on customers, we are offering customers a usage or lease option in addition to a purchase option. The usage option includes warranty, maintenance and testing for a single price per year during a 3, 5 or 10-year agreement. The usage model spreads out the payments over an agreed term, and offers customers a consistent, predictable cost over time. CoolAir DC can be sold with a UPS or sold into existing UPS installations to replace a customer's lead-acid batteries.

CoolAir UPS

To provide the fastest route to market for a complete UPS solution for our customers requiring extended runtime, we have teamed with a division of General Electric Corporation to provide an Active Power-branded UPS, which is marketed as CoolAir UPS. This CoolAir UPS solution leverages the TACAS technology and simply couples the CoolAir DC unit with a GE-sourced double-conversion UPS. We can also sell the GE-sourced double-conversion UPS directly to customers without the CoolAir DC. In addition to all the energy storage benefits of the TACAS technology listed above, CoolAir UPS also provides benefits such as tighter voltage regulation and better transient response that leads to much improved output power quality relative to our competitors' UPS products. With the ability to parallel the GE-sourced UPS, multiple CoolAir UPS systems may be connected in parallel to create a backup power system up to 800 kVA.

CoolAir Customers

We began commercially selling CoolAir DC in the second quarter of 2006, and so our customer base is limited. However, some of the markets and applications that we have already shipped or sold into include the following:

<u>Industry</u>	<u>Application</u>
Utilities	Research Laboratory, Load Leveling
Semiconductor Manufacturing	Chip Manufacturing, Process Manufacturing
Academic Institutions	Data Center Operations
Financial Institutions	Data Center, Travel Center Operations
Solar Cell Manufacturing	Load Leveling

Competition

CoolAir DC competes primarily against battery cabinet offerings for 20–200 kVA UPS provided by suppliers such as Eaton Electrical, Liebert, American Power Conversion and MGE UPS Systems. To our knowledge, there are no commercially available battery-free extended runtime products within this market space. CoolAir DC provides extended runtimes similar to batteries, without any of their inherent limitations related to reliability, manageability and maintainability. In addition, CoolAir DC has the capability to provide back-up cooling that has become an important requirement of today's data centers because of the ever-increasing power

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densities that generate heat within data centers. Our ability to compete effectively with the CoolAir DC product will primarily depend on the rate of acceptance of this new technology in the small to medium business segment.

CoolAir UPS is a 20–100 kVA double-conversion UPS solution that utilizes the TACAS technology for energy storage. With the CoolAir UPS, we compete against battery-based UPS solutions provided by the same group of competitors as mentioned above. Our ability to succeed within this space is also strongly dependent on the acceptance of the TACAS technology within this market segment. A differentiated offering and a strong value proposition for customers have allowed us to sign various top power quality manufacturers' representatives to carry CoolAir UPS as their primary UPS offering. This manufacturers' representative channel now provides significant coverage for the CoolAir UPS throughout United States.

Sales and Marketing

For the last several years our sales and marketing activities were focused principally on training and supporting our OEM customers. Since 2000 we have hosted numerous Caterpillar dealers and Eaton Electrical sales representatives to promote awareness of our UPS and DC products and to demonstrate the capabilities and market opportunities of these products. We also implemented several programs aimed at increasing OEM engagement and focusing on selling our products and have conducted regular intensive sales programs focused on enabling and educating our OEM partners throughout the United States and in Europe. These sales programs are used to increase product awareness and sales effectiveness.

Our primary sales channels in North America have traditionally been through our OEM partners, Caterpillar and Eaton Electrical. As we began to broaden our sales channels in 2005, we shifted the focus of our sales and marketing activities to direct sales, while still supporting our existing channel partners. In 2005 we undertook a campaign to recruit regional manufacturers' representatives in the United States and Canada, and added direct sales employees and sales agents for certain products and geographic regions, particularly in Europe, to increase our market coverage. In 2006 we have been growing our geographically dispersed direct sales force to focus on direct customer relationships within specific geographic regions and particularly on specific national accounts. Direct sales tend to improve our relationships with customers, improve our gross margins and add service revenue opportunities.

Our primary sales channels in EMEA include direct sales and select VARs. We also provide services including engineering, installation, start-up, monitoring, and repair for our products under contracts with our customers.

Our marketing efforts focus on developing and sustaining key relationships with industry influencers, such as design engineers, and our channel partners, participating in trade shows to promote the brand and launch our products, and equipping and training our Active Power salespeople and our channel partners. We also work with OEM partners on promotional activities such as advertising development, direct mail and seminar strategies. We use our marketing resources to stimulate end-user interest through trade press articles, participation in industry conferences, online marketing, and limited direct mail to specific power quality prospects. In 2005 and 2006 we increased our marketing efforts in support of our direct selling activities in an effort to increase sales of Active Power-branded products and services.

Service and Support

Our first priority is to sell service contracts directly to our end-users to parallel our increased efforts to build our global direct sales force. In 2006 we began focusing on increasing our service revenues through increased customer coverage and additional value-add service offerings. We anticipate that in 2006 our service revenues will substantially grow through the direct sale of Active Power service contracts, parts, training, and installation. As we increase direct sales under the Active Power brand, we believe that this will provide us with more opportunities to increase the number of relationships with end-user customers and therefore increase service and support revenues from those customers.

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Similar to our sales and marketing activities, prior to 2005 we focused on educating and training our OEM customers on the service and maintenance of our products. We believe their engagement reduced the need for us to have a large internal support organization by enabling our OEMs to provide installation, service and primary support to their customers. We also expanded our service coverage areas and entered into strategic partnerships to broaden our service reach in areas where it was impractical or inefficient to staff Active Power employees. The training programs are hosted at our Austin, Texas location where we have a sophisticated training facility, and where the service people can get hands-on-experience with our products. All of our OEM customers must be certified by Active Power in order to service our products.

We will continue to support our OEM partners who sell service contracts for our products to their customers. We understand the importance of growing service in these OEM channels as we shift to our multi-channel sales strategy.

Strategic Relationships

Caterpillar

In 1999 we established a strategic relationship with Caterpillar, pursuant to which we granted Caterpillar the worldwide right to distribute many of our CleanSource UPS products under the “Cat UPS” brand name. Caterpillar is a market leader in new generator sales and has the largest installed base of existing standby generators in the world. By offering the Cat UPS with a standby generator, Caterpillar can transform a standby power system into a CPS. The combined solution reduces maintenance costs and increases reliability relative to traditional CPS products. Moreover, because Caterpillar’s product line now includes both a UPS and a generator along with switchgear Caterpillar is now selling, Caterpillar can install and service a complete CPS under a single and very recognizable brand name. We believe that this total solution gives both Caterpillar and Active Power a significant competitive advantage in the power quality market.

UPS Development Agreement. We entered into a development agreement with Caterpillar in January 1999 for the creation and distribution of a UPS marketed under the Caterpillar brand name. Under this agreement, Caterpillar invested \$5 million in this development. We began shipments of the Cat UPS in 2000. While we retained sole ownership of the underlying flywheel energy storage technology, we jointly own with Caterpillar intellectual property directed to the integration of UPS electronics with the CleanSource flywheel technology. Either we or Caterpillar may license to others the intellectual property that we jointly own without seeking the consent of the other and the licensing party will solely retain all licensing revenue generated by licensing the joint intellectual property. However, we may not license the joint intellectual property to specifically identified competitors of Caterpillar until January 1, 2007. To date, neither party has licensed the technology to a third party.

We entered into a second development with Caterpillar in September 2001 to develop a high power flywheel UPS platform that Caterpillar may ship under the Cat UPS brand name. Caterpillar invested an additional \$5 million in this development. We began shipping this high power UPS in the third quarter of 2003.

Distribution Agreement. Under our distribution agreement with Caterpillar, we sell Cat UPS equipment to them at set prices. During 2005, 2004, and 2003, we received approximately 42%, 54% and 60%, respectively, of our revenue from Caterpillar and its dealer network under this agreement. The principal provisions of this distribution agreement are summarized below:

- Caterpillar has semi-exclusive worldwide rights to distribute Cat UPS under the Caterpillar brand name;
- If Caterpillar meets minimum semi-annual sales requirements, we will not sell Cat UPS to specifically identified competitors of Caterpillar until January 1, 2007 or the termination of the distribution agreement (Caterpillar has not met the minimum annual sales requirements); and
- We will provide Caterpillar the same warranty Caterpillar provides to its customers who purchase electric power generation products (one year from delivery to the end-user).

Under our existing agreement, Caterpillar may continue to distribute Cat UPS until January 1, 2007. At such time the agreement will continue for additional six-month periods unless either party provides to the other,

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within ninety days of the end of a period, written notice of its decision not to renew the distribution agreement. The agreement may also be terminated by Caterpillar if we fail to cure any material breach by us, if the Cat UPS we manufacture consistently and materially fails to meet our published specifications, or if we substantially and continuously fail to meet agreed shipment dates for products ordered by Caterpillar. Finally, either party may terminate the agreement in the event of a change of control of the other.

To date, sales by Caterpillar have been short of the contractual minimums necessary for Caterpillar to retain semi-exclusivity; however, we have continued to work with Caterpillar as our primary UPS OEM customer and have not sold the UPS to any of Caterpillar's identified competitors. Our agreement with Caterpillar expires in January 2007. While we intend to renew this agreement, and currently believe that Caterpillar intends to renew the agreement, we cannot be sure that such renewal will take place.

Eaton Electrical

Eaton Electrical is a global leader in power systems technology and has a broad range of UPS products and services available worldwide. Eaton Electrical sells and services the CleanSource DC product with its own UPS, delivering a battery-free backup power solution. Eaton Electrical has a well-established sales and service network that allows it to provide an effective sales channel and quality service to our end-users around the world. We recently renewed our worldwide distribution agreement with a one-year term that gives Eaton Electrical the non-exclusive right to distribute and sell the CleanSource DC worldwide. Eaton Electrical is under no obligation to purchase any CleanSource DC units from us.

GE Consumer and Industrial

Purchase Agreement. We have a purchase agreement with GE Consumer and Industrial (formerly GE Digital Energy), a division of General Electric responsible for power quality equipment. GE has the non-exclusive right to purchase and sell our CleanSource DC products. Sales of our products through this channel were negligible in 2005; however, we have experienced and are anticipating additional sales of our CleanSource DC products through this channel in 2006.

Sourcing Agreement. During 2005, GE Zenith Controls and Active Power entered into a long-term supply agreement for uninterruptible power supplies and related accessories. This agreement allows us to buy and resell GE's 60 Hz double-conversion UPS line in North America. In 2005 we began selling these GE UPS systems on a stand-alone basis themselves; and in 2006 they are being sold along side our CoolAir DC product through our direct and manufacturers' representative sales channels.

Other CleanSource DC Distributors

In addition to Caterpillar, Eaton Electrical and GE, we have distribution agreements with other OEM customers that have coverage in other geographical areas (e.g., Japan and The Republic of South Korea). To date, none of these distributors has generated significant revenue for us.

SELLING SECURITYHOLDERS

The selling securityholders may be our directors, executive officers, former directors, employees, former employees or other holders of our common stock. The common stock that may be sold by the selling securityholders was issued in various private placements in connection with our founding and incorporation in August 1992 or may be acquired after the date hereof by the exercise of options held by certain of our officers, directors and employees. The prospectus supplement for any offering of the common stock by selling securityholders will include the following information:

- the names of the selling securityholders;
- the nature of any position, office or other material relationship which each selling stockholder has had within the last three years with us or any of our predecessors or affiliates;
- the number of shares held by each of the selling securityholders before and after the offering;
- the percentage of the common stock held by each of the selling securityholders before and after the offering; and
- the number of shares of our common stock offered by each of the selling securityholders.

DESCRIPTION OF CAPITAL STOCK

General

The following is a summary of the key terms and provisions of our capital stock. You should refer to the applicable provisions of our restated certificate of incorporation, our amended and restated bylaws, the Delaware General Corporation Law and the documents that we have incorporated by reference, including the description of our common stock contained in our registration statement on Form 8-A (filed June 30, 2000) (including any amendment or report filed for the purpose of updating such description), the description of our stock purchase rights contained in our registration statement on Form 8-A (filed December 14, 2001) (including any amendment or report filed for the purpose of updating such description) and the description of the Series A Junior Participating Preferred Stock contained in our Form 8-K (filed December 14, 2001) (including any amendment or report filed for the purpose of updating such description) for a complete statement of the terms and rights of our capital stock. See “Where You Can Find More Information” beginning on page 48.

As of the date of this prospectus, we are authorized to issue up to 150,000,000 shares of common stock, par value \$0.001 per share, and up to 10,000,000 shares of preferred stock, par value \$0.001 per share. Of such shares of preferred stock, 400,000 have been designated as “Series A Junior Participating Preferred Stock,” the rights, preferences and privileges of which are set forth in the Certificate of Designation of Series A Junior Participating Preferred Stock of Active Power filed with the Secretary of State of Delaware on December 18, 2001 (a form of which is included as an exhibit to our Form 8-K (filed December 14, 2001), which is incorporated herein by reference). As of August 9, 2006 we had 49,817,101 shares of common stock and no shares of preferred stock issued and outstanding.

The registrar and transfer agent for our common stock is American Stock Transfer & Trust Company and its address is 6201 15th Avenue, Brooklyn, NY 11219.

Common Stock

All of the outstanding shares of common stock are, and the common stock offered by any prospectus supplement will be, validly issued, fully paid and nonassessable upon issuance against full payment of the purchase price. Each share of common stock has an equal and ratable right to receive dividends when, as and if declared by the board of directors out of assets legally available therefor and subject to the dividend obligations to the holders of any preferred stock then outstanding.

In the event of our liquidation, dissolution or winding up, the holders of common stock are entitled to share equally and ratably in the assets available for distribution after payment of all liabilities and subject to any prior rights of any holders of preferred stock that at the time may be outstanding.

The holders of common stock have no preemptive, subscription or conversion rights, and are not subject to further calls or assessments of Active Power. There are no redemption or sinking fund provisions applicable to the common stock. Each share of common stock is entitled to one vote in the election of directors and on all other matters submitted to a vote of stockholders. Holders of common stock have no right to cumulate their votes in the election of directors, such that the holders of a majority of the shares of common stock can elect all of the members of the board of directors standing for election.

Preferred Stock

Of the authorized shares of preferred stock, 400,000 shares have been designated as “Series A Junior Participating Preferred Stock,” the rights, preferences and privileges of which are set forth in the Certificate of Designation of Series A Junior Participating Preferred Stock of Active Power filed with the Secretary of State of Delaware on December 18, 2001, a summary and form of which can be found in our Form 8-K filed December 14, 2001, which is incorporated herein by reference. Shares of preferred stock may be issued from time to time in one or more series, and the board of directors, without further approval of the stockholders, is authorized to fix the dividend rates and terms, conversion rights, voting rights, redemption rights and terms, liquidation preferences and any other rights, preferences, privileges and restrictions applicable to each series of preferred stock. The purpose of

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authorizing the board of directors to determine such rights, preferences, privileges and restrictions is to allow such determinations to be made by the board of directors instead of the stockholders and to avoid the expense of, and eliminate delays associated with, a stockholder vote on specific issues.

Undesignated preferred stock may enable our board of directors to render more difficult or to discourage an attempt to obtain control of us by means of a tender offer, proxy contest, merger or otherwise, and to thereby protect the continuity of our management. As a result, the issuance of shares of a series of preferred stock may discourage bids for our common stock or may otherwise adversely affect the market price of our common stock or any other series of our preferred stock. The issuance of shares of preferred stock may also adversely affect the rights of the holders of our common stock. For example, any preferred stock issued will rank senior to our common stock as to dividend rights and liquidation preference, may have full or limited voting rights and may be convertible into shares of common stock or other securities.

The following description of the terms of the preferred stock sets forth some of the general terms and provisions of our authorized preferred stock. If we offer preferred stock under this prospectus or any accompanying prospectus supplement, the terms may include the following:

- the number of shares of each such series and the designation thereof;
- the annual rate or amount of dividends, if any, payable on shares of each such series (which dividends would be payable in preference to any dividends on common stock), whether such dividends shall be cumulative or non-cumulative and the conditions upon which and/or the date when such dividends shall be payable;
- whether the shares of each such series shall be redeemable and, if so, the terms and conditions of such redemption, including the time or times when and the price or prices at which shares of each such series may be redeemed;
- the amount, if any, payable on shares of each such series in the event of liquidation, dissolution or winding up of the affairs of the Company;
- whether the shares of each such series shall be convertible into or exchangeable for shares of any other class, or any series of the same or any other class, and, if so, the terms and conditions thereof, including the price or prices or the rate or rates at which shares of each such series shall be so convertible or exchangeable, and the adjustment which shall be made, and the circumstances in which such adjustments shall be made, in such conversion or exchange prices or rates; and
- whether the shares of each such series shall have any voting rights in addition to those prescribed by law and, if so, the terms and conditions of exercise of voting rights.

This description of the terms of the preferred stock is not complete and will be subject to and qualified by the certificate of designation relating to any applicable series of preferred stock.

DESCRIPTION OF DEBT SECURITIES

Any debt securities that we offer under a prospectus supplement will be direct, unsecured general obligations. The debt securities will be either senior debt securities or unsecured subordinated debt securities. The debt securities will be issued under one or more separate indentures between us and a banking or financial institution, as trustee. Senior debt securities will be issued under a senior debt indenture and subordinated debt securities will be issued under a subordinated debt indenture. Together the senior debt indenture and the subordinated indenture are called “indentures.” The indentures will be supplemented by supplemental indentures, the material provisions of which will be described in a prospectus supplement.

As used in this description, the words “Active Power,” “we,” “us” and “our” refer to Active Power, Inc. and not to any of its subsidiaries or affiliates.

We have summarized some of the material provisions of the indentures below. This summary does not restate those agreements in their entirety. A form of senior indenture and a form of subordinated indenture have been filed as exhibits to the registration statement of which this prospectus is a part. We urge you to read each of the indentures because each one, and not this description, defines the rights of holders of debt securities.

Capitalized terms defined in the indentures have the same meanings when used in this prospectus.

General

The debt securities issued under the indentures will be our direct, unsecured general obligations. The senior debt securities will rank equally with all of our other senior and unsubordinated debt. The subordinated debt securities will have a junior position to all of our senior debt.

A portion of our assets are held by operating subsidiaries, including Active Power (Switzerland) AG, Active Power (Germany) GmbH, and Active Power (Italy) S.r.l., as well as other direct and indirect subsidiaries that we may establish from time to time. With respect to these assets, holders of senior debt securities that are not guaranteed by our operating subsidiaries and holders of subordinated debt securities will have a position junior to the prior claims of creditors of these subsidiaries, including trade creditors, debtholders, secured creditors, taxing authorities, guarantee holders and any preferred stockholders, except to the extent that we may ourselves be a creditor with recognized claims against any subsidiary. Our ability to pay the principal, premium, if any, and interest on any debt securities is, to a large extent, dependent upon the payment to us by our subsidiaries of dividends, debt principal and interest or other charges.

The following description sets forth the general terms and provisions that could apply to debt securities that we may offer to sell. A prospectus supplement relating to any series of debt securities being offered will include specific terms relating to the offering. These terms will include some or all of the following:

- the title and type of the debt securities;
- principal amount of the debt securities;
- the issue price of the debt securities;
- the dates on which the principal of the debt securities will be payable;
- the minimum denominations of the debt securities;
- the interest rate which the debt securities will bear and the interest payment dates for the debt securities;
- any conversion or exchange features;
- any optional redemption periods;
- any sinking fund or other provisions that would obligate us to repurchase or otherwise redeem some or all of the debt securities;
- any provisions granting special rights to holders when a specified event occurs;

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- any changes to or additional events of default or covenants;
- any special tax implications of the debt securities, including provisions for original issue discount securities, if offered; and
- any other terms of the debt securities.

None of the indentures will limit the amount of debt securities that may be issued. Each indenture will allow debt securities to be issued up to the principal amount that may be authorized by us and may be in any currency or currency unit designated by us.

Debt securities of a series may be issued in registered, bearer, certificated or global form.

Subsidiary Guarantees

If the applicable prospectus supplement relating to a series of our senior debt securities provides that those senior debt securities will have the benefit of a guarantee by any or all of our operating subsidiaries, payment of the principal, premium, if any, and interest on those senior debt securities will be unconditionally guaranteed on an unsecured, unsubordinated basis by such subsidiary or subsidiaries. The guarantee of senior debt securities will rank equally in right of payment with all of the unsecured and unsubordinated indebtedness of such subsidiary or subsidiaries.

If the applicable prospectus supplement relating to a series of our subordinated debt securities provides that those subordinated debt securities will have the benefit of a guarantee by any or all of our operating subsidiaries, payment of the principal, premium, if any, and interest on those subordinated debt securities will be unconditionally guaranteed on an unsecured, subordinated basis by such subsidiary or subsidiaries. The guarantee of the subordinated debt securities will be subordinated in right of payment to all of such subsidiary's or subsidiaries' existing and future senior indebtedness (as defined in the related prospectus supplement), including any guarantee of the senior debt securities, to the same extent and in the same manner as the subordinated debt securities are subordinated to our senior indebtedness (as defined in the related prospectus supplement). See “—Subordination” below.

The obligations of our operating subsidiaries under any such guarantee will be limited as necessary to prevent the guarantee from constituting a fraudulent conveyance or fraudulent transfer under applicable law.

Covenants

Under the indentures, we:

- will pay the principal of, interest and any premium on, the debt securities when due;
- will maintain a place of payment;
- will deliver a certificate to the trustee at the end of each fiscal year reviewing our obligations under the indentures;
- will preserve our corporate existence; and
- will deposit sufficient funds with any paying agent on or before the due date for any principal, interest or premium.

Mergers and Sale of Assets

The indentures will provide that we may not consolidate with or merge into any other person or sell, convey, transfer or lease all or substantially all of our properties and assets (on a consolidated basis) to another person, unless:

- either: (a) Active Power is the surviving corporation; or (b) the person or entity formed by or surviving any such conversion, consolidation, amalgamation or merger (if other than Active Power) or to which such sale, assignment, transfer, conveyance or other disposition has been made is a

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corporation, limited liability company or limited partnership organized or existing under the laws of the United States, any state of the United States or the District of Columbia;

- the person or entity formed by or surviving any such conversion, consolidation, amalgamation or merger (if other than Active Power) or the person or entity to which such sale, assignment, transfer, conveyance or other disposition has been made assumes all the obligations of Active Power under the securities and the indentures pursuant to agreements reasonably satisfactory to the trustee; *provided* that, unless such person or entity is a corporation, a corporate co-issuer of the securities will be added to the applicable indenture by agreements reasonably satisfactory to the trustee;
- we or the successor will not immediately be in default under the indentures; and
- we deliver an officer's certificate and opinion of counsel to the trustee stating that such consolidation or merger complies with the indenture and that all conditions precedent set forth in the indenture have been complied with.

Upon the assumption of our obligations by a successor, we will be discharged from all obligations under the indentures.

Events of Default

"Event of default," when used in the indentures, with respect to debt securities of any series, will mean any of the following:

- default in the payment of any interest upon any debt security of that series when it becomes due and payable and continuance of such default for a period of 30 days;
- default in the payment of the principal of (or premium, if any, on) any debt security of that series at its maturity;
- default in the performance, or breach, of any covenant set forth in Article Ten of the indenture (other than a default in a covenant whose performance or whose breach is elsewhere specifically dealt with as an event of default or which has expressly been included in the indenture solely for the benefit of series of debt securities other than that series) and continuance of such default or breach for a period of 90 days after there has been given, by registered or certified mail, to Active Power by the trustee or to Active Power and the trustee by the holders of at least 25% in principal amount of the then-outstanding debt securities of that series a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a "Notice of Default" thereunder;
- default in the performance, or breach, of any covenant in the indenture (other than a covenant in set forth in Article Ten of the indenture or any other covenant a default in whose performance or whose breach is elsewhere specifically dealt with as an event of default or which has expressly been included in the indenture solely for the benefit of series of debt securities other than that series), and continuance of such default or breach for a period of 120 days after there has been given, by registered or certified mail, to Active Power by the trustee or to Active Power and the trustee by the holders of at least 25% in principal amount of the then-outstanding debt securities of that series a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a "Notice of Default" thereunder;
- certain events of bankruptcy;
- default in the deposit of any sinking fund payment when due; or
- any other event of default provided with respect to debt securities of that series in accordance with provisions of the indenture related to the issuance of debt securities.

An event of default for a particular series of debt securities does not necessarily constitute an event of default for any other series of debt securities issued under an indenture. The trustee may withhold notice to the holders of debt securities of any default (except in the payment of principal, interest or any premium) if it considers the withholding of notice to be in the interests of the holders.

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If an event of default for any series of debt securities occurs and continues, the trustee or the holders of a specified percentage in aggregate principal amount of the debt securities of the series may declare the entire principal of all the debt securities of that series to be due and payable immediately. If this happens, subject to certain conditions, the holders of a specified percentage of the aggregate principal amount of the debt securities of that series can void the declaration.

Other than its duties in case of a default, a trustee is not obligated to exercise any of its rights or powers under any indenture at the request, order or direction of any holders, unless the holders offer the trustee reasonable indemnity. If they provide this reasonable indemnification, the holders of a majority in principal amount outstanding of any series of debt securities may direct the time, method and place of conducting any proceeding or any remedy available to the trustee, or exercising any power conferred upon the trustee, for any series of debt securities.

Amendments and Waivers

Subject to certain exceptions, the indentures, the securities issued thereunder or the subsidiary guarantees may be amended or supplemented with the consent of the holders of a majority in aggregate principal amount of the then-outstanding securities of each series of securities affected by such amendment or supplemental indenture, with each such series voting as a separate series (including without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, securities) and, subject to certain exceptions, any past default or compliance with any provisions may be waived with respect to each series of securities with the consent of the holders of a majority in principal amount of the then-outstanding securities of such series voting as a separate class (including consents obtained in connection with a purchase of, or tender offer or exchange offer for, securities).

Without the consent of each holder of the outstanding debt security affected, an amendment or waiver may not, among other things:

- change the stated maturity of the principal of, or any installment of principal of or interest on, any debt security, or reduce the principal amount thereof or the rate of interest thereon or any premium payable upon the redemption thereof, or reduce the amount of the principal of an original issue discount security that would be due and payable upon a declaration of acceleration of the maturity thereof pursuant to the indenture, or change any place of payment where, or the coin or currency in which, any debt security or any premium or the interest thereon is payable, or impair the right to institute suit for the enforcement of any such payment on or after the stated maturity thereof (or, in the case of redemption, on or after the redemption date therefor),
- reduce the percentage in principal amount of the then-outstanding debt securities of any series, the consent of whose holders is required for any such supplemental indenture, or the consent of whose holders is required for any waiver (of compliance with certain provisions of the indenture or certain defaults thereunder and their consequences) provided for in the indenture,
- modify any of the provisions set forth in (i) sections related to matters addressed in items in the third paragraph of this caption, “– Amendments and Waivers,” immediately below, (ii) the provisions of the indenture related to the holder’s unconditional right to receive principal, premium, if any, and interest on the debt securities or (iii) the provisions of the indenture related to the waiver of past defaults under the indenture except to increase any such percentage or to provide that certain other provisions of the indenture cannot be modified or waived without the consent of the holder of each then-outstanding debt security affected thereby; *provided, however*, that this clause shall not be deemed to require the consent of any holder with respect to changes in the references to “the trustee” and concomitant changes in this section of the indenture, or the deletion of this proviso in the indenture, in accordance with the requirements of the indenture;
- waive a redemption payment with respect to any debt security; *provided, however*, that any purchase or repurchase of debt securities shall not be deemed a redemption of the debt securities;
- release any guarantor from any of its obligations under its guarantee or the indenture, except in accordance with the terms of the indenture (as supplemented by any supplemental indenture); or

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- make any change in the foregoing amendment and waiver provisions.

Notwithstanding the foregoing, without the consent of any holder of securities, Active Power, the guarantors and the trustee may amend the indentures or the securities issued thereunder to:

- to cure any ambiguity or to correct or supplement any provision herein that may be inconsistent with any other provision therein;
- to evidence the succession of another person or entity to Active Power and the assumption by any such successor of the covenants of Active Power therein and, to the extent applicable, to the debt securities;
- to provide for uncertificated debt securities in addition to or in place of certificated debt securities; *provided* that the uncertificated debt securities are issued in registered form for purposes of Section 163(f) of the Internal Revenue Code or in the manner such that the uncertificated debt securities are described in Section 163(f)(2)(B) of the Internal Revenue Code;
- to add a guarantee and cause any person or entity to become a guarantor, and/or to evidence the succession of another person or entity to a guarantor and the assumption by any such successor of the guarantee of such guarantor herein and, to the extent applicable, endorsed upon any debt securities of any series;
- to secure the debt securities of any series;
- to add to the covenants of Active Power such further covenants, restrictions, conditions or provisions as Active Power shall consider to be appropriate for the benefit of the holders of all or any series of debt securities (and if such covenants, restrictions, conditions or provisions are to be for the benefit of less than all series of debt securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon Active Power and to make the occurrence, or the occurrence and continuance, of a default in any such additional covenants, restrictions, conditions or provisions an event of default permitting the enforcement of all or any of the several remedies provided in the indenture as set forth therein; *provided* that in respect of any such additional covenant, restriction, condition or provision such supplemental indenture may provide for a particular period of grace after default (which period may be shorter or longer than that allowed in the case of other defaults) or may provide for an immediate enforcement upon such an event of default or may limit the remedies available to the trustee upon such an event of default or may limit the right of the holders of a majority in aggregate principal amount of the debt securities of such series to waive such an event of default;
- to make any change to any provision of the indenture that does not adversely affect the rights or interests of any holder of debt securities;
- provide for the issuance of additional debt securities in accordance with the provisions set forth in the indenture on the date of the indenture;
- to add any additional defaults or events of default in respect of all or any series of debt securities;
- to add to, change or eliminate any of the provisions of the indenture to such extent as shall be necessary to permit or facilitate the issuance of debt securities in bearer form, registrable or not registrable as to principal, and with or without interest coupons;
- to change or eliminate any of the provisions of the indenture; *provided* that any such change or elimination shall become effective only when there is no debt security outstanding of any series created prior to the execution of such supplemental indenture that is entitled to the benefit of such provision;
- to establish the form or terms of debt securities of any series as permitted thereunder, including to reopen any series of any debt securities as permitted thereunder;
- to evidence and provide for the acceptance of appointment hereunder by a successor trustee with respect to the debt securities of one or more series and to add to or change any of the provisions of the indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one trustee, pursuant to the requirements of the indenture;

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- to conform the text of the indenture (and/or any supplemental indenture) or any debt securities issued thereunder to any provision of a description of such debt securities appearing in a prospectus or prospectus supplement or an offering memorandum or offering circular to the extent that such provision was intended to be a verbatim recreation of a provision of the indenture (and/or any supplemental indenture) or any debt securities issued thereunder; or
- to modify, eliminate or add to the provisions of the indenture to such extent as shall be necessary to effect the qualification of the indenture under the Trust Indenture Act or under any similar federal statute subsequently enacted, and to add to the indenture such other provisions as may be expressly required under the Trust Indenture Act.

Under the indentures the consent of the holders is not necessary to approve the particular form of any proposed amendment. It is sufficient if such consent approves the substance of the proposed amendment. After an amendment under the indentures becomes effective, Active Power is required to mail to the holders a notice briefly describing such amendment. However, the failure to give such notice to all the holders, or any defect therein, will not impair or affect the validity of the amendment.

Legal Defeasance and Covenant Defeasance

Active Power may, at its option and at any time, elect to have all of its obligations discharged with respect to the outstanding debt securities and all obligations of any guarantors of the debt securities discharged with respect to their guarantees (“Legal Defeasance”) except for:

- the rights of holders of outstanding debt securities to receive payments in respect of the principal of, or interest or premium, if any, on such debt securities when such payments are due from the trust referred to below;
- Active Power’s obligations with respect to the debt securities concerning issuing temporary debt securities, registration of debt securities, mutilated, destroyed, lost or stolen debt securities and the maintenance of an office or agency for payment and money for security payments held in trust;
- the rights, powers, trusts, duties and immunities of the trustee, and Active Power’s and each guarantor’s obligations in connection therewith; and
- the Legal Defeasance and Covenant Defeasance provisions of the indenture.

In addition, Active Power may, at its option and at any time, elect to have the obligations of Active Power released with respect to certain provisions of the indenture, including certain provisions set forth in any supplemental indenture (such release and termination being referred to as “Covenant Defeasance”), and thereafter any omission to comply with such obligations or provisions will not constitute a default or event of default. In the event Covenant Defeasance occurs in accordance with the indenture, the events of default described under the third and fourth items of the first paragraph under the caption “– Events of Default”, in each case, will no longer constitute an event of default.

In order to exercise either Legal Defeasance or Covenant Defeasance:

- Active Power must irrevocably deposit with the trustee, in trust, for the benefit of the holders of the debt securities, cash in U.S. dollars, non-callable government securities, or a combination of cash in U.S. dollars and non-callable U.S. government securities, in amounts as will be sufficient, in the opinion of a nationally recognized investment bank, appraisal firm or firm of independent public accountants to pay the principal of, or interest and premium, if any, on the outstanding debt securities on the stated date for payment thereof or on the applicable redemption date, as the case may be, and Active Power must specify whether the debt securities are being defeased to such stated date for payment or to a particular redemption date;
- in the case of Legal Defeasance, Active Power has delivered to the trustee an opinion of counsel reasonably acceptable to the trustee confirming that (a) Active Power has received from, or there has

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been published by, the Internal Revenue Service a ruling or (b) since the issue date of the debt securities, there has been a change in the applicable federal income tax law, in either case to the effect that, and based thereon such opinion of counsel will confirm that, the holders of the outstanding notes will not recognize income, gain or loss for federal income tax purposes as a result of such Legal Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same time as would have been the case if such Legal Defeasance had not occurred;

- in the case of Covenant Defeasance, Active Power has delivered to the trustee an opinion of counsel reasonably acceptable to the trustee confirming that the holders of the outstanding debt securities will not recognize income, gain or loss for federal income tax purposes as a result of such Covenant Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Covenant Defeasance had not occurred;
- No default or event of default has occurred and is continuing on the date of such deposit (other than a default or event of default resulting from the borrowing of funds to be applied to such deposit);
- the deposit will not result in a breach or violation of, or constitute a default under, any other instrument to which Active Power or any guarantor is a party or by which Active Power or any guarantor is bound;
- such Legal Defeasance or Covenant Defeasance will not result in a breach or violation of, or constitute a default under any material agreement or instrument (other than the indenture) to which Active Power or any of its subsidiaries is a party or by which Active Power or any of its subsidiaries is bound;
- Active Power must deliver to the trustee an officers' certificate stating that the deposit was not made by Active Power with the intent of preferring the holders of debt securities over the other creditors of Active Power with the intent of defeating, hindering, delaying or defrauding creditors of Active Power or others;
- Active Power must deliver to the trustee an officers' certificate, stating that all conditions precedent set forth in the first through the seventh items of this paragraph have been complied with; and
- Active Power must deliver to the trustee an opinion of counsel (which opinion of counsel may be subject to customary assumptions, qualifications and exclusions), stating that all conditions precedent set forth in the second, third and fifth items of this paragraph have been complied with; *provided* that the opinion of counsel with respect to the fifth item of this paragraph may be to the knowledge of such counsel.

Satisfaction and Discharge

The indentures will be discharged and will cease to be of further effect (except as to surviving rights of registration of transfer or exchange of the securities, as expressly provided for in the indenture) as to all outstanding securities issued thereunder and the guarantees issued thereunder when:

- either (a) all the securities theretofore authenticated and delivered (except lost, stolen or destroyed securities that have been replaced or paid and securities for whose payment money or certain United States governmental obligations have theretofore been deposited in trust or segregated and held in trust by Active Power and thereafter repaid to Active Power or discharged from such trust) have been delivered to the trustee for cancellation or (b) all securities not theretofore delivered to the trustee for cancellation have become due and payable or will become due and payable at their stated maturity within one year, or are to be called for redemption within one year under arrangements satisfactory to the trustee for the giving of notice of redemption by the trustee in the name, and at the expense, of Active Power, and Active Power or the guarantors have irrevocably deposited or caused to be deposited with the trustee funds or U.S. government obligations, or a combination thereof, in an amount sufficient to pay and discharge the entire indebtedness on the securities not theretofore delivered to the trustee for cancellation, for principal of and premium, if any, on and interest on the securities to the date of deposit (in the case of securities that have become due and payable) or to the stated maturity or redemption date, as the case may be, together with instructions from Active Power irrevocably directing the trustee to apply such funds to the payment thereof at maturity or redemption, as the case may be;

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- Active Power or the subsidiary guarantors have paid all other sums then due and payable under the indenture by Active Power; and
- Active Power has delivered to the trustee an officers' certificate and an opinion of counsel, which, taken together, state that all conditions precedent under the indenture relating to the satisfaction and discharge of the indenture have been complied with.

No Personal Liability of Directors, Officers, Employees, Partners and Stockholders

No director, officer, employee, incorporator, partner or stockholder of Active Power or any guarantor, as such, shall have any liability for any obligations of Active Power or the guarantors under the securities, the indentures, the guarantees or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each holder, upon Active Power's issuance of the securities and execution of the indentures, waives and releases all such liability. The waiver and release are part of the consideration for issuance of the securities. Such waiver may not be effective to waive liabilities under the federal securities laws, and it is the view of the SEC that such a waiver is against public policy.

Denominations

Unless stated otherwise in the prospectus supplement for each issuance of debt securities, the securities will be issued in denominations of \$2,000 each and integral multiples of \$1,000.

Paying Agent and Registrar

The trustee will initially act as paying agent and registrar for the securities. Active Power may change the paying agent or registrar without prior notice to the holders of the securities, and Active Power may act as paying agent or registrar.

Transfer and Exchange

A holder may transfer or exchange securities in accordance with the indentures. The registrar and the trustee may require a holder, among other things, to furnish appropriate endorsements and transfer documents and Active Power may require a holder to pay any taxes and fees required by law or permitted by the applicable indenture. Active Power is not required to transfer or exchange any security selected for redemption. Also, Active Power is not required to transfer or exchange any security for a period of 15 days before a selection of securities to be redeemed.

Subordination

The payment of principal of, premium, if any, and interest on, subordinated debt securities and any other payment obligations of Active Power in respect of subordinated debt securities (including any obligation to repurchase subordinated debt securities) is subordinated in certain circumstances in right of payment, as set forth in the subordinated indenture, to the prior payment in full in cash of all senior debt.

Active Power also may not make any payment, whether by redemption, purchase, retirement, defeasance or otherwise, upon or in respect of subordinated debt securities, except from the trust described under "— Legal Defeasance and Covenant Defeasance," if

- a default in the payment of the principal of all or any portion of the obligations on any senior debt ("*payment default*"), or
- any other default occurs and is continuing with respect to designated senior debt pursuant to which the maturity thereof may be accelerated ("*non-payment default*") and, solely with respect to this clause, the trustee for the subordinated debt securities receives a notice of the default (a "*Payment Blockage Notice*") from the trustee or other representative for the holders of such designated senior debt.

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Cash payments on subordinated debt securities shall be resumed (a) in the case of a payment default, upon the date on which such default is cured or waived and (b) in case of a nonpayment default, the earlier of the date on which such nonpayment default is cured or waived or 179 days after the date on which the applicable Payment Blockage Notice is received, unless the maturity of any designated senior debt has been accelerated or a bankruptcy event of default has occurred and is continuing. No new period of payment blockage may be commenced unless and until 360 days have elapsed since the date of commencement of the payment blockage period resulting from the immediately prior Payment Blockage Notice. No nonpayment default in respect of designated senior debt that existed or was continuing on the date of delivery of any Payment Blockage Notice to the trustee for the subordinated debt securities shall be, or be made, the basis for a subsequent Payment Blockage Notice unless such default shall have been cured or waived for a period of no less than 90 consecutive days.

The indenture also requires that we promptly notify holders of senior debt if payment of subordinated debt securities is accelerated because of an event of default.

Upon any payment or distribution of assets or securities of Active Power, in connection with any dissolution or winding up or total or partial liquidation or reorganization of Active Power, whether voluntary or involuntary, or in bankruptcy, insolvency, receivership or other proceedings or other marshalling of assets for the benefit of creditors, all amounts due or to become due upon all senior debt shall first be paid in full, in cash or cash equivalents, before the holders of the subordinated debt securities or the trustee on their behalf shall be entitled to receive any payment by Active Power on account of the subordinated debt securities, or any payment to acquire any of the subordinated debt securities for cash, property or securities, or any distribution with respect to the securities of any cash, property or securities. Before any payment may be made by, or on behalf of, Active Power on any security (other than with the money, securities or proceeds held under any defeasance trust established in accordance with the indenture), in connection with any such dissolution, winding up, liquidation or reorganization, any payment or distribution of assets or securities for Active Power, to which the holders of subordinated debt securities or the trustee on their behalf would be entitled shall be made by Active Power or by any receiver, trustee in bankruptcy, liquidating trustee, agent or other similar person or entity making such payment or distribution or by the holders or the trustee if received by them or it, directly to the holders of senior debt or their representatives or to any trustee or trustees under any indenture pursuant to which any such senior debt may have been issued, as their respective interests appear, to the extent necessary to pay all such senior debt in full, in cash or cash equivalents, after giving effect to any concurrent payment, distribution or provision therefor to or for the holders of such senior debt.

As a result of these subordination provisions, in the event of the liquidation, bankruptcy, reorganization, insolvency, receivership or similar proceeding or an assignment for the benefit of the creditors of Active Power or a marshalling of assets or liabilities of Active Power, holders of subordinated debt securities may receive ratably less than other creditors.

Payment and Transfer

Principal, interest and any premium on fully registered securities will be paid at designated places. Payment will be made by check mailed to the persons in whose names the debt securities are registered on days specified in the indentures or any prospectus supplement. Debt securities payments in other forms will be paid at a place designated by us and specified in a prospectus supplement.

Fully registered securities may be transferred or exchanged at the corporation trust office of the trustee or at any other office or agency maintained by us for such purposes, without the payment of any service charge except for any tax or governmental charge.

Global Securities

The debt securities of a series may be issued in whole or in part in the form of one or more global certificates that we will deposit with a depository identified in the applicable prospectus supplement. Unless and until it is exchanged in whole or in part for the individual debt securities that it represents, a global security may not be transferred except as a whole:

- by the applicable depository to a nominee of the depository;

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- by any nominee to the depository itself or another nominee; or
- by the depository or any nominee to a successor depository or any nominee of the successor.

We will describe the specific terms of the depository arrangement with respect to a series of debt securities in the applicable prospectus supplement. We anticipate that the following provisions will generally apply to depository arrangements.

When we issue a global security in registered form, the depository for the global security or its nominee will credit, on its book-entry registration and transfer system, the respective principal amounts of the individual debt securities represented by that global security to the accounts of persons that have accounts with the depository (“*participants*”). Those accounts will be designated by the dealers, underwriters or agents with respect to the underlying debt securities or by us if those debt securities are offered and sold directly by us. Ownership of beneficial interests in a global security will be limited to participants or persons that may hold interests through participants. For interests of participants, ownership of beneficial interests in the global security will be shown on records maintained by the applicable depository or its nominee. For interests of persons other than participants, that ownership information will be shown on the records of participants. Transfer of that ownership will be effected only through those records. The laws of some states require that certain purchasers of securities take physical delivery of securities in definitive form. These limits and laws may impair our ability to transfer beneficial interests in a global security.

As long as the depository for a global security, or its nominee, is the registered owner of that global security, the depository or nominee will be considered the sole owner or holder of the debt securities represented by the global security for all purposes under the applicable indenture. Except as provided below, owners of beneficial interests in a global security:

- will not be entitled to have any of the underlying debt securities registered in their names;
- will not receive or be entitled to receive physical delivery of any of the underlying debt securities in definitive form; and
- will not be considered the owners or holders under the indenture relating to those debt securities.

Payments of principal of, any premium on and any interest on individual debt securities represented by a global security registered in the name of a depository or its nominee will be made to the depository or its nominee as the registered owner of the global security representing such debt securities. Neither we, the trustee for the debt securities, any paying agent nor the registrar for the debt securities will be responsible for any aspect of the records relating to or payments made by the depository or any participants on account of beneficial interests in the global security.

We expect that the depository or its nominee, upon receipt of any payment of principal, any premium or interest relating to a global security representing any series of debt securities, immediately will credit participants’ accounts with the payments. Those payments will be credited in amounts proportional to the respective beneficial interests of the participants in the principal amount of the global security as shown on the records of the depository or its nominee. We also expect that payments by participants to owners of beneficial interests in the global security held through those participants will be governed by standing instructions and customary practices. This is now the case with securities held for the accounts of customers registered in “street name.” Those payments will be the sole responsibility of those participants.

If the depository for a series of debt securities is at any time unwilling, unable or ineligible to continue as depository and we do not appoint a successor depository within 90 days, we will issue individual debt securities of that series in exchange for the global security or securities representing that series. In addition, we may at any time in our sole discretion determine not to have any debt securities of a series represented by one or more global securities. In that event, we will issue individual debt securities of that series in exchange for the global security or securities. Furthermore, if we specify, an owner of a beneficial interest in a global security may, on terms acceptable to us, the trustee and the applicable depository, receive individual debt securities of that series in exchange for those beneficial interests. The foregoing is subject to any limitations described in the applicable prospectus supplement. In any such instance, the owner of the beneficial interest will be entitled to physical

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delivery of individual debt securities equal in principal amount to the beneficial interest and to have the debt securities registered in its name. Those individual debt securities will be issued in any authorized denominations.

Governing Law

Each indenture and the debt securities will be governed by and construed in accordance with the laws of the State of New York.

Notices

Notices to holders of debt securities will be given by mail to the addresses of such holders as they appear in the security register for such debt securities.

Information Concerning the Trustee

A banking or financial institution will be the trustee under the indentures. A successor trustee may be appointed in accordance with the terms of the indentures.

The indentures, and the provisions of the Trust Indenture Act incorporated by reference therein, will contain certain limitations on the rights of the trustee, should it become a creditor of us, to obtain payment of claims in certain cases or to realize on certain property received in respect of any such claim as security or otherwise. The trustee will be permitted to engage in other transactions; however, if it acquires any conflicting interest (within the meaning of the Trust Indenture Act), it must eliminate such conflicting interest or resign.

A single banking or financial institution may act as trustee with respect to both the subordinated indenture and the senior indenture. If this occurs, and should a default occur with respect to either the subordinated debt securities or the senior debt securities, such banking or financial institution would be required to resign as trustee under one of the indentures within 90 days of such default, pursuant to the Trust Indenture Act, unless such default were cured, duly waived or otherwise eliminated.

DESCRIPTION OF WARRANTS

We may issue warrants to purchase common stock, preferred stock, debt securities or units. Warrants may be issued independently or together with any other securities and may be attached to, or separate from, such securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a warrant agent. The terms of any warrants to be issued and a description of the material provisions of the applicable warrant agreement will be set forth in the applicable prospectus supplement.

The applicable prospectus supplement will specify the following terms of any warrants in respect of which this prospectus is being delivered:

- the title of such warrants;
- the aggregate number of such warrants;
- the price or prices at which such warrants will be issued;
- the securities purchasable upon exercise of such warrants;
- the price at which, and the currency or currencies in which the securities purchasable upon exercise of, such warrants may be purchased;
- the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;
- if applicable, the minimum or maximum amount of such warrants which may be exercised at any one time;
- if applicable, the designation and terms of the securities with which such warrants are issued and the number of such warrants issued with each such security;
- if applicable, the date on and after which such warrants and the related securities will be separately transferable;
- information with respect to book-entry procedures, if any;
- if applicable, a discussion of any material U.S. federal income tax considerations; and
- any other terms of such warrants, including terms, procedures and limitations relating to the exchange and exercise of such warrants.

We do not currently have any warrants issued and outstanding.

DESCRIPTION OF UNITS

As specified in the applicable prospectus supplement, we may issue units consisting of one or more shares of common stock, shares of preferred stock, debt securities, warrants or any combination of such securities.

The applicable prospectus supplement will specify the following terms of any units in respect of which this prospectus is being delivered:

- the terms of the units and of any of the common stock, preferred stock, debt securities, warrants or purchase contracts comprising the units, including whether and under what circumstances the securities comprising the units may be traded separately;
- a description of the terms of any unit agreement governing the units; and
- a description of the provisions for the payment, settlement, transfer or exchange of the units.

We do not currently have any units issued and outstanding

PLAN OF DISTRIBUTION

We and the selling securityholders may sell the securities being offered hereby in one or more of the following ways from time to time:

- through agents to the public or to investors;
- to one or more underwriters for resale to the public or to investors;
- in “at the market offerings,” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise;
- directly to investors; or
- through a combination of these methods of sale.

We will set forth in a prospectus supplement the terms of the offering of securities, including:

- the name or names of any agents or underwriters;
- the name or names of, and the number of shares of common stock being sold by any selling securityholders participating in the offering;
- the purchase price of the securities being offered and the proceeds we and/or the selling securityholders will receive from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us and/or the selling securityholders;
- any agency fees or underwriting discounts and other items constituting agents’ or underwriters’ compensation;
- the public offering price;
- any discounts or concessions allowed or reallowed or paid to dealers; and
- any securities exchanges on which such securities may be listed.

The term “selling securityholders” includes donees, pledgees, transferees or other successors-in-interest selling securities received after the date of this prospectus from a selling securityholder as a gift, pledge, partnership distribution or other non-sale related transfer.

If we and/or the selling securityholders use underwriters for a sale of securities, the underwriters will acquire the securities for their own account. The underwriters may resell the securities in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the securities will be subject to the conditions set forth in the applicable underwriting agreement. The underwriters will be obligated to purchase all the securities of the series offered if they purchase any of the securities of that series. We may change from time to time any initial public offering price and any discounts or concessions the underwriters allow or reallow or pay to dealers. We may use underwriters with whom we and/or the selling securityholders have a material relationship. We will describe in the prospectus supplement naming the underwriter the nature of any such relationship.

We and/or the selling securityholders may designate agents who agree to use their reasonable efforts to solicit purchases for the period of their appointment or to sell securities on a continuing basis.

We and/or the selling securityholders may also sell securities directly to one or more purchasers without using underwriters or agents.

In compliance with National Association of Securities Dealers guidelines, the maximum compensation to the underwriters in connection with the sale of securities pursuant to this prospectus and any prospectus supplement will not exceed 8% of the total offering price to the public of such securities.

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Underwriters, dealers and agents that participate in the distribution of the securities may be underwriters as defined in the Securities Act and any discounts or commissions they receive from us and/or the selling securityholders and any profit on their resale of the securities may be treated as underwriting discounts and commissions under the Securities Act. We will identify in the applicable prospectus supplement any underwriters, dealers or agents and will describe their compensation. We and/or the selling securityholders may have agreements with the underwriters, dealers and agents to indemnify them against specified civil liabilities, including liabilities under the Securities Act. Underwriters, dealers and agents may engage in transactions with or perform services for us or selling securityholders in the ordinary course of their businesses.

We will bear all costs, expenses and fees in connection with the registration of the securities as well as the expenses of all commissions and discounts, if any, attributable to the sales of securities by us. The selling securityholders will bear all commissions and discounts attributable to the sales of securities by them.

Unless otherwise specified in the applicable prospectus supplement, each class or series of securities will be a new issue with no established trading market, other than our common stock, which is listed on the Nasdaq National Market. We may elect to list any other class or series of securities on any exchange or national securities market, but we are not obligated to do so. It is possible that one or more underwriters may make a market in a class or series of securities, but the underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot give any assurance as to the liquidity of the trading market for any of the securities.

In connection with an offering, an underwriter may purchase and sell securities in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of securities than they are required to purchase in the offering. "Covered" short sales are sales made in an amount not greater than the underwriters' option to purchase additional securities, if any, from us or the selling securityholders in the offering. If the underwriters have an over-allotment option to purchase additional securities from us or the selling securityholders, the underwriters may close out any covered short position by either exercising their over-allotment option or purchasing securities in the open market. In determining the source of securities to close out the covered short position, the underwriters may consider, among other things, the price of securities available for purchase in the open market as compared to the price at which they may purchase securities through the over-allotment option. "Naked" short sales are any sales in excess of such option or where the underwriters do not have an over-allotment option. The underwriters must close out any naked short position by purchasing securities in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of the securities in the open market after pricing that could adversely affect investors who purchase in the offering.

Accordingly, to cover these short sales positions or to otherwise stabilize or maintain the price of the securities, the underwriters may bid for or purchase securities in the open market and may impose penalty bids. If penalty bids are imposed, selling concessions allowed to syndicate members or other broker-dealers participating in the offering are reclaimed if securities previously distributed in the offering are repurchased, whether in connection with stabilization transactions or otherwise. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. The impositions of a penalty bid may also affect the price of the securities to the extent that it discourages resale of the securities. The magnitude or effect of any stabilization or other transactions is uncertain. These transactions may be effected on the Nasdaq National Market or otherwise and, if commenced, may be discontinued at any time.

LEGAL MATTERS

Certain legal matters relating to the validity of the securities will be passed upon for us by Andrews Kurth LLP, Austin, Texas.

EXPERTS

The consolidated financial statements of Active Power, Inc. included in Active Power's Annual Report (Form 10-K) for the year ended December 31, 2005, and Active Power's management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2005 included therein, have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their reports thereon, included therein, and incorporated herein by reference. Such consolidated financial statements and management's assessment are incorporated herein by reference in reliance upon such reports given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus, which constitutes a part of the registration statement on Form S-3 that we have filed with the SEC under the Securities Act of 1933, as amended, or Securities Act, does not contain all of the information set forth in the registration statement. The SEC allows us to “incorporate by reference” the information we file with them, which means that we can disclose important information to you by referring you to those documents that are considered part of this prospectus. Later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 by us (i) after the date of the filing of this registration statement and prior to its effectiveness and (ii) until our offering of securities has been completed. This prospectus is part of a registration statement filed with the SEC.

The following documents which we have previously filed with the SEC pursuant to the Exchange Act are incorporated into this prospectus by reference:

- our Annual Report on Form 10-K for the year ended December 31, 2005 (filed February 27, 2006);
- our Quarterly Report on Form 10-Q for the quarter ended March 31, 2006, filed with the SEC on April 27, 2006;
- our Quarterly Report on Form 10-Q for the quarter ended June 30, 2006, filed with the SEC on July 28, 2006;
- our Current Report on Form 8-K filed March 14, 2006;
- our Current Report on Form 8-K filed April 26, 2006;
- our Current Report on Form 8-K filed May 10, 2006;
- our Current Report on Form 8-K filed May 24, 2006;
- our Current Report on Form 8-K filed June 6, 2006;
- our Current Report on Form 8-K filed July 26, 2006;
- the description of our common stock contained in our registration statement on Form 8-A (filed June 30, 2000), including any amendment or report filed for the purpose of updating such description; and
- the description of our stock purchase rights contained in our registration statement on Form 8-A (filed December 14, 2001), including any amendment or report filed for the purpose of updating such description.
- the description of the rights, preferences and privileges of our Series A Junior Preferred Stock which are set forth in the Certificate of Designation of Series A Junior Participating Preferred Stock of Active Power filed with the Secretary of State of Delaware on December 18, 2001 and a form of which is included as an exhibit to our Form 8-K, filed December 14, 2001

You may request a copy of the filings incorporated by reference in this prospectus, at no cost, by writing or calling us at: Active Power, Inc., 2128 W. Braker Lane, BK12, Austin, Texas 78758, Attention: Secretary (telephone: (512) 836-6464). You can access electronic copies of our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K and all amendments to those reports, free of charge, on our website at <http://www.activepower.com>. Access to those electronic filings is available as soon as reasonably practicable after filing with, or furnishing to, the SEC. **We make our website content available for information purposes only. It should not be relied upon for investment purposes, nor is it incorporated by reference in this prospectus.**

You can also find SEC reports at the SEC’s website (<http://www.sec.gov>). In addition, such reports, proxy statements and other information may be inspected and copied at the public reference facilities maintained by the SEC at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. You also may obtain copies of such material by mail from the Public Reference Section of the SEC at 100 F Street, N.E., Room 1580, Washington, D.C. 20549 at prescribed rates. Please call the SEC at 1-800-SEC-0330 for more information on the public reference rooms.



\$75,000,000

**Debt Securities, Common Stock,
Preferred Stock, Warrants and Units**

**Common Stock
Offered by
Selling Securityholders**

PROSPECTUS

, 2006

You should rely only on the information contained or incorporated by reference in this prospectus. We have not authorized anyone to provide you with different information. You should not assume that the information contained or incorporated by reference in this prospectus is accurate as of any date other than the date of this prospectus. We are not making an offer of these securities in any state where the offer is not permitted.

PART II**INFORMATION NOT REQUIRED IN THE PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution**

The expenses to be paid in connection with the issuance and distribution of the securities being registered, other than underwriting discounts and commissions, are as set forth in the following table. All amounts shown are estimates except for the Securities and Exchange Commission registration fee.

SEC registration fee	\$ 7,371.13
Printing expenses	50,000.00
Accounting fees and expenses	45,000.00
Legal fees and expenses	100,000.00
Trustees' and Transfer Agents' fees and expenses	10,000.00
Blue sky fees and expenses	—
Miscellaneous expenses	5,000.00
Total	<u>\$ 217,371.13</u>

Item 15. Indemnification of Directors and Officers

Active Power, Inc. is incorporated under the laws of the State of Delaware. Section 145 ("Section 145") of Title 8 of the Delaware General Corporation Law ("Delaware Code") gives a corporation power to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the person's conduct was unlawful.

Section 145 also gives a corporation power to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Delaware Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Delaware Court of Chancery or such other court shall deem proper. Section 145 further provides that, to the extent that a present or former director or officer of a corporation has been successful on the merits or otherwise in defense of any such action, suit or proceeding, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith.

Section 145 also authorizes a corporation to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against any liability asserted against him and incurred by him in any such capacity, arising out of his status as such, whether or not the corporation would otherwise have the power to indemnify him under Section 145.

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Our restated certificate of incorporation and restated bylaws provide for the indemnification of officers and directors to the fullest extent permitted by the Delaware Code.

All of our directors and officers are covered by insurance policies against certain liabilities for actions taken in their capacities as such, including liabilities under the Securities Act of 1933.

Item 16. Exhibits

<u>Exhibit No.</u>	<u>Exhibit</u>
1.1*	— Form of Underwriting Agreement.
4.1	— Specimen certificate for shares of common stock (filed as Exhibit 4.1 to Active Power’s registration statement on Form S-1 (SEC File No. 333-36946)).
4.2	— Rights Agreement, dated as of December 13, 2001, between the Active Power and Equiserve Trust N.A., which includes the form of Certificate of Designation for the Series A Junior Participating Preferred Stock as Exhibit A, the form of Rights Certificate as Exhibit B and the Summary of Rights to Purchase Series A Preferred Stock as Exhibit C (filed as Exhibit 4.1 to Active Power’s Current Report on Form 8-K filed December 14, 2001).
4.3*	— Specimen certificate for shares of Preferred Stock.
4.4**	— Form of Senior Debt Indenture (including form of senior debt security).
4.5**	— Form of Subordinated Debt Indenture (including form of subordinated debt security).
4.6*	— Form of Warrant Agreement (including form of warrant certificate).
5.1*	— Opinion of Andrews Kurth LLP.
12.1**	— Statement of Computation of Ratios.
23.1**	— Consent of Ernst & Young LLP.
23.2*	— Consent of Andrews Kurth LLP (included in Exhibit 5.1).
24.1**	— Power of Attorney (included in signature page).
25.1*	— Statement of Eligibility of Trustee on Form T-1.

* To be filed by amendment hereto or by a report filed under the Securities Exchange Act of 1934, and incorporated herein by reference.

** Filed herewith.

Item 17. Undertakings

A. The undersigned registrant hereby undertakes:

- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) under the Securities Act of 1933 if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the “Calculation of Registration Fee” table in the effective registration statement;

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- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs A(1)(i), A(1)(ii) and A(1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) under the Securities Act of 1933 that is a part of this registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
 - (A) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) under the Securities Act of 1933 shall be deemed to be part of this registration statement as of the date the filed prospectus was deemed part of and included in this registration statement; and
 - (B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of this registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) under the Securities Act of 1933 for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in this registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B under the Securities Act of 1933, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of this registration statement relating to the securities in this registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of this registration statement or made in a document incorporated or deemed incorporated by reference into this registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in this registration statement or prospectus that was part of this registration statement or made in any such document immediately prior to such effective date.
 - (C) If the registrant is subject to Rule 430C under the Securities Act of 1933, each prospectus filed pursuant to Rule 424(b) under the Securities Act of 1933 as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B under the Securities Act of 1933 or other than prospectuses filed in reliance on Rule 430A under the Securities Act of 1933, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.
- (5) That, for the purpose of determining liability of a registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, each undersigned registrant undertakes that in a primary offering of securities of an undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are

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offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (i) Any preliminary prospectus or prospectus of an undersigned registrant relating to the offering required to be filed pursuant to Rule 424 under the Securities Act of 1933;
- (ii) Any free writing prospectus relating to the offering prepared by or on behalf of an undersigned registrant or used or referred to by an undersigned registrant;
- (iii) The portion of any other free writing prospectus relating to the offering containing material information about an undersigned registrant or its securities provided by or on behalf of an undersigned registrant; and
- (iv) Any other communication that is an offer in the offering made by an undersigned registrant to the purchaser.

B. The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

C. Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of any registrant, we have been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by any registrant of expenses incurred or paid by a director, officer or controlling person of such registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, such registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

D. The undersigned registrant hereby undertakes that:

- (1) For purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rules 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.
- (2) For the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

E. The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of subsection 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the SEC under section 305(b)(2) of the Trust Indenture Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Austin, State of Texas, on the 1st day of September , 2006.

ACTIVE POWER, INC.

Dated: September 1, 2006

By: /s/ JAMES A. CLISHEM
James A. Clishem, President and
Chief Executive Officer

Power of Attorney

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby severally constitutes and appoints, James Clishem and John Penver, and each or any of them, his true and lawful attorney-in-fact and agent, each with the power of substitution and resubstitution, for him in any and all capacities, to sign any and all amendments to this registration statement and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, hereby ratifying and confirming all that each said attorney-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons on behalf of the registrant in the capacities set forth below on September 1, 2006.

<u>Name</u>	<u>Title</u>
<u> /s/ JAMES A. CLISHEM </u> James A. Clishem	President, Chief Executive Officer and Director (principal executive officer)
<u> /s/ JOHN K. PENVER </u> John K. Penver	Vice President – Finance, Chief Financial Officer and Secretary (principal financial and accounting officer)
<u> /s/ JOSEPH F. PINKERTON, III </u> Joseph F. Pinkerton, III	Chairman of the Board
<u> /s/ AKE ALMGREN </u> Ake Almgren	Director
<u> /s/ RICHARD E. ANDERSON </u> Richard E. Anderson	Director
<u> /s/ RODNEY S. BOND </u> Rodney S. Bond	Director
<u> /s/ BRAD BOSTON </u> Brad Boston	Director
<u> /s/ JAN H. LINDELOW </u> Jan H. Lindelow	Director
<u> /s/ TERRENCE L. ROCK </u> Terrence L. Rock	Director
<u> /s/ BENJAMIN L. SCOTT </u> Benjamin L. Scott	Director

LIST OF EXHIBITS

Exhibit No.	Exhibit
1.1*	— Form of Underwriting Agreement.
4.1	— Specimen certificate for shares of common stock (filed as Exhibit 4.1 to Active Power’s registration statement on Form S-1 (SEC File No. 333-36946)).
4.2	— Rights Agreement, dated as of December 13, 2001, between the Active Power and Equiserve Trust N.A., which includes the form of Certificate of Designation for the Series A Junior Participating Preferred Stock as Exhibit A, the form of Rights Certificate as Exhibit B and the Summary of Rights to Purchase Series A Preferred Stock as Exhibit C (filed as Exhibit 4.1 to Active Power’s Current Report on Form 8-K filed December 14, 2001).
4.3*	— Specimen certificate for shares of Preferred Stock.
4.4**	— Form of Senior Debt Indenture (including form of senior debt security).
4.5**	— Form of Subordinated Debt Indenture (including form of subordinated debt security).
4.6*	— Form of Warrant Agreement (including form of warrant certificate).
5.1*	— Opinion of Andrews Kurth LLP.
12.1**	— Statement of Computation of Ratios.
23.1**	— Consent of Ernst & Young LLP.
23.2*	— Consent of Andrews Kurth LLP (included in Exhibit 5.1).
24.1**	— Power of Attorney (included in signature page).
25.1*	— Statement of Eligibility of Trustee on Form T-1.

* To be filed by amendment hereto or by a report filed under the Securities Exchange Act of 1934, and incorporated herein by reference.

** Filed herewith.

ACTIVE POWER, INC.

AND

[_____]

Trustee

INDENTURE

DATED AS OF _____, 2006

SENIOR DEBT SECURITIES

ACTIVE POWER, INC.
RECONCILIATION AND TIE BETWEEN TRUST INDENTURE ACT OF 1939, AS AMENDED,
AND INDENTURE, DATED AS OF _____, 2006

<u>TRUST INDENTURE ACT SECTION</u>	<u>INDENTURE SECTION</u>
Section 310(a)(1)	6.9
(a)(2)	6.9
(a)(3)	Not Applicable
(a)(4)	Not Applicable
(a)(5)	6.9
(b)	6.8
Section 311	6.13
Section 312(a)	7.1, 7.2(a)
(b)	7.2(b)
(c)	7.2(c)
Section 313(a)	7.3
(b)	*
(c)	*
(d)	7.3
Section 314(a)	7.4
(a)(4)	10.5
(b)	Not Applicable
(c)(1)	1.3
(c)(2)	1.3
(c)(3)	Not Applicable
(d)	Not Applicable
(e)	1.3
Section 315(a)	6.1(a)
(b)	6.2
(c)	6.1(b)
(d)	6.1(c)
(d)(1)	6.1(a)(1)
(d)(2)	6.1(c)(2)
(d)(3)	6.1(c)(3)
(e)	5.14
Section 316(a)	1.1, 1.2
(a)(1)(A)	5.2, 5.12
(a)(1)(B)	5.13
(a)(2)	Not Applicable
(b)	5.8
(c)	1.5(f)

TRUST INDENTURE ACT SECTION**INDENTURE SECTION**

Section 317(a)(1)	5.3
(a)(2)	5.4
(b)	10.3
Section 318(a)	1.8

NOTE: This reconciliation and tie shall not, for any purpose, be deemed to be a part of the Indenture.

* Deemed included pursuant to Section 318(c) of the Trust Indenture Act

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NOTE: This table of contents shall not, for any purpose, be deemed to be a part of the Indenture.

PARTIES

INDENTURE, dated as of [_____] [___], 2006, among ACTIVE POWER, INC., a corporation duly organized and existing under the laws of the State of Delaware (herein called the “Company”), the GUARANTORS (as defined hereinafter) and [_____] a [_____] as Trustee (the “Trustee”).

RECITALS OF THE COMPANY:

The Company has duly authorized the execution and delivery of this Indenture to provide for the issuance from time to time of its unsecured senior debentures, notes or other evidences of indebtedness (herein called the “Securities”), which may but are not required to be guaranteed by the Guarantor, to be issued in one or more series as provided in this Indenture.

All things necessary to make this Indenture a valid agreement of the Company and of the Guarantors, in accordance with its terms, have been done.

This Indenture is subject to the provisions of the Trust Indenture Act that are required to be a part of this Indenture and, to the extent applicable, shall be governed by such provisions.

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

For and in consideration of the premises and the purchase of the Securities by the Holders thereof, it is mutually covenanted and agreed, for the equal and proportionate benefit of all Holders of the Securities or of series thereof, as follows:

ARTICLE ONE

DEFINITIONS AND OTHER PROVISIONS OF GENERAL APPLICATION

Section 1.1. Definitions.

For all purposes of this Indenture, except as otherwise expressly provided or unless the context otherwise requires:

- (a) the terms defined in this Article have the meanings assigned to them in this Article and include the plural as well as the singular;
- (b) all terms used in this Indenture that are defined in the Trust Indenture Act, defined by a Trust Indenture Act reference to another statute or defined by an SEC rule under the Trust Indenture Act have the meanings so assigned to them;
- (c) all accounting terms not otherwise defined herein have the meanings assigned to them in accordance with GAAP;
- (d) the words “herein”, “hereof” and “hereunder” and other words of similar import refer to this Indenture as a whole and not to any particular Article, Section or other subdivision;
- (e) the words “Article” and “Section” refer to an Article and Section, respectively, of this Indenture; and
- (f) the word “includes” and its derivatives means “includes, but is not limited to” and corresponding derivative definitions.

Certain terms, used principally in Article Six, are defined in that Article.

“Act”, when used with respect to any Holder, has the meaning specified in Section 1.5.

“Additional Defeasible Provision” means a covenant or other provision contained that is (a) made part of this Indenture pursuant to a supplemental indenture hereto, a Board Resolution or an Officer’s Certificate delivered pursuant to Section 3.1, and (b) pursuant to the terms set forth in such supplemental indenture, Board Resolution or Officer’s Certificate, made subject to the provisions of Article Thirteen.

“Affiliate” of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For purposes of this definition, “control,” as used with respect to any Person, means the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of such Person, whether through the ownership of voting securities, by agreement or otherwise. For purposes of this definition, the terms “controlling,” “controlled by” and “under common control with” have correlative meanings.

“Authenticating Agent” means any Person authorized by the Trustee to act on behalf of the Trustee to authenticate Securities.

“Banking Day” means, in respect of any city, any date on which commercial banks are open for business in that city.

“Bankruptcy Law” means any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law.

“Board of Directors” means either the board of directors of the Company or of a Guarantor, as applicable, or any duly authorized committee of that board to which the powers of that board have been lawfully delegated.

“Board Resolution” means a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company, the principal financial officer of the Company or a Guarantor, any other authorized officer of the Company or a Guarantor, or a person duly authorized by any of them, in each case as applicable, to have been duly adopted by the Board of Directors and to be in full force and effect on the date of such certification, and delivered to the Trustee. Where any provision of this Indenture refers to action to be taken pursuant to a Board Resolution (including the establishment of any series of the Securities and the forms and terms thereof), such action may be taken by any committee, officer or employee of the Company or a Guarantor, as applicable, authorized to take such action by the Board of Directors as evidenced by a Board Resolution.

“Business Day”, when used with respect to any Place of Payment or other location, means, except as otherwise provided as contemplated by Section 3.1 with respect to any series of Securities, each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in that Place of Payment or other location are authorized or obligated by law, executive order or regulation to close.

“CINS” means CUSIP International Numbering System.

“Code” means the United States Internal Revenue Code of 1986, as amended.

“Company” means the Person named as the “Company” in the first paragraph of this instrument until a successor or resulting corporation shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Company” shall mean such successor or resulting corporation.

“Company Request” or “Company Order” means, in the case of the Company, a written request or order signed in the name of the Company by its Chairman of the Board, its Chief Executive Officer, its President, any of its Vice Presidents or any other duly authorized officer of the Company or any person duly authorized by any of them, and delivered to the Trustee and, in the case of a Guarantor, a written request or order signed in the name of such Guarantor by its Chairman of the Board, its Chief Executive Officer, its President, any of its Vice Presidents or any other duly authorized officer of such Guarantor or any person duly authorized by any of them, and delivered to the Trustee.

“Corporate Trust Office” means the office of the Trustee at which at any particular time its corporate trust business shall be principally administered and which, at the date hereof, is located at [_____].

“corporation” includes corporations, companies, associations, partnerships, limited partnerships, limited liability companies, joint-stock companies and trusts.

“covenant defeasance” has the meaning specified in Section 13.3.

“CUSIP” means the Committee on Uniform Securities Identification Procedures.

“Custodian” means any receiver, trustee, assignee, liquidator or similar official under any Bankruptcy Law.

“Debt” means any obligation created or assumed by any Person for the repayment of money borrowed and any purchase money obligation created or assumed by such Person and any guarantee of the foregoing.

“Default” means, with respect to a series of Securities, any event that is, or after notice or lapse of time or both would be, an Event of Default.

“Defaulted Interest” has the meaning specified in Section 3.7.

“defeasance” has the meaning specified in Section 13.2.

“Definitive Security” means a security other than a Global Security or a temporary Security.

“Depository” means, with respect to the Securities of any series issuable or issued in whole or in part in the form of one or more Global Securities, a clearing agency registered under the Exchange Act that is designated to act as Depository for such Securities as contemplated by Section 3.1, until a successor Depository shall have become such pursuant to the applicable provisions of this Indenture, and thereafter shall mean or include each Person which is a Depository hereunder, and if at any time there is more than one such Person, shall be a collective reference to such Persons.

“Dollar” or “\$” means the coin or currency of the United States of America, which at the time of payment is legal tender for the payment of public and private debts.

“Event of Default” has the meaning specified in Section 5.1.

“Exchange Act” means the Securities Exchange Act of 1934, as amended.

“Foreign Currency” means a currency used by the government of a country other than the United States of America.

“GAAP” means generally accepted accounting principles in the United States of America as in effect from time to time, including those set forth in the opinions and pronouncements of the Accounting Principles Board of the American Institute of Certified Public Accountants and statements and pronouncements of the Financial Accounting Standards Board or in such other statements by such other entity as approved by a significant segment of the accounting profession. All ratios and computations based on GAAP contained in the indenture will be computed in conformity with GAAP.

“Global Security” means a Security in global form that evidences all or part of a series of Securities and is authenticated and delivered to, and registered in the name of, the Depository for the Securities of such series or its nominee.

“Guarantee” means each guarantee of the obligations of the Company under this Indenture and the Securities by a Guarantor in accordance with the provisions hereof.

“Guarantor” means each Person that becomes a guarantor of any Securities pursuant to the applicable provisions of this Indenture.

“Holder” means a Person in whose name a Security is registered in the Security Register.

“Indenture” means this instrument as originally executed or as it may from time to time be supplemented or amended by one or more indentures supplemental hereto entered into pursuant to the applicable provisions hereof, including, for all purposes of this instrument, and any such supplemental indenture, the provisions of the Trust Indenture Act that are deemed to be part of and govern this instrument and any such supplemental indenture, respectively. The term “Indenture” also shall include the terms of particular series of Securities established as contemplated by Section 3.1.

“interest”, when used with respect to an Original Issue Discount Security which by its terms bears interest only after Maturity, means interest payable after Maturity.

“Interest Payment Date”, when used with respect to any Security, means the Stated Maturity of an installment of interest on such Security.

“Judgment Currency” has the meaning specified in Section 1.16.

“mandatory sinking fund payment” has the meaning specified in Section 12.1.

“Maturity”, when used with respect to any Security, means the date on which the principal of such Security or an installment of principal becomes due and payable as therein or herein provided, whether at the Stated Maturity or by declaration of acceleration, call for redemption or otherwise.

“Notice of Default” means a written notice of the kind specified in Section 5.1(c) or Section 5.1(d).

“Officer’s Certificate” means, in the case of the Company, a certificate signed by the Chairman of the Board, the Chief Executive Officer, the President, any Vice President or any other duly authorized officer of the Company, or a person duly authorized by any of them, and delivered to the Trustee and, in

the case of a Guarantor, a certificate signed by the Chairman of the Board, the Chief Executive Officer, the President, any Vice President or any other duly authorized officer of such Guarantor, or a person duly authorized by any of them, and delivered to the Trustee.

“Opinion of Counsel” means a written opinion of counsel, who may be an employee of or counsel for the Company or a Guarantor, as the case may be, and who shall be reasonably acceptable to the Trustee.

“optional sinking fund payment” has the meaning specified in Section 12.1.

“Original Issue Discount Security” means any Security which provides for an amount less than the principal amount thereof to be due and payable upon a declaration of acceleration of the Maturity thereof pursuant to Section 5.2.

“Outstanding”, when used with respect to Securities, means, as of the date of determination, all Securities theretofore authenticated and delivered under this Indenture, except:

- (a) Securities theretofore canceled by the Trustee or delivered to the Trustee for cancellation;
- (b) Securities for whose payment or redemption money in the necessary amount has been theretofore deposited with the Trustee or any Paying Agent (other than the Company) in trust or set aside and segregated in trust by the Company (if the Company shall act as its own Paying Agent) for the Holders of such Securities; *provided, however*, that, if such Securities are to be redeemed, notice of such redemption has been duly given pursuant to this Indenture or provision therefor satisfactory to the Trustee has been made;
- (c) Securities which have been paid pursuant to Section 3.6 or in exchange for or in lieu of which other Securities have been authenticated and delivered pursuant to this Indenture, other than any such Securities in respect of which there shall have been presented to the Trustee proof satisfactory to it that such Securities are held by a bona fide purchaser in whose hands such Securities are valid obligations of the Company; and
- (d) Securities, except to the extent provided in Section 13.2 and Section 13.3, with respect to which the Company has effected defeasance or covenant defeasance as provided in Article Thirteen, which defeasance or covenant defeasance then continues in effect;

provided, however, that in determining whether the Holders of the requisite principal amount of the Outstanding Securities have given any request, demand, authorization, direction, notice, consent or waiver hereunder, (i) the principal amount of an Original Issue Discount Security that shall be deemed to be Outstanding shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon acceleration of the Maturity thereof on such date pursuant to Section 5.2, (ii) the principal amount of a Security denominated in one or more currencies or currency units other than U.S. dollars shall be the U.S. dollar equivalent of such currencies or currency units, determined in the manner provided as contemplated by Section 3.1 on the date of original issuance of such Security or by Section 1.15, if not otherwise so provided pursuant to Section 3.1, of the principal amount (or, in the case of an Original Issue Discount Security, the U.S. dollar equivalent (as so determined) on the date of original issuance of such Security of the amount determined as provided in clause (i) above) of such Security, and (iii) Securities owned by the Company, any Guarantor or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor shall be disregarded and deemed not to be Outstanding, except that, in determining whether the Trustee shall be protected in relying upon any

such request, demand, authorization, direction, notice, consent or waiver, only Securities which the Trustee knows to be so owned shall be so disregarded. Securities so owned as described in clause (iii) of the immediately preceding sentence which have been pledged in good faith may be regarded as Outstanding if the pledgee establishes to the satisfaction of the Trustee the pledgee's right to act with respect to such Securities and that the pledgee is not the Company, a Guarantor or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor.

"Paying Agent" means any Person authorized by the Company to pay the principal of and any premium or interest on any Securities on behalf of the Company.

"Periodic Offering" means an offering of Securities of a series from time to time, the specific terms of which Securities, including, without limitation, the rate or rates of interest or formula for determining the rate or rates of interest thereon, if any, the Stated Maturity or Stated Maturities thereof, the original issue date or dates thereof, the redemption provisions, if any, with respect thereto, and any other terms specified as contemplated by Section 3.1 with respect thereto, are to be determined by the Company upon the issuance of such Securities.

"Person" means any individual, corporation, company, limited liability company, partnership, limited partnership, joint venture, association, joint-stock company, trust, other entity, unincorporated organization or government or any agency or political subdivision thereof.

"Place of Payment", when used with respect to the Securities of any series, means, unless otherwise specifically provided for with respect to such series as contemplated by Section 3.1, the office or agency of the Company in the City of New York and such other place or places where, subject to the provisions of Section 10.2, the principal of and any premium and interest on the Securities of that series are payable as contemplated by Section 3.1.

"Predecessor Security" of any particular Security means every previous Security evidencing all or a portion of the same debt as that evidenced by such particular Security; and, for the purposes of this definition, any Security authenticated and delivered under Section 3.6 in exchange for or in lieu of a mutilated, destroyed, lost or stolen Security shall be deemed to evidence the same debt as the mutilated, destroyed, lost or stolen Security.

"Redemption Date", when used with respect to any Security to be redeemed, means the date fixed for such redemption by or pursuant to this Indenture.

"Redemption Price", when used with respect to any Security to be redeemed, means the price at which it is to be redeemed pursuant to this Indenture.

"Regular Record Date" for the interest payable on any Interest Payment Date on the Securities of any series means the date specified for that purpose as contemplated by Section 3.1.

"Required Currency" has the meaning specified in Section 1.16.

"Responsible Officer" when used with respect to the Trustee, means any officer within the Corporate Trust Administration of the Trustee (or any successor group of the Trustee) or any other officer of the Trustee customarily performing functions similar to those performed by any of the above designated officers and also means, with respect to a particular corporate trust matter, any other officer to whom such matter is referred because of his knowledge of and familiarity with the particular subject.

“SEC” means the Securities and Exchange Commission, as from time to time constituted, created under the Exchange Act, or, if at any time after the execution of this instrument such commission is not existing and performing the duties now assigned to it under the Trust Indenture Act, then the body performing such duties at such time.

“Securities” has the meaning stated in the first recital of this Indenture and more particularly means any Securities authenticated and delivered under this Indenture.

“Security Register” and “Security Registrar” have the respective meanings specified in Section 3.5.

“Special Record Date” for the payment of any Defaulted Interest means a date fixed by the Trustee pursuant to Section 3.7.

“Stated Maturity”, when used with respect to any Security or any installment of principal thereof or interest thereon, means the date specified in such Security as the fixed date on which the principal of such Security or such installment of principal or interest is due and payable.

“Subsidiary” means (a) a corporation more than 50% of the outstanding voting stock of which is owned, directly or indirectly, by the Company or by one or more other Subsidiaries, or by the Company and one or more other Subsidiaries or (b) any partnership or similar business organization more than 50% of the ownership interests having ordinary voting power of which shall at the time be so owned. For the purposes of this definition, “voting stock” means capital stock or equity interests which ordinarily have voting power for the election of directors, whether at all times or only so long as no senior class of stock has such voting power by reason of any contingency.

“Trustee” means the Person named as the “Trustee” in the first paragraph of this instrument until a successor Trustee shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Trustee” shall mean or include each Person who is then a Trustee hereunder, and if at any time there is more than one such Person, “Trustee” as used with respect to the Securities of any series shall mean the Trustee with respect to Securities of that series.

“Trust Indenture Act” means the Trust Indenture Act of 1939, as amended, as in force at the date as of which this instrument was executed, except as provided in Section 9.5; *provided, however*, that if the Trust Indenture Act of 1939 is amended after such date, “Trust Indenture Act” means, to the extent required by any such amendment, the Trust Indenture Act of 1939 as so amended.

“U.S. Person” shall have the meaning assigned to such term in Section 7701(a)(30) of the Code.

“U.S. Government Obligations” means securities which are (a) direct obligations of the United States for the payment of which its full faith and credit is pledged, or (b) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States, the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States, each of which are not callable or redeemable at the option of the issuer thereof.

“Vice President”, when used with respect to the Company, the Guarantor or the Trustee, means any vice president, regardless of whether designated by a number or a word or words added before or after the title “vice president.”

Section 1.2. Incorporation by Reference of Trust Indenture Act.

Whenever this Indenture refers to a provision of the Trust Indenture Act, the provision is incorporated by reference in and made a part of this Indenture. The following Trust Indenture Act terms used in this Indenture have the following meanings:

“commission” means the SEC.

“indenture securities” means the Securities.

“indenture security holder” means a Holder.

“indenture to be qualified” means this Indenture.

“indenture trustee” or “institutional trustee” means the Trustee.

“obligor” on the indenture securities means the Company, the Guarantor (if applicable) or any other obligor on the indenture securities.

All terms used in this Indenture that are defined by the Trust Indenture Act, defined by a Trust Indenture Act reference to another statute or defined by an SEC rule under the Trust Indenture Act have the meanings so assigned to them.

Section 1.3. Compliance Certificates and Opinions.

Upon any application or request by the Company or a Guarantor to the Trustee to take any action under any provision of this Indenture, the Company or such Guarantor, as the case may be, shall furnish to the Trustee an Officer’s Certificate stating that all conditions precedent, if any, provided for in this Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent, if any, have been complied with, except that in the case of any such application or request as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or request, no additional certificate or opinion need be furnished except as required under Section 314(c) of the Trust Indenture Act.

Every certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture (except for certificates provided for in Section 10.5) shall include:

- (a) a statement that each individual signing such certificate or opinion has read such covenant or condition and the definitions herein relating thereto;
- (b) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based;
- (c) a statement that, in the opinion of each such individual, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to regardless of whether such covenant or condition has been complied with; and
- (d) a statement as to whether, in the opinion of each such individual, such condition or covenant has been complied with.

Section 1.4. Form of Documents Delivered to Trustee.

In any case where several matters are required to be certified by, or covered by an opinion of, any specified Person, it is not necessary that all such matters be certified by, or covered by the opinion of, only one such Person, or that they be so certified or covered by only one document, but one such Person may certify or give an opinion with respect to some matters and one or more other such Persons as to other matters, and any such Person may certify or give an opinion as to such matters in one or several documents.

Any certificate or opinion of an officer of the Company or a Guarantor may be based, insofar as it relates to legal matters, upon a certificate or opinion of, or representations by, counsel, unless such officer knows or, in the exercise of reasonable care, should know that the certificate or opinion or representations with respect to the matters upon which his certificate or opinion is based are erroneous. Any such certificate or opinion of counsel may be based, insofar as it relates to factual matters, upon a certificate or opinion of, or representations by, an officer or officers of the Company or the Guarantor, as the case may be, stating that the information with respect to such factual matters is in the possession of the Company or the Guarantor, as the case may be, unless such counsel knows that the certificate or opinion or representations with respect to such matters are erroneous.

Where any Person is required to make, give or execute two or more applications, requests, consents, certificates, statements, opinions or other instruments under this Indenture, they may, but need not, be consolidated and form one instrument.

Section 1.5. Acts of Holders; Record Dates.

(a) Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by Holders may be embodied in and evidenced by one or more instruments of substantially similar tenor signed (either physically or by means of a facsimile or an electronic transmission, *provided* that such electronic transmission is transmitted through the facilities of a Depository) by such Holders in person or by agent duly appointed in writing; and, except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments are delivered to the Trustee and, where it is hereby expressly required, to the Company or the Guarantors. Such instrument or instruments (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments. Proof of execution of any such instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and (subject to Section 315 of the Trust Indenture Act) conclusive in favor of the Trustee, the Company and, if applicable, the Guarantors, if made in the manner provided in this Section.

(b) The fact and date of the execution by any Person of any such instrument or writing may be proved by the affidavit of a witness of such execution or by a certificate of a notary public or other officer authorized by law to take acknowledgments of deeds, certifying that the individual signing such instrument or writing acknowledged to him the execution thereof. Where such execution is by a signer acting in a capacity other than his individual capacity, such certificate or affidavit shall also constitute sufficient proof of his authority. The fact and date of the execution of any such instrument or writing, or the authority of the Person executing the same, may also be proved in any other manner which the Trustee deems sufficient.

(c) The ownership, principal amount and serial numbers of Securities held by any Person, and the date of commencement of such Person's holding of same, shall be proved by the Security Register.

(d) Any request, demand, authorization, direction, notice, consent, waiver or other Act of the Holder of any Security shall bind every future Holder of the same Security and the Holder of every Security issued upon the registration of transfer thereof or in exchange therefor or in lieu thereof in respect of anything done, omitted or suffered to be done by the Trustee, the Company or, if applicable, the Guarantors in reliance thereon, regardless of whether notation of such action is made upon such Security.

(e) Without limiting the foregoing, a Holder entitled to give or take any action hereunder with regard to any particular Security may do so with regard to all or any part of the principal amount of such Security or by one or more duly appointed agents each of which may do so pursuant to such appointment with regard to all or any different part of such principal amount.

(f) The Company may set any day as the record date for the purpose of determining the Holders of Outstanding Securities of any series entitled to give or take any request, demand, authorization, direction, notice, consent, waiver or other Act provided or permitted by this Indenture to be given or taken by Holders of Securities of such series, but the Company shall have no obligation to do so. With regard to any record date set pursuant to this paragraph, the Holders of Outstanding Securities of the relevant series on such record date (or their duly appointed agents), and only such Persons, shall be entitled to give or take the relevant action, regardless of whether such Holders remain Holders after such record date.

Section 1.6. Notices, Etc., to Trustee, Company and Guarantors.

Any request, demand, authorization, direction, notice, consent, waiver or Act of Holders or other document provided or permitted by this Indenture to be made upon, given or furnished to, or filed with,

(a) the Trustee by any Holder, a Guarantor or by the Company shall be sufficient for every purpose hereunder if made, given, furnished or filed in writing to or with the Trustee at its Corporate Trust Office, Attention: **[Corporate Trust Department]**,

(b) the Company by the Trustee, a Guarantor or by any Holder shall be sufficient for every purpose hereunder (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to the Company addressed to it at the address of its principal office specified in the first paragraph of this instrument to the attention of the Corporate Secretary, or at any other address previously furnished in writing to the Trustee by the Company, or

(c) a Guarantor by the Company, the Trustee or by any Holder shall be sufficient for every purpose hereunder (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to such Guarantor addressed to it at 700 Milam, Suite 3100, Houston, Texas 77002 to the attention of the Corporate Secretary, or at any other address previously furnished in writing to the Trustee by the Guarantor.

Section 1.7. Notice to Holders; Waiver.

Where this Indenture provides for notice to Holders of any event, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to each Holder affected by such event, at his address as it appears in the Security Register, not later than the

latest date, and not earlier than the earliest date, prescribed for the giving of such notice. In any case where notice to Holders is given by mail, neither the failure to mail such notice, nor any defect in any notice so mailed, to any particular Holder shall affect the sufficiency of such notice with respect to other Holders. Any notice mailed to a Holder in the manner herein prescribed shall be conclusively deemed to have been received by such Holder, regardless of whether such Holder actually receives such notice.

Where this Indenture provides for notice in any manner, such notice may be waived in writing by the Person entitled to receive such notice, either before or after the event, and such waiver shall be the equivalent of such notice. Waivers of notice by Holders shall be filed with the Trustee, but such filing shall not be a condition precedent to the validity of any action taken in reliance upon such waiver.

In case by reason of the suspension of regular mail service or by reason of any other cause it shall be impracticable to give such notice by mail, then such notification as shall be made with the approval of the Trustee shall constitute a sufficient notification for every purpose hereunder.

Section 1.8. Conflict with Trust Indenture Act.

If any provision hereof limits, qualifies or conflicts with a provision of the Trust Indenture Act that is required under such Act to be a part of and govern this Indenture, the latter provision shall control. If any provision of this Indenture modifies or excludes any provision of the Trust Indenture Act that may be so modified or excluded, the latter provision shall be deemed to apply to this Indenture as so modified or excluded, as the case may be.

Section 1.9. Effect of Headings and Table of Contents.

The Article and Section headings herein and the Table of Contents are for convenience only and shall not affect the construction hereof.

Section 1.10. Successors and Assigns.

All covenants and agreements in this Indenture by each of the Company and the Guarantors shall bind their respective successors and assigns, whether so expressed or not.

Section 1.11. Separability Clause.

In case any provision in this Indenture or in the Securities or, if applicable, the Guarantee shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

Section 1.12. Benefits of Indenture.

Nothing in this Indenture or in the Securities or, if applicable, the Guarantee, express or implied, shall give to any Person, other than the parties hereto and their successors hereunder and the Holders, any benefit or any legal or equitable right, remedy or claim under this Indenture.

Section 1.13. Governing Law.

THIS INDENTURE, THE SECURITIES AND THE GUARANTEE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK.

Section 1.14. Legal Holidays.

In any case where any Interest Payment Date, Redemption Date or Stated Maturity of any Security shall not be a Business Day at any Place of Payment, then (notwithstanding any other provision of this Indenture or of the Securities or, if applicable, the Guarantee (other than a provision of the Securities of any series or, if applicable, the Guarantee that specifically states that such provision shall apply in lieu of this Section 1.14)) payment of interest or principal and any premium need not be made at such Place of Payment on such date, but may be made on the next succeeding Business Day at such Place of Payment with the same force and effect as if made on the Interest Payment Date or Redemption Date, or at the Stated Maturity, *provided* that no interest shall accrue for the period from and after such Interest Payment Date, Redemption Date or Stated Maturity, as the case may be.

Section 1.15. Securities in a Composite Currency, Currency Unit or Foreign Currency.

Unless otherwise specified in an Officer's Certificate delivered pursuant to Section 3.1 of this Indenture with respect to a particular series of Securities, whenever for purposes of this Indenture any action may be taken by the Holders of a specified percentage in aggregate principal amount of Securities of all series or all series affected by a particular action at the time Outstanding and, at such time, there are Outstanding Securities of any series which are denominated in a coin, currency or currencies other than Dollars (including, but not limited to, any composite currency, currency units or Foreign Currency), then the principal amount of Securities of such series which shall be deemed to be Outstanding for the purpose of taking such action shall be that amount of Dollars that could be obtained for such amount at the Market Exchange Rate. For purposes of this Section 1.15, the term "Market Exchange Rate" shall mean the noon Dollar buying rate in The City of New York for cable transfers of such currency or currencies as published by the Federal Reserve Bank of New York, as of the most recent available date. If such Market Exchange Rate is not so available for any reason with respect to such currency, the Trustee shall use, in its sole discretion and without liability on its part, such quotation of the Federal Reserve Bank of New York as of the most recent available date, or quotations or rates of exchange from one or more major banks in The City of New York or in the country of issue of the currency in question, which for purposes of euros shall be Brussels, Belgium, or such other quotations or rates of exchange as the Trustee shall deem appropriate. The provisions of this paragraph shall apply in determining the equivalent principal amount in respect of Securities of a series denominated in a currency other than Dollars in connection with any action taken by Holders of Securities pursuant to the terms of this Indenture.

All decisions and determinations of the Trustee regarding the Market Exchange Rate or any alternative determination provided for in the preceding paragraph shall be in its sole discretion and shall, in the absence of manifest error, be conclusive to the extent permitted by law for all purposes and irrevocably binding upon the Issuer and all Holders.

Section 1.16. Payment in Required Currency; Judgment Currency.

Each of the Company and the Guarantors agrees, to the fullest extent that it may effectively do so under applicable law, that (a) if for the purpose of obtaining judgment in any court it is necessary to convert the sum due in respect of the principal or interest on the Securities of any series (the "Required Currency") into a currency in which a judgment will be rendered (the "Judgment Currency"), the rate of exchange used shall be the rate at which in accordance with normal banking procedures the Trustee could purchase in The City of New York the Required Currency with the Judgment Currency on the day on which final unappealable judgment is entered, unless such day is not a Banking Day, then, to the extent permitted by applicable law, the rate of exchange used shall be the rate at which in accordance with normal banking procedures the Trustee could purchase in The City of New York the Required Currency with the Judgment Currency on the Banking Day next preceding the day on which final unappealable

judgment is entered and (b) its obligations under this Indenture to make payments in the Required Currency (i) shall not be discharged or satisfied by any tender, or any recovery pursuant to any judgment (regardless of whether entered in accordance with subclause (a)), in any currency other than the Required Currency, except to the extent that such tender or recovery shall result in the actual receipt, by the payee, of the full amount of the Required Currency expressed to be payable in respect of such payments, (ii) shall be enforceable as an alternative or additional cause of action for the purpose of recovering in the Required Currency the amount, if any, by which such actual receipt shall fall short of the full amount of the Required Currency so expressed to be payable and (iii) shall not be affected by judgment being obtained for any other sum due under this Indenture.

Section 1.17. Language of Notices, Etc.

Any request, demand, authorization, direction, notice, consent, waiver or Act required or permitted under this Indenture shall be in the English language, except that any published notice may be in an official language of the country of publication.

Section 1.18. Incorporators, Shareholders, Officers and Directors of the Company and the Guarantors Exempt from Individual Liability.

No recourse under or upon any obligation, covenant or agreement of or contained in this Indenture or of or contained in any Security or, if applicable, the Guarantee, or for any claim based thereon or otherwise in respect thereof, or in any Security or, if applicable, the Guarantee, or because of the creation of any indebtedness represented thereby, shall be had against any incorporator, shareholder, member, officer, manager or director, as such, past, present or future, of the Company, any Guarantor or any successor Person, either directly or through the Company, any Guarantor or any successor Person, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, it being expressly understood that all such liability is hereby expressly waived and released as a condition of, and as a part of the consideration for, the execution of this Indenture and the issue of the Securities.

ARTICLE TWO
SECURITY FORMS

Section 2.1. Forms Generally.

The Securities of each series and, if applicable, the notation thereon relating to the Guarantee, shall be in substantially the form set forth in this Article Two, or in such other form or forms as shall be established by or pursuant to a Board Resolution or in one or more indentures supplemental hereto, in each case with such appropriate insertions, omissions, substitutions and other variations as are required or permitted by this Indenture, and may have such letters, numbers or other marks of identification and such legends or endorsements placed thereon as may be required to comply with the rules of any securities exchange or as may, consistently herewith, be determined by the officers executing such Securities and, if applicable, the Guarantee, as evidenced by their execution thereof.

The definitive Securities shall be printed, lithographed or engraved on steel engraved borders or may be produced in any other manner, all as determined by the officers executing such Securities, as evidenced by their execution thereof. If the form of Securities of any series is established by action taken pursuant to a Board Resolution, a copy of an appropriate record of such action shall be certified by an authorized officer or other authorized person on behalf of the Company and delivered to the Trustee at or prior to the delivery of the Company Order contemplated by Section 3.3 for the authentication and delivery of such Securities.

The forms of Global Securities of any series shall have such provisions and legends as are customary for Securities of such series in global form, including without limitation any legend required by the Depository for the Securities of such series.

Section 2.2. Form of Face of Security.

*[If the Security is an Original Issue Discount Security, insert—*FOR PURPOSES OF SECTION 1275 OF THE UNITED STATES INTERNAL REVENUE CODE OF 1986, AS AMENDED, THE AMOUNT OF THE ORIGINAL ISSUE DISCOUNT IS _____, THE ISSUE DATE IS _____, 20__ [AND] [,] THE YIELD TO MATURITY IS _____ [,] [AND THE ORIGINAL ISSUE DISCOUNT FOR THE SHORT ACCRUAL PERIOD IS _____ AND THE METHOD USED TO DETERMINE THE YIELD THEREFOR IS _____]

[Insert any other legend required by the Code or the regulations thereunder.]

*[If a Global Security,—insert legend required by Section 204 of the Indenture] [If applicable, insert —*UNLESS THIS SECURITY IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION, TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY SECURITY ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL SINCE THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.]

ACTIVE POWER, INC.

[TITLE OF SECURITY]

No _____

U.S. \$ _____

[CUSIP No.]

ACTIVE POWER, INC., a company duly incorporated under the laws of the State of Delaware (herein called the “Company”, which term includes any successor or resulting Person under the Indenture hereinafter referred to), for value received, hereby promises to pay to _____, or registered assigns, the principal sum of _____ United States Dollars on _____ *[If the Security is to bear interest prior to Maturity, insert—*, and to pay interest thereon from _____ or from the most recent Interest Payment Date to which interest has been paid or duly provided for, semi-annually on _____ and _____ in each year, commencing _____, at the rate of _____% per annum, until the principal hereof is paid or made available for payment *[if applicable, insert—*, and at the rate of _____% per annum on any overdue principal and premium and on any installment of interest (to the extent that the payment of such interest shall be legally enforceable)]. The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in such Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest, which shall be the _____ or _____ (regardless of whether a Business Day), as the case may be, next preceding such Interest Payment Date. Any such interest not so punctually paid or duly provided for will forthwith cease to be payable to the Holder on such Regular Record Date and may either be paid to the Person in whose name this

Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be fixed by the Trustee, notice whereof shall be given to Holders of Securities of this series not less than 10 days prior to such Special Record Date, or be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Securities of this series may be listed, and upon such notice as may be required by such exchange, all as more fully provided in said Indenture].

[If the Security is not to bear interest prior to Maturity, insert—The principal of this Security shall not bear interest except in the case of a default in payment of principal upon acceleration, upon redemption or at Stated Maturity and in such case the overdue principal of this Security shall bear interest at the rate of _____% per annum (to the extent that the payment of such interest shall be legally enforceable), which shall accrue from the date of such default in payment to the date payment of such principal has been made or duly provided for. Interest on any overdue principal shall be payable on demand. Any such interest on any overdue principal that is not so paid on demand shall bear interest at the rate of _____% per annum (to the extent that the payment of such interest shall be legally enforceable), which shall accrue from the date of such demand for payment to the date payment of such interest has been made or duly provided for, and such interest shall also be payable on demand.]

[If a Global Security, insert—Payment of the principal of (and premium, if any) and [if applicable, insert—any such] interest on this Security will be made by transfer of immediately available funds to a bank account in _____ designated by the Holder in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts [state other currency].]

[If a Definitive Security, insert—Payment of the principal of (and premium, if any) and [if applicable, insert—any such] interest on this Security will be made at the office or agency of the Company maintained for that purpose in _____, in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts] [state other currency] [or subject to any laws or regulations applicable thereto and to the right of the Company (as provided in the Indenture) to rescind the designation of any such Paying Agent, at the [main] offices of _____ in _____, or at such other offices or agencies as the Company may designate, by [United States Dollar] [state other currency] check drawn on, or transfer to a [United States Dollar] account maintained by the payee with, a bank in The City of New York (so long as the applicable Paying Agency has received proper transfer instructions in writing at least ____ days prior to the payment date)] [if applicable, insert—; provided, however, that payment of interest may be made at the option of the Company by [United States Dollar] [state other currency] check mailed to the addresses of the Persons entitled thereto as such addresses shall appear in the Security Register] [or by transfer to a [United States Dollar] [state other currency] account maintained by the payee with a bank in The City of New York [state other Place of Payment] (so long as the applicable Paying Agent has received proper transfer instructions in writing by the Record Date prior to the applicable Interest Payment Date)].]

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

Unless the certificate of authentication hereon has been executed by the Trustee referred to on the reverse hereof by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

Dated:

ACTIVE POWER, INC.

By: _____

Section 2.3. Form of Reverse of Security.

This Security is one of a duly authorized issue of senior securities of the Company (herein called the "Securities"), issued and to be issued in one or more series under an Indenture, dated as of [_____] [___], 2006 (herein called the "Indenture"), between the Company, the Guarantors and [_____] as Trustee (herein called the "Trustee", which term includes any successor trustee under the Indenture), to which Indenture and all indentures supplemental thereto reference is hereby made for a statement, of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Guarantors, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered. As provided in the Indenture, the Securities may be issued in one or more series, which different series may be issued in various aggregate principal amounts, may mature at different times, may bear interest, if any, at different rates, may be subject to different redemption provisions, if any, may be subject to different sinking, purchase or analogous funds, if any, may be subject to different covenants and Events of Default and may otherwise vary as in the Indenture provided or permitted. This Security is one of the series designated on the face hereof [, limited in aggregate principal amount to \$_____].

This security is the general, unsecured, senior obligation of the Company [if applicable, insert—and is guaranteed pursuant to a guarantee (the "Guarantee") by [insert name of each Guarantor] (the "Guarantors"). The Guarantee is the general, unsecured, senior obligation of each Guarantor.]

[If applicable, insert—The Securities of this series are subject to redemption upon not less than ___ days' notice by mail, [if applicable, insert, —(1) on _____ in any year commencing with the year ____ and ending with the year ____ through operation of the sinking fund for this series at a Redemption Price equal to 100% of the principal amount, and (2)] at any time [on or after _____, 20__], as a whole or in part, at the election of the Company, at the following Redemption Prices (expressed as percentages of the principal amount): If redeemed [on or before _____, ____%, and if redeemed] during the 12-month period beginning _____ of the years indicated,

Year	Redemption Price	Year	Redemption Price
_____	_____	_____	_____

and thereafter at a Redemption Price equal to _____% of the principal amount, together in the case of any such redemption [if applicable, insert—(whether through operation of the sinking fund or otherwise)] with accrued interest to the Redemption Date, but interest installments whose Stated Maturity is on or prior to such Redemption Date will be payable to the Holders of such Securities, or one or more Predecessor Securities, of record at the close of business on the relevant Record Dates referred to on the face hereof, all as provided in the Indenture.]

*[If applicable, insert—*The Securities of this series are subject to redemption upon not less than ___ nor more than ___ days' notice by mail, (1) on _____ in any year commencing with the year ____ and ending with the year ____ through operation of the sinking fund for this series at the Redemption Prices for redemption through operation of the sinking fund (expressed as percentages of the principal amount) set forth in the table below, and (2) at anytime [on or after _____], as a whole or in part, at the election of the Company, at the Redemption Prices for redemption otherwise than through operation of the sinking fund (expressed as percentages of the principal amount) set forth in the table below: If redeemed during the 12-month period beginning _____ of the years indicated,

Year	Redemption Price For Redemption Through Operation of the Sinking Fund	Redemption Price for Redemption Otherwise Than Through Operation of the Sinking Fund
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and thereafter at a Redemption Price equal to ____% of the principal amount, together in the case of any such redemption (whether through operation of the sinking fund or otherwise) with accrued interest to the Redemption Date, but interest installments whose Stated Maturity is on or prior to such Redemption Date will be payable to the Holders of such Securities, or one or more Predecessor Securities, of record at the close of business on the relevant Record Dates referred to on the face hereof, all as provided in the Indenture.]

*[If applicable, insert—*Notwithstanding the foregoing, the Company may not, prior to _____, redeem any Securities of this series as contemplated by [clause (2) of] the preceding paragraph as a part of, or in anticipation of, any refunding operation by the application, directly or indirectly, of moneys borrowed having an interest cost to the Company (calculated in accordance with generally accepted financial practice) of less than ____% per annum.]

*[If applicable, insert—*The sinking fund for this series provides for the redemption on _____ in each year beginning with the year ____ and ending with the year ____ of [not less than] \$ _____ [“mandatory sinking fund”) and not more than \$ _____] aggregate principal amount of Securities of this series. [Securities of this series acquired or redeemed by the Company otherwise than through [mandatory] sinking fund payments may be credited against subsequent [mandatory] sinking fund payments otherwise required to be made *[If applicable, insert—* in the inverse order in which they become due].]

*[If the Securities are subject to redemption in part of any kind, insert—*In the event of redemption of this Security in part only, a new Security or Securities of this series and of like tenor for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the cancellation hereof.]

*[If applicable, insert—*The Securities of this series are not redeemable prior to Stated Maturity.]

[If the Security is not an Original Issue Discount Security,—If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.]

[If the Security is an Original Issue Discount Security,—If an Event of Default with respect to Securities of this series shall occur and be continuing, an amount of principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture. Such amount shall be equal to —insert formula for determining the amount. Upon payment (i) of the amount of principal so declared due and payable and (ii) of interest on any overdue principal and overdue interest (in each case to the extent that the payment of such interest shall be legally enforceable), all of the Company's obligations in respect of the payment of the principal of and interest, if any, on the Securities of this series shall terminate.]

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company *[If applicable, insert—and the Guarantors]* and the rights of the Holders of the Securities of each series to be affected under the Indenture at any time by the Company *[If applicable, insert—and the Guarantors]* and the Trustee with the consent of the Holders of a majority in principal amount of the Securities at the time Outstanding of each series to be affected. The Indenture also contains provisions permitting the Holders of specified percentages in principal amount of the Securities of each series at the time Outstanding, on behalf of the Holders of all Securities of such series, to waive compliance by the Company *[If applicable, insert—and the Guarantors]* with certain provisions of the Indenture and certain past defaults under the Indenture and their consequences. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange herefor or in lieu hereof, regardless of whether notation of such consent or waiver is made upon this Security.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of (and premium, if any) and interest on this Security at the times, place(s) and rate, and in the coin or currency, herein prescribed.

[If a Global Security, insert—This Global Security or portion hereof may not be exchanged for Definitive Securities of this series except in the limited circumstances provided in the Indenture. The holders of beneficial interests in this Global Security will not be entitled to receive physical delivery of Definitive Securities except as described in the Indenture and will not be considered the Holders thereof for any purpose under the Indenture.]

*[If a Definitive Security, insert—As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registerable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company in *[if applicable, insert—any place where the principal of and any premium and interest on this Security are payable]* *[if applicable, insert—The City of New York [, or, subject to any laws or regulations applicable thereto and to the right of the Company (limited as provided in the Indenture) to rescind the designation of any such transfer agent, at the [main] offices of _____ in _____ or at such other offices or agencies as the Company may designate]], duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor, of authorized denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.]**

The Securities of this series are issuable only in registered form without coupons in denominations of U.S. \$ _____ and any integral multiple thereof. As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different authorized denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this Security for registration of transfer, the Company, [If applicable, insert—any Guarantor,] the Trustee and any agent of the Company [If applicable, insert—, a Guarantor] or the Trustee may treat the Person in whose name this Security is registered as the owner hereof for all purposes, regardless of whether this Security be overdue, and none of the Company, [If applicable, insert—the Guarantors,] the Trustee nor any such agent shall be affected by notice to the contrary.

No recourse under or upon any obligation, covenant or agreement of or contained in the Indenture or of or contained in any Security, [If applicable, insert—, or the Guarantee endorsed thereon,] or for any claim based thereon or otherwise in respect thereof, or in any Security [If applicable, insert—or in the Guarantee], or because of the creation of any indebtedness represented thereby, shall be had against any incorporator, shareholder, member, officer, manager or director, as such, past, present or future, of the Company [If applicable, insert—or any Guarantor] or of any successor Person, either directly or through the Company [If applicable, insert—or any Guarantor] or any successor Person, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment, penalty or otherwise; it being expressly understood that all such liability is hereby expressly waived and released by the acceptance hereof and as a condition of, and as part of the consideration for, the Securities and the execution of the Indenture.

The Indenture provides that the Company [If applicable, insert—and the Guarantors] (a) will be discharged from any and all obligations in respect of the Securities (except for certain obligations described in the Indenture), or (b) need not comply with certain restrictive covenants of the Indenture, in each case if the Company [If applicable, insert—or a Guarantor] deposits, in trust, with the Trustee money or U.S. Government Obligations (or a combination thereof) which through the payment of interest thereon and principal thereof in accordance with their terms will provide money, in an amount sufficient to pay all the principal of and interest on the Securities, but such money need not be segregated from other funds except to the extent required by law.

Except as otherwise defined herein, all terms used in this Security which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

[If a Definitive Security, insert as a separate page—

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(Please Print or Typewrite Name and Address of Assignee)

the within instrument of ACTIVE POWER, INC. and does hereby irrevocably constitute and appoint _____ Attorney to transfer said instrument on the books of the within-named Company, with full power of substitution in the premises.

Please Insert Social Security or Other Identifying Number of Assignee:

Dated: _____

(Signature)

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within instrument in every particular, without alteration or enlargement or any change whatever.]

[If a Security to which Article Fourteen has been made applicable, insert the following Form of Notation on such Security relating to the Guarantee—

Each of the Guarantors (which term includes any successor Person in such capacity under the Indenture), has fully, unconditionally and absolutely guaranteed, to the extent set forth in the Indenture and subject to the provisions in the Indenture, the due and punctual payment of the principal of, and premium, if any, and interest on the Securities of this series and all other amounts due and payable under the Indenture and the Securities of this series by the Company.

The obligations of the Guarantors to the Holders of Securities of this series and to the Trustee pursuant to the Guarantee and the Indenture are expressly set forth in Article Fourteen of the Indenture and reference is hereby made to the Indenture for the precise terms of the Guarantee.

Guarantors:

[NAME OF EACH GUARANTOR]

By: _____
_____]

Section 2.4. Global Securities.

Every Global Security authenticated and delivered hereunder shall bear a legend in substantially the following form:

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE TRANSFERRED TO, OR REGISTERED OR EXCHANGED FOR SECURITIES REGISTERED IN THE NAME OF, ANY PERSON OTHER THAN THE DEPOSITARY OR A NOMINEE THEREOF AND NO SUCH TRANSFER MAY BE REGISTERED, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

EVERY SECURITY AUTHENTICATED AND DELIVERED UPON REGISTRATION OF TRANSFER OF, OR IN EXCHANGE FOR OR IN LIEU OF, THIS SECURITY SHALL BE A GLOBAL SECURITY SUBJECT TO THE FOREGOING, EXCEPT IN SUCH LIMITED CIRCUMSTANCES.

If Securities of a series are issuable in whole or in part in the form of one or more Global Securities, as specified as contemplated by Section 3.1, then, notwithstanding clause (i) of Section 3.1 and the provisions of Section 3.2, any Global Security shall represent such of the Outstanding Securities of such series as shall be specified therein and may provide that it shall represent the aggregate amount of Outstanding Securities from time to time endorsed thereon and that the aggregate amount of Outstanding Securities represented thereby may from time to time be reduced or increased, as the case may be, to reflect exchanges. Any endorsement of a Global Security to reflect the amount, or any reduction or increase in the amount, of Outstanding Securities represented thereby shall be made in such manner and upon instructions given by such Person or Persons as shall be specified therein or in a Company Order. Subject to the provisions of Section 3.3, Section 3.4 and Section 3.5, the Trustee shall deliver and redeliver any Global Security in the manner and upon instructions given by the Person or Persons specified therein or in the applicable Company Order. Any instructions by the Company with respect to endorsement or delivery or redelivery of a Global Security shall be in a Company Order (which need not comply with Section 1.3 and need not be accompanied by an Opinion of Counsel).

The provisions of the last sentence of Section 3.3 shall apply to any Security represented by a Global Security if such Security was never issued and sold by the Company and the Company delivers to the Trustee the Global Security together with a Company Order (which need not comply with Section 1.3 and need not be accompanied by an Opinion of Counsel) with regard to the reduction or increase, as the case may be, in the principal amount of Securities represented thereby, together with the written statement contemplated by the last sentence of Section 3.3.

Section 2.5. Form of Trustee's Certificate of Authentication.

The Trustee's certificate(s) of authentication shall be in substantially the following form:

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

_____,
as Trustee

By: _____
Authorized Officer

ARTICLE THREE
THE SECURITIES

Section 3.1. Amount Unlimited; Issuable in Series.

The aggregate principal amount of Securities which may be authenticated and delivered under this Indenture is unlimited.

The Securities may be issued in one or more series. There shall be established in or pursuant to a Board Resolution, and set forth, or determined in the manner provided, in an Officer's Certificate, or established in one or more indentures supplemental hereto, prior to the issuance of Securities of any series,

(a) the title of the Securities of the series (which shall distinguish the Securities of the series from all other Securities and which may be part of a series of Securities previously issued);

(b) any limit upon the aggregate principal amount of the Securities of the series which may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Securities of the series pursuant to Section 3.4, Section 3.5, Section 3.6, Section 9.6 or Section 11.7 and except for any Securities which, pursuant to Section 3.3, are deemed never to have been authenticated and delivered hereunder);

(c) the Person to whom any interest on a Security of the series shall be payable, if other than the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest;

(d) the date or dates on which the principal of the Securities of the series is payable or the method of determination thereof;

(e) the rate or rates at which the Securities of the series shall bear interest, if any, or the formula, method or provision pursuant to which such rate or rates are determined, the date or dates from which such interest shall accrue or the method of determination thereof, the Interest Payment Dates on which such interest shall be payable and the Regular Record Date for the interest payable on any Interest Payment Date;

(f) the place or places where, subject to the provisions of Section 10.2, the principal of and any premium and interest on Securities of the series shall be payable, Securities of the series may be surrendered for registration of transfer, Securities of the series may be surrendered for exchange and notices, and demands to or upon the Company in respect of the Securities of the series and this Indenture may be served;

(g) the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of the series may be redeemed, in whole or in part, at the option of the Company;

(h) the obligation, if any, of the Company to redeem or purchase Securities of the series pursuant to any sinking fund or analogous provisions or at the option of a Holder thereof and the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of the series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

(i) if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which Securities of the series shall be issuable;

(j) whether payment of principal of and premium, if any, and interest, if any, on the Securities of the series shall be without deduction for taxes, assessments or governmental charges paid by Holders of the series;

(k) if other than the principal amount thereof, the portion of the principal amount of Securities of the series which shall be payable upon declaration of acceleration of the Maturity thereof pursuant to Section 5.2;

(l) if the amount of payments of principal of and any premium or interest on the Securities of the series may be determined with reference to an index, the manner in which such amounts shall be determined;

(m) if and as applicable, that the Securities of the series shall be issuable in whole or in part in the form of one or more Global Securities and, in such case, the Depositary or Depositaries for such Global Security or Global Securities and any circumstances other than those set forth in Section 3.5 in which any such Global Security may be transferred to, and registered and exchanged for Securities registered in the name of, a Person other than the Depositary for such Global Security or a nominee thereof and in which any such transfer may be registered;

(n) any deletions from, modifications of or additions to the Events of Default set forth in Section 5.1 or the covenants of the Company set forth in Article Ten with respect to the Securities of such series;

(o) whether and under what circumstances the Company will pay additional amounts on the Securities of the series held by a Person who is not a U.S. Person in respect of any tax, assessment or governmental charge withheld or deducted and, if so, whether the Company will have the option to redeem the Securities of the series rather than pay such additional amounts;

(p) if the Securities of the series are to be issuable in definitive form (whether upon original issue or upon exchange of a temporary Security of such series) only upon receipt of certain certificates or other documents or satisfaction of other conditions, the form and terms of such certificates, documents or conditions;

(q) if the Securities of the series are to be convertible into or exchangeable for any other security or property of the Company, including, without limitation, securities of another Person held by the Company or its Affiliates and, if so, the terms thereof;

(r) if other than as provided in Section 13.2 and Section 13.3, the means of defeasance or covenant defeasance as may be specified for the Securities of the series;

(s) if other than the Trustee, the identity of the initial Security Registrar and any initial Paying Agent;

(t) whether the Securities of the series will be guaranteed pursuant to the Guarantee set forth in Article Fourteen, any modifications to the terms of Article Fourteen applicable to the Securities of such series and the applicability of any other guarantees; and

(u) any other terms of the series (which terms shall not be inconsistent with the provisions of this Indenture).

All Securities of any one series shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to the Board Resolution referred to above and (subject to Section 3.3) set forth, or determined in the manner provided, in the Officer's Certificate referred to above or in any such indenture supplemental hereto.

All Securities of any one series need not be issued at the same time and, unless otherwise provided, a series may be reopened, without the consent of the Holders, for increases in the aggregate principal amount of such series of Securities and issuances of additional Securities of such series or for the establishment of additional terms with respect to the Securities of such series.

If any of the terms of the series are established by action taken by or pursuant to a Board Resolution, a copy of an appropriate record of such action shall be certified by an authorized officer or other authorized person on behalf of the Company and, if applicable, the Guarantors and delivered to the Trustee at or prior to the delivery of the Officer's Certificate setting forth, or providing the manner for determining, the terms of the series.

With respect to Securities of a series subject to a Periodic Offering, such Board Resolution or Officer's Certificate may provide general terms for Securities of such series and provide either that the specific terms of particular Securities of such series shall be specified in a Company Order or that such terms shall be determined by the Company and, if applicable, the Guarantors or one or more agents thereof designated in an Officer's Certificate, in accordance with a Company Order.

Section 3.2. Denominations.

The Securities of each series shall be issuable in registered form without coupons in such denominations as shall be specified as contemplated by Section 3.1. In the absence of any such provisions with respect to the Securities of any series, the Securities of such series shall be issuable in denominations of \$2,000 each and integral multiples of \$1,000.

Section 3.3. Execution, Authentication, Delivery and Dating.

The Securities shall be executed on behalf of the Company by its Chairman of the Board, its Chief Executive Officer, its President, its Chief Financial Officer or any of its Vice Presidents and need not be attested. The signature of any of these officers on the Securities may be manual or facsimile. Any Guarantee endorsed on the Securities shall be executed on behalf of the applicable Guarantor by its Chairman of the Board, its Chief Executive Officer, its President, its Chief Financial Officer or any of its Vice Presidents and need not be attested.

Securities and any Guarantee bearing the manual or facsimile signatures of individuals who were at any time the proper officers of the Company or a Guarantor, as the case may be, shall bind the Company or such Guarantor, as the case may be, notwithstanding that such individuals or any of them have ceased to hold such offices prior to the authentication and delivery of such Securities or did not hold such offices at the date of such Securities.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series executed by the Company to the Trustee for authentication, together with a Company Order for the authentication and delivery of such Securities, and the Trustee in accordance with the Company Order shall authenticate and deliver such Securities; *provided, however*, that in the case of Securities offered in a Periodic Offering, the Trustee shall authenticate and deliver such Securities from time to time in accordance with such other procedures (including, without limitation, the receipt by the Trustee of oral or electronic instructions from the Company or its duly authorized agents, thereafter promptly confirmed in writing) acceptable to the Trustee as may be specified by or pursuant to a Company Order delivered to the Trustee prior to the time of the first authentication of Securities of such series. If the forms or terms of the Securities of the series have been established in or pursuant to one or more Board Resolutions as permitted by Section 2.1 and Section 3.1, in authenticating such Securities, and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive such documents as it may reasonably request. The Trustee shall also be entitled to receive, and (subject to Section 6.1) shall be fully protected in relying upon, an Opinion of Counsel stating,

(a) if the form or forms of such Securities has been established in or pursuant to a Board Resolution as permitted by Section 2.1, that each such form has been established in conformity with the provisions of this Indenture;

(b) if the terms of such Securities have been, or in the case of Securities of a series offered in a Periodic Offering will be, established in or pursuant to a Board Resolution as permitted by Section 3.1, that such terms have been, or in the case of Securities of a series offered in a Periodic Offering will be, established in conformity with the provisions of this Indenture, subject, in the case of Securities of a series offered in a Periodic Offering, to any conditions specified in such Opinion of Counsel; and

(c) that such Securities when authenticated and delivered by the Trustee and issued by the Company in the manner and subject to any conditions and assumptions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Company and, if applicable, the Guarantors, enforceable in accordance with their terms, subject to the following limitations: (i) bankruptcy, insolvency, moratorium, reorganization, liquidation, fraudulent conveyance or transfer and other similar laws of general applicability relating to or affecting the enforcement of creditors' rights, or to general equity principles, (ii) the availability of equitable remedies being subject to the discretion of the court to which application therefor is made; and (iii) such other usual and customary matters as shall be specified in such Opinion of Counsel.

If such form or forms or terms have been so established, the Trustee shall not be required to authenticate such Securities if the issue of such Securities pursuant to this Indenture will affect the Trustee's own rights, duties or immunities under the Securities and this Indenture or otherwise in a manner which is not reasonably acceptable to the Trustee.

Notwithstanding the provisions of Section 3.1 and of the preceding paragraph, if all Securities of a series are not to be originally issued at one time, it shall not be necessary to deliver the Officer's Certificate otherwise required pursuant to Section 3.1 or the Company Order and Opinion of Counsel otherwise required pursuant to such preceding paragraph at or prior to the time of authentication of each Security of such series if such documents are delivered at or prior to the authentication upon original issuance of the first Security of such series to be issued.

With respect to Securities of a series offered in a Periodic Offering, the Trustee may rely, as to the authorization by the Company of any of such Securities, on the form or forms and terms thereof and the legality, validity, binding effect and enforceability thereof, upon the Opinion of Counsel and the other documents delivered pursuant to Section 2.1 and Section 3.1 and this Section, as applicable, in connection with the first authentication of Securities of such series.

Each Security shall be dated the date of its authentication.

No Security, nor any Guarantee endorsed thereon, shall be entitled to any benefit under this Indenture or be valid or obligatory for any purpose unless there appears on such Security a certificate of authentication substantially in the form provided for herein executed by the Trustee by manual signature of an authorized officer, and such certificate upon any Security shall be conclusive evidence, and the only evidence, that such Security has been duly authenticated and delivered hereunder and is entitled to the benefits of this Indenture. Notwithstanding the foregoing, if any Security shall have been authenticated and delivered hereunder but never issued and sold by the Company, and the Company shall deliver such Security to the Trustee for cancellation as provided in Section 3.9 for all purposes of this Indenture such Security shall be deemed never to have been authenticated and delivered hereunder and shall never be entitled to the benefits of this Indenture.

Section 3.4. Temporary Securities.

Pending the preparation of Definitive Securities of any series, the Company may execute, and upon Company Order the Trustee shall authenticate and deliver, temporary Securities which are printed, lithographed, typewritten, mimeographed or otherwise produced, in any authorized denomination, substantially of the tenor of the Definitive Securities in lieu of which they are issued and with such appropriate insertions, omissions, substitutions and other variations as the officers executing such Securities may determine, as evidenced by their execution of such Securities.

If temporary Securities of any series are issued, the Company will cause Definitive Securities of that series to be prepared without unreasonable delay. After the preparation of Definitive Securities of such series, the temporary Securities of such series shall be exchangeable for Definitive Securities of such series upon surrender of the temporary Securities of such series at the office or agency of the Company in a Place of Payment for that series, without charge to the Holder. Upon surrender for cancellation of any one or more temporary Securities of any series the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a like principal amount of Definitive Securities of the same series and tenor of authorized denominations. Until so exchanged the temporary Securities of any series shall in all respects be entitled to the same benefits under this Indenture as Definitive Securities of such series.

Section 3.5. Registration, Registration of Transfer and Exchange.

The Company shall cause to be kept at the office or agency of the Company in the Borough of Manhattan, the City of New York or in any other office or agency of the Company in a Place of Payment required by Section 10.2 a register (the register maintained in such office being herein sometimes referred to as the "Security Register") in which, subject to such reasonable regulations as it may prescribe, the Company shall provide for the registration of Securities and of transfers of Securities. The Trustee is hereby appointed as the initial "Security Registrar" for the purpose of registering Securities and transfers of Securities as herein provided, and its corporate trust office, which, at the date hereof, is located at [_____], [New York, New York] [_____], is the initial office or agency in the Borough of Manhattan where the Securities Register will be maintained. The Company may at any time replace such Security Registrar, change such office or agency or act as its own Security Registrar. The Company will give prompt written notice to the Trustee of any change of the Security Registrar or of the location of such office or agency.

Upon surrender for registration of transfer of any Security of any series at the office or agency maintained pursuant to Section 10.2 for such purpose, the Company and, if applicable, the Guarantors shall execute, and the Trustee shall authenticate and deliver, in the name of the designated transferee or transferees, one or more new Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and tenor, of any authorized denominations and of a like aggregate principal amount.

At the option of the Holder, Securities of any series (except a Global Security) may be exchanged for other Securities of the same series and tenor, of any authorized denominations and of a like aggregate principal amount, upon surrender of the Securities to be exchanged at such office or agency. Whenever any Securities are so surrendered for exchange, the Company and, if applicable, the Guarantors shall execute and the Trustee shall authenticate and deliver, the Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, which the Holder making the exchange is entitled to receive.

All Securities issued upon any registration of transfer or exchange of Securities shall be the valid obligations of the Company and, if applicable, the Guarantors evidencing the same debt, and entitled to the same benefits under this Indenture, as the Securities surrendered upon such registration of transfer or exchange.

Every Security presented or surrendered for registration of transfer or for exchange shall (if so required by the Company or the Trustee) be duly endorsed, or be accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed, by the Holder thereof or his attorney duly authorized in writing.

No service charge shall be made for any registration of transfer or exchange of Securities, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any registration of transfer or exchange of Securities, other than exchanges pursuant to Section 3.4, Section 9.6 or Section 11.7 not involving any transfer.

The Company shall not be required (a) to issue, register the transfer of or exchange Securities of any series during a period beginning at the opening of business 15 days before the day of the mailing of a notice of redemption of Securities of that series selected for redemption under Section 11.3 and ending at the close of business on the day of such mailing, or (b) to register the transfer of or exchange any Security so selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

Notwithstanding any other provisions of this Indenture and except as otherwise specified with respect to any particular series of Securities as contemplated by Section 3.1, a Global Security representing all or a portion of the Securities of a series may not be transferred, except as a whole by the Depositary for such series to a nominee of such Depositary or by a nominee of such Depositary to such Depositary or another nominee of such Depositary or by such Depositary or any such nominee to a successor Depositary for such series or a nominee of such successor Depositary. Every Security authenticated and delivered upon registration of, transfer of, or in exchange for or in lieu of, a Global Security shall be a Global Security except as provided in the two paragraphs immediately following.

If at any time the Depositary for any Securities of a series represented by one or more Global Securities notifies the Company that it is unwilling or unable to continue as Depositary for such Securities or if at any time the Depositary for such Securities shall no longer be eligible to continue as Depositary under Section 3.1 or ceases to be a clearing agency registered under the Exchange Act, the Company shall appoint a successor Depositary with respect to such Securities. If a successor Depositary for such Securities is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such ineligibility, the Company's election pursuant to Section 3.1 that such Securities be represented by one or more Global Securities shall no longer be effective and the Company and, if applicable, the Guarantors will execute and the Trustee, upon receipt of a Company Order for the authentication and delivery of Definitive Securities of such series, will authenticate and deliver, Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of such series in definitive registered form without coupons, in any authorized denominations, in an aggregate principal amount equal to the principal amount of the Global Security or Securities representing such Securities in exchange for such Global Security or Securities registered in the names of such Persons as the Depositary shall direct.

The Company may at any time and in its sole discretion determine that the Securities of any series issued in the form of one or more Global Securities shall no longer be represented by a Global Security or Securities. In such event, the Company and, if applicable, the Guarantors will execute and the Trustee, upon receipt of a Company Order for the authentication and delivery of the Definitive Securities

of such series, will authenticate and deliver, Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of such series in definitive registered form without coupons, in any authorized denominations, in an aggregate principal amount equal to the principal amount of the Global Security or Securities representing such Securities in exchange for such Global Security or Securities registered in the names of such Persons as the Depository shall direct.

If specified by the Company pursuant to Section 3.1 with respect to Securities represented by a Global Security, the Depository for such Global Security may surrender such Global Security in exchange in whole or in part for Securities of the same series and tenor in definitive registered form on such terms as are acceptable to the Company and such Depository. Thereupon, the Company and, if applicable, the Guarantors shall execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of Securities in definitive registered form, shall authenticate and deliver, without service charge,

(a) to the Person specified by such Depository a new Security or Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and tenor, of any authorized denominations as requested by such Person, in an aggregate principal amount equal to and in exchange for such Person's beneficial interest in the Global Security; and

(b) to such Depository a new Global Security, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, in a denomination equal to the difference, if any, between the principal amount of the surrendered Global Security and the aggregate principal amount of Securities authenticated and delivered pursuant to clause (a) above.

Every Person who takes or holds any beneficial interest in a Global Security agrees that:

(a) the Company, the Guarantors (if applicable) and the Trustee may deal with the Depository as sole owner of the Global Security and as the authorized representative of such Person;

(b) such Person's rights in the Global Security shall be exercised only through the Depository and shall be limited to those established by law and agreement between such Person and the Depository and/or direct and indirect participants of the Depository;

(c) the Depository and its participants make book-entry transfers of beneficial ownership among, and receive and transmit distributions of principal and interest on the Global Securities to, such Persons in accordance with their own procedures; and

(d) none of the Company, the Guarantors (if applicable), the Trustee, nor any agent of any of them will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests of a Global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Section 3.6. Mutilated, Destroyed, Lost and Stolen Securities.

If any mutilated Security is surrendered to the Trustee, together with, in proper cases, such security or indemnity as may be required by the Company, the Guarantors (if applicable) or the Trustee to save each of them and any agent of any of them harmless, the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a new Security, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

If there shall be delivered to the Company, the Guarantors (if applicable) and the Trustee (a) evidence to their satisfaction of the destruction, loss or theft of any Security and (b) such security or indemnity as may be required by them to save each of them and any agent of either of them harmless, then, in the absence of notice to the Company or the Trustee that such Security has been acquired by a bona fide purchaser, the Company and, if applicable, the Guarantors shall execute and upon its request the Trustee shall authenticate and deliver, in lieu of any such destroyed, lost or stolen Security, a new Security, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

In case any such mutilated, destroyed, lost or stolen Security has become or is about to become due and payable, the Company in its discretion may, instead of issuing a new Security, pay such Security.

Upon the issuance of any new Security under this Section, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith.

Every new Security of any series issued pursuant to this Section in lieu of any destroyed, lost or stolen Security shall constitute an original additional contractual obligation of the Company and, if applicable, the Guarantors, regardless of whether the destroyed, lost or stolen Security shall be at any time enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of that series duly issued hereunder.

The provisions of this Section are exclusive and shall preclude (to the extent lawful) all other rights and remedies with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities.

Section 3.7. Payment of Interest; Interest Rights Preserved.

Except as otherwise provided as contemplated by Section 3.1 with respect to any series of Securities, interest on any Security which is payable, and is punctually paid or duly provided for, on any Interest Payment Date shall be paid to the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest.

Any interest on any Security of any series which is payable, but is not punctually paid or duly provided for, on any Interest Payment Date (herein called "Defaulted Interest") shall forthwith cease to be payable to the Holder on the relevant Regular Record Date by virtue of having been such Holder, and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in clause (a) or (b) below:

(a) The Company may elect to make payment of any Defaulted Interest to the Persons in whose names the Securities of such series (or their respective Predecessor Securities) are registered at the close of business on a Special Record Date for the payment of such Defaulted Interest, which shall be fixed in the following manner. The Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each Security of such series and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as in this clause provided. Thereupon, the Trustee shall fix a Special Record Date for the payment of such Defaulted Interest which shall be not more than 15 days and not less than 10 days prior to the date of the proposed payment and not

less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such Special Record Date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each Holder of Securities of such series at his address as it appears in the Security Register, not less than 10 days prior to such Special Record Date. Notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor having been so mailed, such Defaulted Interest shall be paid to the Persons in whose names the Securities of such series (or their respective Predecessor Securities) are registered at the close of business on such Special Record Date and shall no longer be payable pursuant to the following clause (b).

(b) The Company may make payment of any Defaulted Interest on the Securities of any series in any other lawful manner not inconsistent with the requirements of any securities exchange on which such Securities may be listed, and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Subject to the foregoing provisions of this Section, each Security delivered under this Indenture upon registration of transfer of or in exchange for or in lieu of any other Security shall carry the rights to interest accrued and unpaid, and to accrue, which were carried by such other Security.

Section 3.8. Persons Deemed Owners.

Except as otherwise provided as contemplated by Section 3.1 with respect to any series of Securities, prior to due presentment of a Security for registration of transfer, the Company, the Trustee and, if applicable, the Guarantors and any agent thereof may treat the Person in whose name such Security is registered as the owner of such Security for the purpose of receiving payment of principal of and any premium and (subject to Section 3.5 and Section 3.7) any interest on such Security and for all other purposes whatsoever, regardless of whether such Security be overdue, and none of the Company, the Trustee nor, if applicable, the Guarantors nor any agent of any of them shall be affected by notice to the contrary.

No holder of any beneficial interest in any Global Security held on its behalf by a Depositary shall have any rights under this Indenture with respect to such Global Security, and such Depositary may be treated by the Company, the Trustee, and, if applicable, the Guarantors and any agent of thereof as the owner of such Global Security for all purposes whatsoever.

Section 3.9. Cancellation.

All Securities surrendered for payment, redemption, registration of transfer or exchange or for credit against any sinking fund payment shall, if surrendered to any Person other than the Trustee, be delivered to the Trustee and shall be promptly canceled by it. The Company may at any time deliver to the Trustee for cancellation any Securities previously authenticated and delivered hereunder which the Company may have acquired in any manner whatsoever, and may deliver to the Trustee (or to any other Person for delivery to the Trustee) for cancellation any Securities previously authenticated hereunder which the Company has not issued and sold, and all Securities so delivered shall be promptly canceled by the Trustee. No Securities shall be authenticated in lieu of or in exchange for any Securities canceled as provided in this Section, except as expressly permitted by this Indenture. All canceled Securities held by the Trustee shall be disposed of in accordance with its customary practices, and the Trustee shall thereafter deliver to the Company a certificate with respect to such disposition.

Section 3.10. Computation of Interest.

Except as otherwise specified as contemplated by Section 3.1 for Securities of any series, interest on the Securities of each series shall be computed on the basis of a year of twelve 30-day months.

Section 3.11. CUSIP or CINS Numbers.

The Company in issuing the Securities may use "CUSIP" or "CINS" numbers (if then generally in use, and in addition to the other identification numbers printed on the Securities), and, if so, the Trustee shall use "CUSIP" or "CINS" numbers in notices of redemption as a convenience to Holders; *provided, however*, that any such notice may state that no representation is made as to the correctness of such "CUSIP" or "CINS" numbers either as printed on the Securities or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Securities, and any such redemption shall not be affected by any defect in or omission of such "CUSIP" or "CINS" numbers.

ARTICLE FOUR
SATISFACTION AND DISCHARGE

Section 4.1. Satisfaction and Discharge of Indenture.

This Indenture shall cease to be of further effect with respect to the Securities of any series (except as to any surviving rights of registration of transfer or exchange of Securities herein expressly provided for), and the Trustee, upon Company Request and at the expense of the Company, shall execute proper instruments acknowledging satisfaction and discharge of this Indenture with respect to such Securities, when:

(a) either

(i) all such Securities theretofore authenticated and delivered (other than (A) such Securities which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 3.6, and (B) such Securities for whose payment money has theretofore been deposited in trust or segregated and held in trust by the Company and thereafter repaid to the Company or discharged from such trust, as provided in Section 10.3) have been delivered to the Trustee for cancellation; or

(ii) all such Securities not theretofore delivered to the Trustee for cancellation

(A) have become due and payable, or

(B) will become due and payable at their Stated Maturity within one year, or

(C) are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Company,

and the Company, in the case of (A), (B) or (C) above, has deposited or caused to be deposited with the Trustee as trust funds in trust for such purpose an amount sufficient to pay and discharge the entire indebtedness on such Securities not theretofore delivered to

the Trustee for cancellation, for principal (and premium, if any) and interest to the date of such deposit (in the case of Securities which have become due and payable) or to the Stated Maturity or Redemption Date, as the case may be;

(b) the Company has paid or caused to be paid all other sums payable hereunder by the Company with respect to such Securities; and

(c) the Company has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of this Indenture with respect to such Securities have been complied with.

Notwithstanding the satisfaction and discharge of this Indenture with respect to the Securities of any series, (x) the obligations of the Company to the Trustee under Section 6.7, the obligations of the Trustee to any Authenticating Agent under Section 6.14 and the right of the Trustee to resign under Section 6.10 shall survive, and (y) if money shall have been deposited with the Trustee pursuant to clause (a) of this Section, the obligations of the Company and the Trustee under Section 4.2, Section 6.6 and Section 10.2 and the last paragraph of Section 10.3 shall survive.

Section 4.2. Application of Trust Money.

Subject to the provisions of the last paragraph of Section 10.3, all money deposited with the Trustee pursuant to Section 4.1 shall be held in trust and applied by it, in accordance with the provisions of the Securities and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Persons entitled thereto, of the principal and any premium and interest for whose payment such money has been deposited with the Trustee.

ARTICLE FIVE
REMEDIES

Section 5.1. Events of Default.

"Event of Default", wherever used herein with respect to Securities of any series, means any one of the following events (whatever the reason for such Event of Default and whether it shall be voluntary or involuntary or be effected by operation of law or pursuant to any judgment, decree or order of any court or any order, rule or regulation of any administrative or governmental body):

(a) default in the payment of any interest upon any Security of that series when it becomes due and payable, and continuance of such default for a period of 30 days; or

(b) default in the payment of the principal of (or premium, if any, on) any Security of that series at its Maturity; or

(c) default in the performance, or breach, of any covenant set forth in Article Ten in this Indenture (other than a covenant a default in whose performance or whose breach is elsewhere in this Section specifically dealt with or which has expressly been included in this Indenture solely for the benefit of series of Securities other than that series), and continuance of such default or breach for a period of 90 days after there has been given, by registered or certified mail, to the Company by the Trustee or to the Company and the Trustee by the Holders of at least 25% in principal amount of the Outstanding Securities of that series a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a "Notice of Default" hereunder; or

(d) default in the performance, or breach, of any covenant in this Indenture (other than a covenant in Article Ten or any other covenant a default in whose performance or whose breach is elsewhere in this Section specifically dealt with or which has expressly been included in this Indenture solely for the benefit of series of Securities other than that series), and continuance of such default or breach for a period of 180 days after there has been given, by registered or certified mail, to the Company by the Trustee or to the Company and the Trustee by the Holders of at least 25% in principal amount of the Outstanding Securities of that series a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a “Notice of Default” hereunder; or

(e) the Company pursuant to or within the meaning of any Bankruptcy Law (i) commences a voluntary case, (ii) consents to the entry of any order for relief against it in an involuntary case, (iii) consents to the appointment of a Custodian of it or for all or substantially all of its property, or (iv) makes a general assignment for the benefit of its creditors; or

(f) a court of competent jurisdiction enters an order or decree under any Bankruptcy Law that (i) is for relief against the Company in an involuntary case, (ii) appoints a Custodian of the Company or for all or substantially all of its property, or (iii) orders the liquidation of the Company; and the order or decree remains unstayed and in effect for 60 consecutive days; or

(g) default in the deposit of any sinking fund payment when due; or

(h) any other Event of Default provided with respect to Securities of that series in accordance with Section 3.1.

Section 5.2. Acceleration of Maturity; Rescission and Annulment.

If an Event of Default with respect to Securities of any series at the time Outstanding occurs and is continuing, then in every such case the Trustee or the Holders of a specified percentage in aggregate principal amount of the Outstanding Securities of that series may declare the principal amount (or, if the Securities of that series are Original Issue Discount Securities, such portion of the principal amount as may be specified in the terms of that series) of all of the Securities of that series to be due and payable immediately, by a notice in writing to the Company (and to the Trustee if given by Holders), and upon any such declaration such principal amount (or specified amount) shall become immediately due and payable. Notwithstanding the foregoing, if an Event of Default specified in clause (e) or (f) of Section 5.1 occurs, the Securities of any series at the time Outstanding shall be due and payable immediately without further action or notice.

At any time after such a declaration of acceleration with respect to Securities of any series has been made and before a judgment or decree for payment of the money due has been obtained by the Trustee as hereinafter in this Article Five provided, the Holders of a majority in principal amount of the Outstanding Securities of that series, by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if:

(a) the Company or, if applicable, one or more of the Guarantors has paid or deposited with the Trustee a sum sufficient to pay:

(i) all overdue interest on all Securities of that series,

(ii) the principal of (and premium, if any, on) any Securities of that series which have become due otherwise than by such declaration of acceleration and any interest thereon at the rate or rates prescribed therefor in such Securities,

(iii) to the extent that payment of such interest is lawful, interest upon overdue interest at the rate or rates prescribed therefor in such Securities, and

(iv) all sums paid or advanced by the Trustee hereunder and the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel; and

(b) all Events of Default with respect to Securities of that series, other than the non-payment of the principal of Securities of that series which have become due solely by such declaration of acceleration, have been cured or waived as provided in Section 5.13.

No such rescission shall affect any subsequent default or impair any right consequent thereon.

Section 5.3. Collection of Indebtedness and Suits for Enforcement by Trustee.

The Company covenants that if:

(a) default is made in the payment of any installment of interest on any Security when such interest becomes due and payable and such default continues for a period of 60 days, or

(b) default is made in the payment of the principal of (or premium, if any, on) any Security at the Maturity thereof,

the Company will, upon demand of the Trustee, pay to it, for the benefit of the Holders of such Securities, the whole amount then due and payable on such Securities for principal and any premium and interest and, to the extent that payment of such interest shall be legally enforceable, interest on any overdue principal and any premium and on any overdue interest, at the rate or rates prescribed therefor in such Securities, and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, including the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel.

If the Company fails to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, may institute a judicial proceeding for the collection of the sums so due and unpaid, may prosecute such proceeding to judgment or final decree and may enforce the same against the Company or, if applicable, the Guarantors or any other obligor upon such Securities and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or, if applicable, the Guarantors or any other obligor upon such Securities, wherever situated.

If an Event of Default with respect to Securities of any series occurs and is continuing, the Trustee may in its discretion proceed to protect and enforce its rights and the rights of the Holders of Securities of such series by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any such rights, whether for the specific enforcement of any covenant or agreement in this Indenture or in aid of the exercise of any power granted herein, or to enforce any other proper remedy.

Section 5.4. Trustee May File Proofs of Claim.

In case of the pendency of any receivership, insolvency, liquidation, bankruptcy, reorganization, arrangement, adjustment, composition or other judicial proceeding relative to the Company or, if applicable, any Guarantor or any other obligor upon the Securities, their property or their creditors, the Trustee (irrespective of whether the principal of the Securities shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand on the Company or, if applicable, the Guarantors for the payment of overdue principal or interest) shall be entitled and empowered, by intervention in such proceeding or otherwise,

(a) to file and prove a claim for the whole amount of principal (and premium, if any) and interest owing and unpaid in respect of the Securities and to file such other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and of the Holders allowed in such judicial proceeding, and

(b) to collect and receive any moneys or other property payable or deliverable on any such claims and to distribute the same;

and any custodian, receiver, assignee, trustee, liquidator, sequestrator or other similar official in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee and, if the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due it for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 6.7.

No provision of this Indenture shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, compromise, arrangement, adjustment or composition affecting the Securities or, if applicable, the Guarantee or the rights of any Holder thereof or to authorize the Trustee to vote in respect of the claim of any Holder in any such proceeding; *provided, however*, that the Trustee may, on behalf of the Holders, vote for the election of a trustee in bankruptcy or similar official and be a member of a creditors' or other similar committee.

Section 5.5. Trustee May Enforce Claims Without Possession of Securities.

All rights of action and claims under this Indenture or the Securities may be prosecuted and enforced by the Trustee without the possession of any of the Securities or the production thereof in any proceeding relating thereto, and any such proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for the payment of the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, be for the ratable benefit of the Holders of the Securities in respect of which such judgment has been recovered.

Section 5.6. Application of Money Collected.

Any money collected by the Trustee pursuant to this Article Five shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such money on account of principal or any premium or interest, upon presentation of the Securities and the notation thereon of the payment if only partially paid and upon surrender thereof if fully paid:

FIRST: To the payment of all amounts due the Trustee under Section 6.7;

SECOND: To the payment of the amounts then due and unpaid for principal of and any premium and interest on the Securities in respect of which or for the benefit of which such money has been collected, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal and any premium and interest, respectively; and

THIRD: The balance, if any, to the Company.

Section 5.7. Limitation on Suits.

No Holder of any Security of any series shall have any right to institute any proceeding, judicial or otherwise, with respect to this Indenture (including, if applicable, the Guarantee), or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless:

- (a) such Holder has previously given written notice to the Trustee of a continuing Event of Default with respect to the Securities of that series;
- (b) the Holders of not less than 25% in principal amount of the Outstanding Securities of that series shall have made written request to the Trustee to institute proceedings in respect of such Event of Default in its own name as Trustee hereunder;
- (c) such Holder or Holders have offered to the Trustee reasonable indemnity against the costs, expenses and liabilities to be incurred in compliance with such request;
- (d) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity has failed to institute any such proceeding; and
- (e) no direction inconsistent with such written request has been given to the Trustee during such 60-day period by the Holders of a majority in principal amount of the Outstanding Securities of that series;

it being understood and intended that no one or more of such Holders shall have any right in any manner whatever by virtue of, or by availing of, any provision of this Indenture to affect, disturb or prejudice the rights of any other of such Holders, or to obtain or to seek to obtain priority or preference over any other of such Holders or to enforce any right under this Indenture, except in the manner herein provided and for the equal and ratable benefit of all such Holders.

Section 5.8. Unconditional Right of Holders to Receive Principal, Premium and Interest.

Notwithstanding any other provision in this Indenture, the Holder of any Security shall have the right, which is absolute and unconditional, to receive payment of the principal of and any premium and (subject to Section 3.5 and Section 3.7) interest on such Security on the Stated Maturity or Maturities expressed in such Security (or, in the case of redemption, on the Redemption Date) and to institute suit for the enforcement of any such payment, and such rights shall not be impaired without the consent of such Holder.

Section 5.9. Restoration of Rights and Remedies.

If the Trustee or any Holder has instituted any proceeding to enforce any right or remedy under this Indenture and such proceeding has been discontinued or abandoned for any reason, or has been

determined adversely to the Trustee or to such Holder, then and in every such case, subject to any determination in such proceeding, the Company, the Guarantors, the Trustee and the Holders shall be restored severally and respectively to their former positions hereunder and thereafter all rights and remedies of the Trustee and the Holders shall continue as though no such proceeding had been instituted.

Section 5.10. Rights and Remedies Cumulative.

Except as otherwise provided with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities in the last paragraph of Section 3.6, no right or remedy herein conferred upon or reserved to the Trustee or to the Holders is intended to be exclusive of any other right or remedy, and every right and remedy shall, to the extent permitted by law, be cumulative and in addition to every other right and remedy given hereunder or now or hereafter existing at law or in equity or otherwise. The assertion or employment of any right or remedy hereunder, or otherwise, shall not prevent the concurrent assertion or employment of any other appropriate right or remedy.

Section 5.11. Delay or Omission Not Waiver.

To fullest extent permitted by applicable law, no delay or omission of the Trustee or of any Holder of any Securities to exercise any right or remedy accruing upon any Event of Default shall impair any such right or remedy or constitute a waiver of any such Event of Default or an acquiescence therein. Every right and remedy given by this Article Five or by law to the Trustee or to the Holders may be exercised from time to time, and as often as may be deemed expedient, by the Trustee or by the Holders, as the case may be.

Section 5.12. Control by Holders.

The Holders of not less than a majority in principal amount of the Outstanding Securities of any series shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee, with respect to the Securities of such series; *provided, however*, that:

- (a) such direction shall not be in conflict with any rule of law or with this Indenture;
- (b) the Trustee may take any other action deemed proper by the Trustee which is not inconsistent with such direction; and
- (c) subject to the provisions of Section 6.1, the Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall determine that the proceeding so directed would involve the Trustee in personal liability.

Section 5.13. Waiver of Past Defaults.

The Holders of not less than a majority in principal amount of the Outstanding Securities of any series may on behalf of the Holders of all the Securities of such series waive any past default hereunder with respect to such series and its consequences, except:

- (a) a continuing default in the payment of the principal of or any premium or interest on any Security of such series, or

(b) a default in respect of a covenant or provision hereof which under Article Nine cannot be modified or amended without the consent of the Holder of each Outstanding Security of such series affected.

Upon any such waiver, such default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured, for every purpose of this Indenture, but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

Section 5.14. Undertaking for Costs.

All parties to this Indenture agree, and each Holder of any Security by his acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken, suffered or omitted by it as Trustee, the filing by any party litigant, other than the Trustee, in such suit of an undertaking to pay the costs of such suit, and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section 5.14 shall not apply to any suit instituted by the Company, to any suit instituted by the Trustee, to any suit instituted by any Holder, or group of Holders, holding in the aggregate more than 10% in principal amount of the Outstanding Securities of any series, or to any suit instituted by any Holder for the enforcement of the payment of the principal of (or premium, if any) or interest on any Security on or after the Stated Maturity or Maturities expressed in such Security (or, in the case of redemption, on or after the Redemption Date).

Section 5.15. Waiver of Stay or Extension Laws.

Each of the Company and the Guarantors covenants (to the extent that it may lawfully do so) that it will not at any time insist upon, or plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay or extension law wherever enacted, now or at any time hereafter in force, which may affect the covenants or the performance of this Indenture; and each of the Company and the Guarantors (to the extent that it may lawfully do so) hereby expressly waives all benefit or advantage of any such law and covenants that it will not hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

ARTICLE SIX
THE TRUSTEE

Section 6.1. Certain Duties and Responsibilities.

(a) Except during the continuance of an Event of Default,

(i) the Trustee undertakes to perform such duties and only such duties as are specifically set forth in this Indenture and as are provided by the Trust Indenture Act, and, except for implied covenants or obligations under the Trust Indenture Act, no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on its part, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions which by any

provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine regardless of whether they conform to the requirements of this Indenture.

(b) In case an Event of Default has occurred and is continuing, the Trustee shall exercise such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

(c) No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that

(i) this Subsection shall not be construed to limit the effect of Subsection (a) of this Section;

(ii) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, unless it shall be proved that the Trustee was negligent in ascertaining the pertinent facts;

(iii) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the Holders of a majority in principal amount of the Outstanding Securities of any series, given pursuant to Section 5.12, relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee, under this Indenture with respect to the Securities of such series; and

(iv) no provision of this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder, or in the exercise of any of its rights or powers, if it shall have reasonable grounds for believing that repayment of such funds or adequate indemnity against such risk or liability is not reasonably assured to it.

(d) Regardless of whether therein expressly so provided, every provision of this Indenture relating to the conduct or affecting the liability of or affording protection to the Trustee shall be subject to the provisions of this Section.

Section 6.2. Notice of Defaults.

Within 90 days after the occurrence of any Default hereunder with respect to the Securities of any series, the Trustee shall transmit by mail to all Holders of Securities of such series, as their names and addresses appear in the Security Register, notice of such Default hereunder known to the Trustee, unless such Default shall have been cured or waived; *provided, however*, that, except in the case of a Default in the payment of the principal of or any premium or interest on any Security of such series or in the payment of any sinking fund installment with respect to Securities of such series, the Trustee shall be protected in withholding such notice if and so long as the board of directors, the executive committee or a trust committee of directors and/or Responsible Officers of the Trustee in good faith determine that the withholding of such notice is in the interest of the Holders of Securities of such series; and, *provided, further*, that in the case of any Default of the character specified in Section 5.1(c) with respect to Securities of such series, no such notice to Holders shall be given until at least 90 days after the occurrence thereof and that in the case of any Default of the character specified in Section 5.1(d) with respect to Securities of such series, no such notice to Holders shall be given until at least 180 days after the occurrence thereof.

Section 6.3. Certain Rights of Trustee.

Subject to the provisions of Section 6.1:

(a) the Trustee may conclusively rely and shall be fully protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) any request or direction of the Company or a Guarantor mentioned herein shall be sufficiently evidenced by a Company Request or Company Order (other than delivery of any Security to the Trustee for authentication and delivery pursuant to Section 3.3, which shall be sufficiently evidenced as provided therein) and any resolution of the Board of Directors may be sufficiently evidenced by a Board Resolution;

(c) whenever in the administration of this Indenture the Trustee shall deem it desirable that a matter be proved or established prior to taking, suffering or omitting any action hereunder, the Trustee (unless other evidence be herein specifically prescribed) shall be entitled to receive and may, in the absence of bad faith on its part, rely upon an Officer's Certificate;

(d) the Trustee may consult with counsel and the advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken, suffered or omitted by it hereunder in good faith and in reliance thereon;

(e) the Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders pursuant to this Indenture, unless such Holders shall have offered to the Trustee reasonable security or indemnity against the costs, expenses and liabilities which might be incurred by it in compliance with such request or direction;

(f) the Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit, and, if the Trustee shall determine to make such further inquiry or investigation, it shall be entitled to examine the books, records and premises of the Company, personally or by agent or attorney;

(g) the Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed with due care by it hereunder and shall not be responsible for the supervision of officers and employees of such agents or attorneys;

(h) the Trustee may request that the Company and, if applicable, the Guarantors deliver an Officer's Certificate setting forth the names of individuals and/or titles of officers authorized at such time to take specified actions pursuant to this Indenture, which Officer's

Certificate may be signed by any person authorized to sign an Officer's Certificate, including any person specified as so authorized in any such certificate previously delivered and not superseded; and

(i) the Trustee shall be entitled to the rights and protections afforded to the Trustee pursuant to this Article Six in acting as a Paying Agent or Security Registrar hereunder.

Section 6.4. Not Responsible for Recitals or Issuance of Securities.

The recitals contained herein and in the Securities, except the Trustee's certificates of authentication, shall be taken as the statements of the Company or, if applicable, the Guarantors, and the Trustee or any Authenticating Agent assumes no responsibility for their correctness. Neither the Trustee nor any Authenticating Agent makes any representations as to the validity or sufficiency of this Indenture or of the Securities. The Trustee or any Authenticating Agent shall not be accountable for the use or application by the Company of Securities or the proceeds thereof.

Section 6.5. May Hold Securities.

The Trustee, any Authenticating Agent, any Paying Agent, any Security Registrar or any other agent of the Company or, if applicable, any Guarantor, in its individual or any other capacity, may become the owner or pledgee of Securities and, subject to Sections 310(b) and 311 of the Trust Indenture Act and Section 6.8, Section 6.9 and Section 6.13, may otherwise deal with the Company or, if applicable, the Guarantors with the same rights it would have if it were not Trustee, Authenticating Agent, Paying Agent, Security Registrar or such other agent.

Section 6.6. Money Held in Trust.

Money held by the Trustee in trust hereunder need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any money received by it hereunder except as otherwise agreed in writing with the Company or, if applicable, one or more of the Guarantors.

Section 6.7. Compensation and Reimbursement.

The Company agrees:

(a) to pay to the Trustee from time to time reasonable compensation for all services rendered by it hereunder (which compensation shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust);

(b) except as otherwise expressly provided herein, to reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any provision of this Indenture (including the reasonable compensation and the expenses and disbursements of its agents and counsel), except any such expense, disbursement or advance as may be attributable to its negligence or bad faith; and

(c) to indemnify each of the Trustee and its officers, directors, agents and employees for, and to hold it harmless against, any loss, liability or expense incurred without negligence or willful misconduct on its part, arising out of or in connection with the acceptance or administration of the trust or trusts hereunder, including the costs and expenses of defending itself against any claim or liability in connection with the exercise or performance of any of its powers or duties hereunder.

As security for the performance of the obligations of the Company under this Section the Trustee shall have a lien prior to the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the payment of principal of (and premium, if any) or interest on particular Securities.

Without limiting any rights available to the Trustee under applicable law, when the Trustee incurs expenses or renders services in connection with an Event of Default specified in Section 5.1(e) or Section 5.1(f), the expenses (including the reasonable charges and expenses of its counsel) and the compensation for the services of the Trustee are intended to constitute expenses of administration under any applicable Bankruptcy Law.

The provisions of this Section 6.7 shall survive the satisfaction and discharge of this Indenture and the defeasance of the Securities.

Section 6.8. Disqualification; Conflicting Interests.

Reference is made to Section 310(b) of the Trust Indenture Act. There shall be excluded from the operation of Section 310(b)(1) of the Trust Indenture Act this Indenture with respect to the Securities of more than one series.

Section 6.9. Corporate Trustee Required; Eligibility.

There shall at all times be a Trustee hereunder which shall be a corporation organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus required by the Trust Indenture Act, subject to supervision or examination by Federal or State authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such corporation shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Trustee shall not be an obligor upon the Securities or an Affiliate thereof. If at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, it shall resign immediately in the manner and with the effect hereinafter specified in this Article Six.

Section 6.10. Resignation and Removal; Appointment of Successor.

(a) No resignation or removal of the Trustee and no appointment of a successor Trustee pursuant to this Article shall become effective until the acceptance of appointment by the successor Trustee in accordance with the applicable requirements of Section 6.11.

(b) The Trustee may resign at any time with respect to the Securities of one or more series by giving written notice thereof to the Company. If the instrument of acceptance by a successor Trustee required by Section 6.11 shall not have been delivered to the Trustee within 30 days after the giving of such notice of resignation, the resigning Trustee may petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(c) The Trustee may be removed at any time with respect to the Securities of any series by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series, delivered to the Trustee and to the Company.

(d) If at any time:

(i) the Trustee shall fail to comply with Section 310(b) of the Trust Indenture Act after written request therefor by the Company or by any Holder who has been a bona fide Holder of a Security for at least six months, or

(ii) the Trustee shall cease to be eligible under Section 6.9 and shall fail to resign after written request therefor by the Company or by any such Holder, or

(iii) the Trustee shall become incapable of acting or shall be adjudged a bankrupt or insolvent or a receiver of the Trustee or of its property shall be appointed or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation, then, in any such case, (A) the Company by a Board Resolution may remove the Trustee with respect to all Securities, or (B) subject to Section 5.14, any Holder who has been a bona fide Holder of a Security for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee with respect to all Securities and the appointment of a successor Trustee or Trustees.

(e) If the Trustee shall resign, be removed or become incapable of acting, or if a vacancy shall occur in the office of Trustee for any cause, with respect to the Securities of one or more series, the Company, by a Board Resolution, shall promptly appoint a successor Trustee or Trustees with respect to the Securities of that or those series (it being understood that any such successor Trustee may be appointed with respect to the Securities of one or more or all of such series and that at any time there shall be only one Trustee with respect to the Securities of any particular series) and shall comply with the applicable requirements of Section 6.11. If, within one year after such resignation, removal or incapability, or the occurrence of such vacancy, a successor Trustee with respect to the Securities of any series shall be appointed by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series delivered to the Company and the retiring Trustee, the successor Trustee so appointed shall, forthwith upon its acceptance of such appointment in accordance with the applicable requirements of Section 6.11, become the successor Trustee with respect to the Securities of such series and to that extent supersede the successor Trustee appointed by the Company. If no successor Trustee with respect to the Securities of any series shall have been so appointed by the Company or the Holders and accepted appointment in the manner required by Section 6.11, any Holder who has been a bona fide Holder of a Security of such series for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(f) The Company shall give notice of each resignation and each removal of the Trustee with respect to the Securities of any series and each appointment of a successor Trustee with respect to the Securities of any series to all Holders of Securities of such series in the manner provided in Section 1.7. Each notice shall include the name of the successor Trustee with respect to the Securities of such series and the address of its Corporate Trust Office.

Section 6.11. Acceptance of Appointment by Successor.

(a) In case of the appointment hereunder of a successor Trustee with respect to all Securities, every such successor Trustee so appointed shall execute, acknowledge and deliver to the Company, the Guarantors (if applicable) and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor Trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee; but, on the request of the Company or, if applicable, any Guarantor or the successor Trustee, such retiring Trustee shall, upon payment of its charges, execute and deliver an instrument transferring to such successor Trustee all the rights, powers and trusts of the retiring Trustee and shall duly assign, transfer and deliver to such successor Trustee all property and money held by such retiring Trustee hereunder.

(b) In case of the appointment hereunder of a successor Trustee with respect to the Securities of one or more (but not all) series, the Company, the Guarantors (if applicable), the retiring Trustee and each successor Trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor Trustee shall accept such appointment and which (i) shall contain such provisions as shall be necessary or desirable to transfer and confirm to, and to vest in, each successor Trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor Trustee relates, (ii) if the retiring Trustee is not retiring with respect to all Securities, shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (iii) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust and that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee; and upon the execution and delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein and each such successor Trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor Trustee relates; but, on request of the Company, any Guarantor (if applicable) or any successor Trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor Trustee all property and money held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor Trustee relates.

(c) Upon request of any such successor Trustee, the Company and, if applicable, the Guarantors shall execute any and all instruments for more fully and certainly vesting in and confirming to such successor Trustee all such rights, powers and trusts referred to in paragraph (a) or (b) of this Section, as the case may be.

(d) No successor Trustee shall accept its appointment unless at the time of such acceptance such successor Trustee shall be qualified and eligible under this Article and the Trust Indenture Act.

Section 6.12. Merger, Conversion, Consolidation or Succession to Business.

Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to all or substantially all the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided such corporation shall be otherwise qualified and eligible under this Article Six, without the execution or filing of any paper or any further act on the part of any of the parties hereto. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

Section 6.13. Preferential Collection of Claims Against Company.

Reference is made to Section 311 of the Trust Indenture Act. For purposes of Section 311(b) of the Trust Indenture Act,

(a) the term “cash transaction” means any transaction in which full payment for goods or securities sold is made within seven days after delivery of the goods or securities in currency or in checks or other orders drawn upon banks or bankers and payable upon demand;

(b) the term “self-liquidating paper” means any draft, bill of exchange, acceptance or obligation which is made, drawn, negotiated or incurred by the Company or, if applicable, any Guarantor for the purpose of financing the purchase, processing, manufacturing, shipment, storage or sale of goods, wares or merchandise and which is secured by documents evidencing title to, possession of, or a lien upon, the goods, wares or merchandise or the receivables or proceeds arising from the sale of the goods, wares or merchandise previously constituting the security, provided the security is received by the Trustee simultaneously with the creation of the creditor relationship with the Company or, if applicable, such Guarantor arising from the making, drawing, negotiating or incurring of the draft, bill of exchange, acceptance or obligation.

Section 6.14. Appointment of Authenticating Agent.

The Trustee may appoint an Authenticating Agent or Agents with respect to one or more series of Securities which shall be authorized to act on behalf of the Trustee to authenticate Securities of such series issued upon exchange, registration of transfer or partial redemption thereof or pursuant to Section 3.6, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. Wherever reference is made in this Indenture to the authentication and delivery of Securities by the Trustee or the Trustee’s certificate of authentication, such reference shall be deemed to include authentication and delivery on behalf of the Trustee by an Authenticating Agent and a certificate of authentication executed on behalf of the Trustee by an Authenticating Agent. Each Authenticating Agent shall be acceptable to the Company and shall at all times be a corporation organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, authorized under such laws to act as Authenticating Agent, having a combined capital and surplus of not less than \$100,000,000 and subject to supervision or examination by Federal or State authority. If such Authenticating Agent publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such Authenticating Agent shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. If at any time an Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, such Authenticating Agent shall resign immediately in the manner and with the effect specified in this Section.

Any corporation into which an Authenticating Agent may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which such Authenticating Agent shall be a party, or any corporation succeeding to all or substantially all of the corporate agency or corporate trust business of an Authenticating Agent, shall continue to be an Authenticating Agent, provided such corporation shall be otherwise eligible under this Section, without the execution or filing of any paper or any further act on the part of the Trustee or the Authenticating Agent.

An Authenticating Agent may resign at any time by giving written notice thereof to the Trustee and to the Company and, if applicable, the Guarantors. The Trustee may at any time terminate the agency of an Authenticating Agent by giving written notice thereof to such Authenticating Agent and to the Company and, if applicable, the Guarantors. Upon receiving such a notice of resignation or upon such a termination, or in case at any time such Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, the Trustee may appoint a successor Authenticating Agent which shall be acceptable to the Company and, if applicable, the Guarantors and shall mail written notice of such appointment by first-class mail, postage prepaid, to all Holders of Securities of the series with respect to which such Authenticating Agent will serve, as their names and addresses appear in the Security Register. Any successor Authenticating Agent upon acceptance of its appointment hereunder shall become vested with all the rights, powers and duties of its predecessor hereunder, with like effect as if originally named as an Authenticating Agent. No successor Authenticating Agent shall be appointed unless eligible under the provisions of this Section.

Except with respect to an Authenticating Agent appointed at the request of the Company or, if applicable, the Guarantors, the Trustee agrees to pay to each Authenticating Agent from time to time reasonable compensation for its services under this Section 6.14, and the Trustee shall be entitled to be reimbursed by the Company or, if applicable, the Guarantors for such payments, subject to the provisions of Section 6.7.

If an appointment with respect to one or more series is made pursuant to this Section 6.14, the Securities of such series may have endorsed thereon, in addition to the Trustee's certificate of authentication, an alternate certificate of authentication in the following form:

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

[_____],
As Trustee

By: _____
As Authenticating Agent

By: _____
Authorized Officer

ARTICLE SEVEN
HOLDERS' LISTS AND REPORTS BY TRUSTEE AND COMPANY

Section 7.1. Company to Furnish Trustee Names and Addresses of Holders.

The Company will furnish or cause to be furnished to the Trustee:

(a) semi-annually, not more than 15 days after each Regular Record Date for a series of Securities, a list for such series of Securities, in such form as the Trustee may reasonably require, of the names and addresses of the Holders of Securities of such series as of such Regular Record Date, and

(b) at such other times as the Trustee may request in writing, within 30 days after the receipt by the Company of any such request, a list of similar form and content as of a date not more than 15 days prior to the time such list is furnished; *provided, however*, that if and so long as the Trustee shall be the Security Registrar, no such list need be furnished with respect to such series of Securities.

Section 7.2. Preservation of Information; Communications to Holders.

(a) The Trustee shall preserve, in as current a form as is reasonably practicable, the names and addresses of Holders contained in the most recent list furnished to the Trustee as provided in Section 7.1 and the names and addresses of Holders received by the Trustee in its capacity as Security Registrar. The Trustee may destroy any list furnished to it as provided in Section 7.1 upon receipt of a new list so furnished.

(b) If three or more Holders (herein referred to as "applicants") apply in writing to the Trustee, and furnish to the Trustee reasonable proof that each such applicant has owned a Security for a period of at least six months preceding the date of such application, and such application states that the applicants desire to communicate with other Holders with respect to their rights under this Indenture or under the Securities and is accompanied by a copy of the form of proxy or other communication which such applicants propose to transmit, then the Trustee shall, within five business days after the receipt of such application, at its election, either

(i) afford such applicants access to the information preserved at the time by the Trustee in accordance with Section 7.2(a), or

(ii) inform such applicants as to the approximate number of Holders whose names and addresses appear in the information preserved at the time by the Trustee in accordance with Section 7.2(a), and as to the approximate cost of mailing to such Holders the form of proxy or other communication, if any, specified in such application.

If the Trustee shall elect not to afford such applicants access to such information, the Trustee shall, upon the written request of such applicants, mail to each Holder whose name and address appear in the information preserved at the time by the Trustee in accordance with Section 7.2(a) a copy of the form of proxy or other communication which is specified in such request, with reasonable promptness after a tender to the Trustee of the material to be mailed and of payment, or provision for the payment, of the reasonable expenses of mailing, unless within five days after such tender the Trustee shall mail to such applicants and file with the SEC, together with a copy of the material to be mailed, a written statement to the effect that, in the opinion of the Trustee, such mailing

would be contrary to the best interest of the Holders or would be in violation of applicable law. Such written statement shall specify the basis of such opinion. If the SEC, after opportunity for a hearing upon the objections specified in the written statement so filed, shall enter an order refusing to sustain any of such objections or if, after the entry of an order sustaining one or more of such objections, the SEC shall find, after notice and opportunity for hearing, that all the objections so sustained have been met and shall enter an order so declaring, the Trustee shall mail copies of such material to all such Holders with reasonable promptness after the entry of such order and the renewal of such tender; otherwise the Trustee shall be relieved of any obligation or duty to such applicants respecting their application.

(c) Every Holder of Securities, by receiving and holding the same, agrees with the Company, the Guarantors (if applicable) and the Trustee that none of the Company, the Guarantors (if applicable) nor the Trustee nor any agent of any of them shall be held accountable by reason of the disclosure of any such information as to the names and addresses of the Holders in accordance with Section 7.2(b), regardless of the source from which such information was derived, and that the Trustee shall not be held accountable by reason of mailing any material pursuant to a request made under Section 7.2(b).

Section 7.3. Reports by Trustee.

Any Trustee's report required pursuant to Section 313(a) of the Trust Indenture Act shall be dated as of May 15, and shall be transmitted within 60 days after May 15 of each year (but in all events at intervals of not more than 12 months), commencing with the year 2003, by mail to all Holders, as their names and addresses appear in the Security Register. A copy of each such report shall, at the time of such transmission to Holders, be filed by the Trustee with each stock exchange upon which any Securities are listed, with the SEC and with the Company. The Company will notify the Trustee when any Securities are listed on any stock exchange.

Section 7.4. Reports by Company.

The Company shall:

(a) file with the Trustee, within 15 days after the Company is required to file the same with the SEC, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the SEC may from time to time by rules and regulations prescribe) which the Company may be required to file with the SEC pursuant to Section 13 or Section 15(d) of the Exchange Act; or, if the Company is not required to file information, documents or reports pursuant to either of said Sections, then it shall file with the Trustee and the SEC, in accordance with rules and regulations prescribed from time to time by the SEC, such of the supplementary and periodic information, documents and reports which may be required pursuant to Section 13 of the Exchange Act in respect of a security listed and registered on a national securities exchange as may be prescribed from time to time in such rules and regulations;

(b) file with the Trustee and the SEC, in accordance with rules and regulations prescribed from time to time by the SEC, such additional information, documents and reports with respect to compliance by the Company with the conditions and covenants of this Indenture as may be required from time to time by such rules and regulations; and

(c) transmit by mail to all Holders, as their names and addresses appear in the Security Register, within 30 days after the filing thereof with the Trustee, such summaries of any information, documents and reports required to be filed by the Company pursuant to clauses (a) and (b) of this Section as may be required by rules and regulations prescribed from time to time by the SEC.

ARTICLE EIGHT
CONSOLIDATION, AMALGAMATION, MERGER AND SALE

Section 8.1. Company May Consolidate, Etc., Only on Certain Terms.

The Company shall not consolidate or merge with or into any other Person or sell, convey, transfer, lease or otherwise dispose of all or substantially all of the properties and assets of the Company and, if applicable, the Guarantors on a consolidated basis to any other Person unless:

(a) either: (i) the Company is the surviving corporation; or (ii) the Person formed by or surviving any such consolidation, amalgamation or merger or resulting from such conversion (if other than the Company) or to which such sale, assignment, transfer, conveyance or other disposition has been made is a corporation, limited liability company or limited partnership organized or existing under the laws of the United States, any state of the United States or the District of Columbia;

(b) the Person formed by or surviving any such conversion, consolidation, amalgamation or merger (if other than the Company) or the Person to which such sale, assignment, transfer, conveyance or other disposition has been made assumes all the obligations of the Company under the Securities and this Indenture pursuant to agreements reasonably satisfactory to the Trustee; *provided* that, unless such Person is a corporation, a corporate co-issuer of the Securities will be added to this Indenture by agreements reasonably satisfactory to the Trustee;

(c) immediately after giving effect to such transaction, no Event of Default, and no event which, after notice or lapse of time or both, would become an Event of Default, shall have occurred and be continuing; and

(d) the Company has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that such consolidation, amalgamation, merger, conveyance, sale, transfer or lease and such supplemental indenture, if any, comply with this Article Eight and that all conditions precedent herein provided for relating to such transaction have been complied with.

Section 8.2. Successor Substituted.

Upon any consolidation or merger of the Company with or into any other Person or any sale, conveyance, transfer, lease or other disposition of all or substantially all of the properties and assets of the Company and, if applicable, the Guarantors on a consolidated basis in accordance with Section 8.1, the successor or resulting Person formed by or resulting upon such consolidation or merger (if other than the Company) or to which such sale, conveyance, transfer, lease or other disposition is made shall succeed to, and be substituted for, and may exercise every right and power of, the Company under this Indenture with the same effect as if such successor Person had been named as the Company herein, and thereafter, except in the case of a lease, the predecessor Company and each of the Guarantors shall be relieved of all obligations and covenants under this Indenture and the Securities.

ARTICLE NINE
AMENDMENT, SUPPLEMENT AND WAIVER

Section 9.1. Without Consent of Holders.

The Company, the Guarantors and the Trustee may amend or supplement this indenture, the Guarantees or the Securities without the consent of any holder of a Security:

- (a) to cure any ambiguity or to correct or supplement any provision herein that may be inconsistent with any other provision herein; or
- (b) to evidence the succession of another Person to the Company and the assumption by any such successor of the covenants of the Company herein and, to the extent applicable, to the Securities; or
- (c) to provide for uncertificated Securities in addition to or in place of certificated Securities; *provided* that the uncertificated Securities are issued in registered form for purposes of Section 163(f) of the Code, or in the manner such that the uncertificated Securities are described in Section 163(f)(2)(B) of the Code; or
- (d) to add a Guarantee and cause any Person to become a Guarantor, and/or to evidence the succession of another Person to a Guarantor and the assumption by any such successor of the Guarantee of such Guarantor herein and, to the extent applicable, endorsed upon any Securities of any series; or
- (e) to secure the Securities of any series; or
- (f) to add to the covenants of the Company such further covenants, restrictions, conditions or provisions as the Company shall consider to be appropriate for the benefit of the Holders of all or any series of Securities (and if such covenants, restrictions, conditions or provisions are to be for the benefit of less than all series of Securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon the Company and to make the occurrence, or the occurrence and continuance, of a Default in any such additional covenants, restrictions, conditions or provisions an Event of Default permitting the enforcement of all or any of the several remedies provided in this Indenture as herein set forth; *provided*, that in respect of any such additional covenant, restriction, condition or provision such supplemental indenture may provide for a particular period of grace after default (which period may be shorter or longer than that allowed in the case of other defaults) or may provide for an immediate enforcement upon such an Event of Default or may limit the remedies available to the Trustee upon such an Event of Default or may limit the right of the Holders of a majority in aggregate principal amount of the Securities of such series to waive such an Event of Default; or
- (g) to make any change to any provision of this Indenture that does not adversely affect the rights or interests of any Holder of Securities; or
- (h) provide for the issuance of additional Securities in accordance with the provisions set forth in this Indenture on the date of this Indenture; or
- (i) to add any additional Defaults or Events of Default in respect of all or any series of Securities; or

(j) to add to, change or eliminate any of the provisions of this Indenture to such extent as shall be necessary to permit or facilitate the issuance of Securities in bearer form, registrable or not registrable as to principal, and with or without interest coupons; or

(k) to change or eliminate any of the provisions of this Indenture; *provided* that any such change or elimination shall become effective only when there is no Security Outstanding of any series created prior to the execution of such supplemental indenture that is entitled to the benefit of such provision; or

(l) to establish the form or terms of Securities of any series as permitted by Section 2.1 and Section 3.1, including to reopen any series of any Securities as permitted under Section 3.1; or

(m) to evidence and provide for the acceptance of appointment hereunder by a successor Trustee with respect to the Securities of one or more series and to add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, pursuant to the requirements of Section 6.11(b); or

(n) to conform the text of the indenture (and/or any supplemental indenture) or any debt securities issued thereunder to any provision of a description of such debt securities appearing in a prospectus or prospectus supplement or an offering memorandum or offering circular to the extent that such provision was intended to be a verbatim recreation of a provision of the indenture (and/or any supplemental indenture) or any debt securities issued thereunder; or

(o) to modify, eliminate or add to the provisions of this Indenture to such extent as shall be necessary to effect the qualification of this Indenture under the Trust Indenture Act or under any similar federal statute subsequently enacted, and to add to this Indenture such other provisions as may be expressly required under the Trust Indenture Act.

Upon the request of the Company accompanied by a resolution of its Board of Directors authorizing the execution of any such amended or supplemental indenture, the Trustee is hereby authorized to join with the Company and any Guarantor in the execution of any such supplemental indenture, to make any further appropriate agreements and stipulations that may be therein contained and to accept the conveyance, transfer, assignment, mortgage, charge or pledge of any property thereunder, but the Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Section 9.2. With Consent of Holders.

The Company and the Trustee may amend or supplement this Indenture, the Guarantees and the Securities with the consent of the Holders of a majority in aggregate principal amount of the Outstanding Securities of each series of Securities affected by such amendment or supplemental indenture, with each such series voting as a separate series (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for Securities) and, subject to Section 5.8 and Section 5.13 hereof, any existing Default or Event of Default or compliance with any provision of this Indenture, the Guarantees or the Securities may be waived with respect to each series of Securities with the consent of the Holders of a majority in principal amount of the Outstanding Securities of such series voting as a separate class (including consents obtained in connection with a purchase of, or tender offer or exchange offer for, Securities).

Upon the request of the Company accompanied by a resolution of its Board of Directors authorizing the execution of any such amended or supplemental indenture, and upon the filing with the Trustee of evidence satisfactory to the Trustee of the consent of the Holders of Securities as aforesaid, and upon receipt by the Trustee of the documents described in Section 6.3 hereof, the Trustee will join with the Company and the Guarantors in the execution of such amended or supplemental indenture unless such amended or supplemental indenture directly affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but will not be obligated to, enter into such amended or supplemental Indenture.

It is not necessary for the consent of the Holders of Securities under this Section 9.2 to approve the particular form of any proposed amendment or waiver, but it is sufficient if such consent approves the substance of the proposed amendment or waiver.

After an amendment, supplement or waiver under this Section 9.2 becomes effective, the Company will mail to the Holders of Securities affected thereby a notice briefly describing the amendment, supplement or waiver. Any failure of the Company to mail such notice, or any defect therein, will not, however, in any way impair or affect the validity of any such amended or supplemental indenture or waiver. Subject to Section 5.8 and Section 5.13 hereof, the application of or compliance with, either generally or in any particular instance, of any provision of this Indenture, the Securities or the Guarantees may be waived as to each series of Securities by the Holders of a majority in aggregate principal amount of the Outstanding Securities of such series. However, without the consent of each Holder affected, an amendment or waiver under this Section 9.2 may not (with respect to any Securities held by a non-consenting Holder):

(a) change the Stated Maturity of the principal of, or any installment of principal of or interest on, any Security, or reduce the principal amount thereof or the rate of interest thereon or any premium payable upon the redemption thereof, or reduce the amount of the principal of an Original Issue Discount Security that would be due and payable upon a declaration of acceleration of the Maturity thereof pursuant to Section 5.2, or change any Place of Payment where, or the coin or currency in which, any Security or any premium or the interest thereon is payable, or impair the right to institute suit for the enforcement of any such payment on or after the Stated Maturity thereof (or, in the case of redemption, on or after the Redemption Date), or

(b) reduce the percentage in principal amount of the Outstanding Securities of any series, the consent of whose Holders is required for any such supplemental indenture, or the consent of whose Holders is required for any waiver (of compliance with certain provisions of this Indenture or certain defaults hereunder and their consequences) provided for in this Indenture, or

(c) modify any of the provisions of this Section 9.2, Section 5.8, Section 5.13 or Section 10.6, except to increase any such percentage or to provide that certain other provisions of this Indenture cannot be modified or waived without the consent of the Holder of each Outstanding Security affected thereby, *provided, however*, that this clause (c) shall not be deemed to require the consent of any Holder with respect to changes in the references to "the Trustee" and concomitant changes in this Section, or the deletion of this proviso, in accordance with the requirements of Section 6.11(b) and Section 9.1(i); or

(d) waive a redemption payment with respect to any Security; *provided, however*, that any purchase or repurchase of Securities shall not be deemed a redemption of the Securities; or

(e) release any Guarantor from any of its obligations under its Guarantee or this Indenture, except in accordance with the terms of this Indenture (as supplemented by any supplemental indenture); or

(f) make any change in the foregoing amendment and waiver provisions.

A supplemental indenture that changes or eliminates any covenant or other provision of this Indenture that has expressly been included solely for the benefit of one or more particular series of Securities, or that modifies the rights of the Holders of Securities of such series with respect to such covenant or other provision, shall be deemed not to affect the rights under this Indenture of the Holders of Securities of any other series.

It shall not be necessary for any Act of Holders under this Section 9.2 to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such Act shall approve the substance thereof.

Section 9.3. Execution of Supplemental Indentures.

In executing, or accepting the additional trusts created by, any supplemental indenture permitted by this Article or the modifications thereby of the trusts created by this Indenture, the Trustee shall be entitled to receive, and (subject to Section 6.1) shall be fully protected in relying upon, an Opinion of Counsel stating that the execution of such supplemental indenture is authorized or permitted by this Indenture. The Trustee may, but shall not be obligated to, enter into any such supplemental indenture which affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Section 9.4. Effect of Supplemental Indentures.

Upon the execution of any supplemental indenture under this Article Nine, this Indenture shall be modified in accordance therewith, and such supplemental indenture shall form a part of this Indenture for all purposes; and every Holder of Securities theretofore or thereafter authenticated and delivered hereunder shall be bound thereby.

Section 9.5. Conformity with Trust Indenture Act.

Every supplemental indenture executed pursuant to this Article Nine shall conform to the requirements of the Trust Indenture Act as then in effect.

Section 9.6. Reference in Securities to Supplemental Indentures.

Securities of any series authenticated and delivered after the execution of any supplemental indenture pursuant to this Article Nine may, and shall if required by the Trustee, bear a notation in form approved by the Trustee as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of any series so modified as to conform, in the opinion of the Trustee and the Company, to any such supplemental indenture may be prepared and executed by the Company and authenticated and delivered by the Trustee in exchange for Outstanding Securities of such series.

ARTICLE TEN
COVENANTS

Section 10.1. Payment of Principal, Premium and Interest.

The Company covenants and agrees for the benefit of each series of Securities that it will duly and punctually pay the principal of and any premium and interest on the Securities of that series in accordance with the terms of the Securities and this Indenture.

Section 10.2. Maintenance of Office or Agency.

The Company will maintain an office or agency where Securities of that series may be presented or surrendered for payment, where Securities of that series may be surrendered for registration of transfer or exchange and where notices and demands to or upon the Company in respect of the Securities of that series and this Indenture may be served. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made or served at the Corporate Trust Office of the Trustee.

The Company may also from time to time designate one or more other offices or agencies where the Securities of one or more series may be presented or surrendered for any or all such purposes and may from time to time rescind such designations. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

Except as otherwise specified with respect to a series of Securities as contemplated by Section 3.1, the Company hereby initially designates as the Place of Payment for each series of Securities The City and State of New York, and initially appoints the Trustee at its Corporate Trust Office as the Company's office or agency for each such purpose in such city.

Section 10.3. Money for Securities Payments to Be Held in Trust.

If the Company shall at any time act as its own Paying Agent, with respect to any series of Securities, it will, on or before each due date of the principal of and any premium or interest on any of the Securities of that series, segregate and hold in trust for the benefit of the Persons entitled thereto a sum sufficient to pay the principal and any premium and interest so becoming due until such sums shall be paid to such Persons or otherwise disposed of as herein provided and will promptly notify the Trustee of its action or failure so to act.

Whenever the Company shall have one or more Paying Agents for any series of Securities, it will, prior to each due date of the principal of and any premium or interest on any Securities of that series, deposit with a Paying Agent a sum sufficient to pay the principal and any premium or interest so becoming due, such sum to be held in trust for the benefit of the Persons entitled to such principal, premium or interest, and (unless such Paying Agent is the Trustee) the Company will promptly notify the Trustee of its action or failure so to act. For purposes of this Section 10.3, should a due date for principal of and any premium or interest on, or sinking fund payment with respect to any series of Securities not be on a Business Day, such payment shall be due on the next Business Day without any interest for the period from the due date until such Business Day.

The Company will cause each Paying Agent for any series of Securities other than the Trustee to execute and deliver to the Trustee an instrument in which such Paying Agent shall agree with the Trustee, subject to the provisions of this Section, that such Paying Agent will:

- (a) hold all sums held by it for the payment of the principal of and any premium or interest on Securities of that series in trust for the benefit of the Persons entitled thereto until such sums shall be paid to such Persons or otherwise disposed of as herein provided;
- (b) give the Trustee notice of any Default by the Company (or any other obligor upon the Securities of that series) in the making of any payment of principal and any premium or interest on the Securities of that series; and
- (c) at any time during the continuance of any such Default, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such Paying Agent.

The Company and, if applicable, the Guarantors may at any time, for the purpose of obtaining the satisfaction and discharge of this Indenture or for any other purpose, pay, or by Company Order direct any Paying Agent to pay, to the Trustee all sums held in trust by the Company or such Paying Agent, such sums to be held by the Trustee upon the same trusts as those upon which such sums were held by the Company or such Paying Agent; and, upon such payment by any Paying Agent to the Trustee, such Paying Agent shall be released from all further liability with respect to such money.

Subject to any applicable escheat or abandoned property laws, any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of and any premium or interest on any Security of any series and remaining unclaimed for one year after such principal and any premium or interest has become due and payable shall be paid to the Company on Company Request, or (if then held by the Company) shall be discharged from such trust; and the Holder of such Security shall thereafter, as an unsecured general creditor, look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, shall thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in a newspaper published in the English language, customarily published on each Business Day and of general circulation in the Borough of Manhattan, The City of New York, notice that such money remains unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such publication, any unclaimed balance of such money then remaining will be repaid to the Company.

Section 10.4. Existence.

Subject to Article Eight, the Company and, if any Securities of a series to which Article Fourteen has been made applicable are Outstanding, each Guarantor will do or cause to be done all things necessary to preserve and keep in full force and effect its existence, rights (charter and statutory) and franchises; *provided, however*, that the Company and, if applicable, each Guarantor shall not be required to preserve any such right or franchise if the Board of Directors shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Company or such Guarantor, as the case may be.

Section 10.5. Statement by Officers as to Default.

Annually, within 150 days after the close of each fiscal year beginning with the first fiscal year during which one or more series of Securities are Outstanding, the Company and, if any Securities of a

series to which Article Fourteen has been made applicable are Outstanding, each Guarantor will deliver to the Trustee a brief certificate (which need not include the statements set forth in Section 1.3) from the principal executive officer, principal financial officer or principal accounting officer of the Company and, if applicable, such Guarantor as to his or her knowledge of the Company's or such Guarantor's, as the case may be, compliance (without regard to any period of grace or requirement of notice provided herein) with all conditions and covenants under the Indenture and, if the Company or such Guarantor, as the case may be, shall be in Default, specifying all such Defaults and the nature and status thereof of which such officer has knowledge.

Section 10.6. Additional Amounts.

If the Securities of a series provide for the payment of additional amounts (as provided in Section 3.1(o)), at least 10 days prior to the first Interest Payment Date with respect to that series of Securities and at least 10 days prior to each date of payment of principal of, premium, if any, or interest on the Securities of that series if there has been a change with respect to the matters set forth in the below-mentioned Officer's Certificate, the Company shall furnish to the Trustee and the principal Paying Agent, if other than the Trustee, an Officer's Certificate instructing the Trustee and such Paying Agent whether such payment of principal of, premium, if any, or interest on the Securities of that series shall be made to holders of the Securities of that series without withholding or deduction for or on account of any tax, assessment or other governmental charge described in the Securities of that series. If any such withholding or deduction shall be required, then such Officer's Certificate shall specify by country the amount, if any, required to be withheld or deducted on such payments to such holders and shall certify the fact that additional amounts will be payable and the amounts so payable to each holder, and the Company shall pay to the Trustee or such Paying Agent the additional amounts required to be paid by this Section. The Company covenants to indemnify the Trustee and any Paying Agent for, and to hold them harmless against, any loss, liability or expense reasonably incurred without negligence or bad faith on their part arising out of or in connection with actions taken or omitted by any of them in reliance on any Officer's Certificate furnished pursuant to this Section 10.6.

Whenever in this Indenture there is mentioned, in any context, the payment of the principal of or any premium, interest or any other amounts on, or in respect of, any Securities of any series, such mention shall be deemed to include mention of the payment of additional amounts provided by the terms of such series established hereby or pursuant hereto to the extent that, in such context, additional amounts are, were or would be payable in respect thereof pursuant to such terms, and express mention of the payment of additional amounts (if applicable) in any provision hereof shall not be construed as excluding the payment of additional amounts in those provisions hereof where such express mention is not made.

ARTICLE ELEVEN
REDEMPTION OF SECURITIES

Section 11.1. Applicability of Article.

Securities of any series which are redeemable before their Stated Maturity shall be redeemable in accordance with their terms and (except as otherwise specified as contemplated by Section 3.1 for Securities of any series) in accordance with this Article Eleven.

Section 11.2. Election to Redeem; Notice to Trustee.

The election of the Company to redeem any Securities shall be evidenced by a Board Resolution. In case of any redemption at the election of the Company of less than all the Securities of any series, the Company shall, at least 15 days prior to the last date for the giving of notice of such redemption (unless a

shorter notice shall be satisfactory to the Trustee), notify the Trustee of such Redemption Date and of the principal amount of Securities of such series to be redeemed and, if applicable, of the tenor of the Securities to be redeemed. In the case of any redemption of Securities (a) prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture or (b) pursuant to an election of the Company that is subject to a condition specified in the terms of the Securities of the series to be redeemed, the Company shall furnish the Trustee with an Officer's Certificate evidencing compliance with such restriction or condition.

Section 11.3. Selection by Trustee of Securities to Be Redeemed.

If less than all the Securities of any series are to be redeemed (unless all of the Securities of such series and of a specified tenor are to be redeemed), the particular Securities to be redeemed shall be selected not more than 45 days prior to the Redemption Date by the Trustee, from the Outstanding Securities of such series not previously called for redemption, by such method as the Trustee shall deem fair and appropriate and which may provide for the selection for redemption of portions (equal to the minimum authorized denomination for Securities of that series or any integral multiple thereof) of the principal amount of Securities of such series of a denomination larger than the minimum authorized denomination for Securities of that series.

The Trustee shall promptly notify the Company in writing of the Securities selected for redemption and, in the case of any Securities selected for partial redemption, the principal amount thereof to be redeemed. If the Securities of any series to be redeemed consist of Securities having different dates on which the principal is payable or different rates of interest, or different methods by which interest may be determined or have any other different tenor or terms, then the Company may, by written notice to the Trustee, direct that the Securities of such series to be redeemed shall be selected from among the groups of such Securities having specified tenor or terms and the Trustee shall thereafter select the particular Securities to be redeemed in the manner set forth in the preceding paragraph from among the group of such Securities so specified.

For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities shall relate, in the case of any Securities redeemed or to be redeemed only in part, to the portion of the principal amount of such Securities which has been or is to be redeemed.

Section 11.4. Notice of Redemption.

Notice of redemption shall be given by first-class mail, postage prepaid, mailed not less than 30 nor more than 60 days prior to the Redemption Date, to each Holder of Securities to be redeemed, at his address appearing in the Security Register.

All notices of redemption shall state:

- (a) the Redemption Date,
- (b) the Redemption Price, or if not then ascertainable, the manner of calculation thereof,
- (c) if less than all the Outstanding Securities of any series are to be redeemed, the identification (and, in the case of partial redemption, the principal amounts) of the particular Securities to be redeemed,

(d) that on the Redemption Date the Redemption Price will become due and payable upon each such Security to be redeemed and, if applicable, that interest thereon will cease to accrue on and after said date,

(e) the place or places where such Securities are to be surrendered for payment of the Redemption Price, and

(f) that the redemption is for a sinking fund, if such is the case.

Notice of redemption of Securities to be redeemed at the election of the Company shall be given by the Company or, at the Company's request, by the Trustee in the name and at the expense of the Company.

Section 11.5. Deposit of Redemption Price.

Prior to any Redemption Date, the Company shall deposit with the Trustee or with a Paying Agent (or, if the Company is acting as its own Paying Agent, segregate and hold in trust as provided in Section 10.3) an amount of money sufficient to pay the Redemption Price of, and (except if the Redemption Date shall be an Interest Payment Date) accrued interest on, all the Securities which are to be redeemed on that date.

Section 11.6. Securities Payable on Redemption Date.

Notice of redemption having been given as aforesaid, the Securities so to be redeemed shall, on the Redemption Date, become due and payable at the Redemption Price therein specified, and from and after such date (unless the Company shall default in the payment of the Redemption Price and accrued interest) such Securities shall cease to bear interest. Upon surrender of any such Security for redemption in accordance with said notice, such Security shall be paid by the Company at the Redemption Price, together with accrued interest to the Redemption Date; *provided, however*, that unless otherwise specified with respect to Securities of any series as contemplated in Section 3.1, installments of interest whose Stated Maturity is on or prior to the Redemption Date shall be payable to the Holders of such Securities, or one or more Predecessor Securities, registered as such at the close of business on the relevant Record Dates according to their terms and the provisions of Section 3.7.

If any Security called for redemption shall not be so paid upon surrender thereof for redemption, the principal (and premium, if any) shall, until paid, bear interest from the Redemption Date at the rate prescribed therefor in the Security.

Section 11.7. Securities Redeemed in Part.

Any Security which is to be redeemed only in part shall be surrendered at a Place of Payment therefor (with, if the Company or the Trustee so requires, due endorsement by, or a written instrument of transfer in form satisfactory to the Company and the Trustee duly executed by, the Holder thereof or his attorney duly authorized in writing), and the Company shall execute, and the Trustee shall authenticate and deliver to the Holder of such Security without service charge, a new Security or Securities of the same series and tenor, of any authorized denomination as requested by such Holder, in aggregate principal amount equal to and in exchange for the unredeemed portion of the principal of the Security so surrendered.

ARTICLE TWELVE
SINKING FUNDS

Section 12.1. Applicability of Article.

The provisions of this Article Twelve shall be applicable to any sinking fund for the retirement of Securities of a series except as otherwise specified as contemplated by Section 3.1 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is herein referred to as a “mandatory sinking fund payment”, and any payment in excess of such minimum amount provided for by the terms of Securities of any series is herein referred to as an “optional sinking fund payment.” If provided for by the terms of Securities of any series, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 12.2. Each sinking fund payment shall be applied to the redemption of Securities of any series as provided for by the terms of Securities of such series.

Section 12.2. Satisfaction of Sinking Fund Payments with Securities.

The Company (a) may deliver Outstanding Securities of a series (other than any previously called for redemption) and (b) may apply as a credit Securities of a series which have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any sinking fund payment with respect to the Securities of such series required to be made pursuant to the terms of such Securities as provided for by the terms of such series; *provided* that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the Redemption Price specified in such Securities for redemption through operation of the sinking fund and the amount of such sinking fund payment shall be reduced accordingly.

Section 12.3. Redemption of Securities for Sinking Fund.

Not less than 45 days prior to each sinking fund payment date for any series of Securities (unless a shorter period shall be satisfactory to the Trustee), the Company will deliver to the Trustee an Officer’s Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of that series, the portion thereof, if any, which is to be satisfied by payment of cash and the portion thereof, if any, which is to be satisfied by delivering and crediting Securities of that series pursuant to Section 12.2 and stating the basis for such credit and that such Securities have not been previously so credited, and will also deliver to the Trustee any Securities to be so delivered. Not less than 30 days before each such sinking fund payment date the Trustee shall select the Securities to be redeemed upon such sinking fund payment date in the manner specified in Section 11.3 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 11.4. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 11.6 and Section 11.7.

ARTICLE THIRTEEN
DEFEASANCE

Section 13.1. Option to Effect Legal Defeasance or Covenant Defeasance.

The Company may, at the option of its Board of Directors evidenced by a resolution set forth in an Officers' Certificate, and at any time, elect to have either Section 13.2 or Section 13.3 hereof be applied to all outstanding Securities upon compliance with the conditions set forth below in this Article Thirteen.

Section 13.2. Legal Defeasance and Discharge.

Upon the Company's exercise under Section 13.1 hereof of the option applicable to this Section 13.2, the Company and each of the Guarantors will, subject to the satisfaction of the conditions set forth in Section 13.4 hereof, be deemed to have been discharged from their obligations with respect to all outstanding Securities (including the Guarantees) on the date the conditions set forth below are satisfied (hereinafter, "Legal Defeasance"). For this purpose, Legal Defeasance means that the Company and the Guarantors will be deemed to have paid and discharged the entire Debt represented by the outstanding Securities (including the Guarantees), which will thereafter be deemed to be "outstanding" only for the purposes of Section 13.5 hereof and the other sections of this Indenture referred to in clauses (a) and (b) below, and to have satisfied all their other obligations under such Securities, the Guarantees and this Indenture (and the Trustee, on demand of and at the expense of the Company, shall execute proper instruments acknowledging the same), except for the following provisions which will survive until otherwise terminated or discharged hereunder:

- (a) the rights of Holders of Outstanding Securities to receive payments in respect of the principal of, or interest or premium, if any, on such Securities when such payments are due from the trust referred to in Section 13.4 hereof;
- (b) the Company's obligations with respect to such Securities under Section 3.4, Section 3.5, Section 3.6, Section 10.2 and Section 10.3 hereof;
- (c) the rights, powers, trusts, duties and immunities of the Trustee hereunder and the Company's and the Guarantors' obligations in connection therewith; and
- (d) this Article Thirteen.

Subject to compliance with this Article Thirteen, the Company may exercise its option under this Section 13.2 notwithstanding the prior exercise of its option under Section 13.3 hereof.

Section 13.3. Covenant Defeasance.

Upon the Company's exercise under Section 13.1 hereof of the option applicable to this Section 13.3, the Company and each of the Guarantors will, subject to the satisfaction of the conditions set forth in Section 13.4 hereof, be released from each of their obligations under the covenants contained in Section 7.4, Section 8.1 and Section 10.4 hereof as well as any Additional Defeasible Provisions (such release and termination hereinafter referred to as "*Covenant Defeasance*"), and the Securities will thereafter be deemed not "outstanding" for the purposes of any direction, waiver, consent or declaration or act of Holders (and the consequences of any thereof) in connection with such covenants, but will continue to be deemed "outstanding" for all other purposes hereunder (it being understood that such Securities will not be deemed outstanding for accounting purposes). For this purpose, Covenant

Defeasance means that, with respect to the outstanding Securities and Guarantees, the Company and the Guarantors may omit to comply with and will have no liability in respect of any term, condition or limitation set forth in any such covenant, whether directly or indirectly, by reason of any reference elsewhere herein to any such covenant or by reason of any reference in any such covenant to any other provision herein or in any other document and such omission to comply will not constitute a Default or an Event of Default under Section 5.1 hereof, but, except as specified above, the remainder of this Indenture and such Securities and Guarantees will be unaffected thereby. In addition, upon the Company's exercise under Section 13.1 hereof of the option applicable to this Section 13.3 hereof, subject to the satisfaction of the conditions set forth in Section 13.4 hereof, Section 5.1(c) and Section 5.1(d) hereof and will not constitute Events of Default.

Section 13.4. Conditions to Legal or Covenant Defeasance.

In order to exercise either Legal Defeasance or Covenant Defeasance under either Section 13.2 or Section 13.3 hereof:

(a) the Company must irrevocably deposit with the Trustee, in trust, for the benefit of the Holders of the Securities, cash in U.S. dollars, non-callable U.S. Government Obligations, or a combination of cash in U.S. dollars and non-callable U.S. Government Obligations, in such amounts as will be sufficient, in the opinion of a nationally recognized investment bank, appraisal firm, or firm of independent public accountants to pay the principal of, or interest and premium, if any, and interest on the Outstanding Securities on the stated date for payment thereof or on the applicable redemption date, as the case may be, and the Company must specify whether the Securities are being defeased to such stated date for payment or to a particular redemption date;

(b) in the case of an election under Section 13.2 hereof, the Company must deliver to the Trustee an Opinion of Counsel confirming that:

- (i) the Company has received from, or there has been published by, the Internal Revenue Service a ruling; or
- (ii) since the Issue Date, there has been a change in the applicable federal income tax law,

in either case to the effect that, and based thereon such Opinion of Counsel will confirm that, the Holders of the Outstanding Securities will not recognize income, gain or loss for federal income tax purposes as a result of such Legal Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Legal Defeasance had not occurred;

(c) in the case of an election under Section 13.4 hereof, the Company must deliver to the Trustee an Opinion of Counsel confirming that the Holders of the Outstanding Securities will not recognize income, gain or loss for federal income tax purposes as a result of such Covenant Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Covenant Defeasance had not occurred;

(d) no Default or Event of Default has occurred and is continuing on the date of such deposit (other than a Default or Event of Default resulting from the borrowing of funds to be applied to such deposit);

(e) the deposit will not result in a breach or violation of, or constitute a default under, any other instrument to which the Company or any Guarantor is a party or by which the Company or any Guarantor is bound;

(f) such Legal Defeasance or Covenant Defeasance will not result in a breach or violation of, or constitute a default under, any material agreement or instrument (other than this Indenture) to which the Company or any of its Subsidiaries is a party or by which the Company or any of its Subsidiaries is bound;

(g) the Company must deliver to the Trustee an Officers' Certificate stating that the deposit was not made by the Company with the intent of preferring the Holders of Securities over the other creditors of the Company with the intent of defeating, hindering, delaying or defrauding any other creditors of the Company or others;

(h) the Company must deliver to the Trustee an Officers' Certificate, stating that all conditions precedent set forth in clauses (a) through (g) of this Section 13.4 have been complied with; and

(i) the Company must deliver to the Trustee an Opinion of Counsel (which Opinion of Counsel may be subject to customary assumptions, qualifications and exclusions), stating that all conditions precedent set forth in clauses (b), (c) and (e) of this Section 13.4 have been complied with; *provided* that the Opinion of Counsel with respect to clause (e) of this Section 13.4 may be to the knowledge of such counsel.

Section 13.5. Deposited Money and U.S. Government Obligations to be Held in Trust, Other Miscellaneous Provisions.

Subject to Section 13.6 hereof, all money and non-callable U.S. Government Obligation (including the proceeds thereof) deposited with the Trustee (or other qualifying trustee, collectively for purposes of this Section 13.5, the "*Trustee*") pursuant to Section 13.4 hereof in respect of the Outstanding Securities will be held in trust and applied by the Trustee, in accordance with the provisions of such Securities and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as Paying Agent) as the Trustee may determine, to the Holders of such Securities of all sums due and to become due thereon in respect of principal, premium, if any, and interest, but such money need not be segregated from other funds except to the extent required by law.

The Company will pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the cash or non-callable U.S. Government Obligations deposited pursuant to Section 13.4 hereof or the principal and interest received in respect thereof other than any such tax, fee or other charge which by law is for the account of the Holders of the Outstanding Securities.

Notwithstanding anything in this Article Thirteen to the contrary, the Trustee will deliver or pay to the Company from time to time upon the request of the Company any money or non-callable U.S. Government Obligations held by it as provided in Section 13.4 hereof which, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee (which may be the opinion delivered under Section 13.4(a) hereof), are in excess of the amount thereof that would then be required to be deposited to effect an equivalent Legal Defeasance or Covenant Defeasance.

Section 13.6. Repayment.

Any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of, premium, if any, or interest on any Security and remaining unclaimed for two years after such principal, premium, if any, or interest has become due and payable shall be paid to the Company on its request or (if then held by the Company) will be discharged from such trust; and the Holder of such Security will thereafter be permitted to look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, will thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in the New York Times and The Wall Street Journal (national edition), notice that such money remains unclaimed and that, after a date specified therein, which will not be less than 30 days from the date of such notification or publication, any unclaimed balance of such money then remaining will be repaid to the Company.

Section 13.7. Reinstatement.

If the Trustee or Paying Agent is unable to apply any United States dollars or non-callable U.S. Government Obligations in accordance with Section 13.2 or Section 13.3 hereof, as the case may be, by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then the Company's and the Guarantors' obligations under this Indenture and the Securities and the Guarantees will be revived and reinstated as though no deposit had occurred pursuant to Section 13.2 or Section 13.3 hereof until such time as the Trustee or Paying Agent is permitted to apply all such money in accordance with Section 13.2 or Section 13.3 hereof, as the case may be; *provided, however*, that, if the Company makes any payment of principal of, premium, if any, or interest on any Note following the reinstatement of its obligations, the Company will be subrogated to the rights of the Holders of such Securities to receive such payment from the money held by the Trustee or Paying Agent.

ARTICLE FOURTEEN
GUARANTEE OF SECURITIES

Section 14.1. Guarantee.

(a) Subject to the other provisions of this Article Fourteen, each of the Guarantors hereby jointly and severally, guarantees to each Holder of a Security of each series to which this Article Fourteen has been made applicable as provided in Section 3.1(t) (the Securities of such series being referred to herein as the "Guaranteed Securities") (which Security has been authenticated and delivered by the Trustee), and to the Trustee and its successors and assigns, irrespective of the validity and enforceability of this Indenture, the Guaranteed Securities, the obligations of the Company hereunder or thereunder, that:

(i) the principal of, premium, if any, and interest on the Guaranteed Securities will be promptly paid in full when due, whether at maturity, by acceleration, redemption or otherwise, and interest on the overdue principal of and interest on the Guaranteed Securities, if any, if lawful, and all other obligations of the Company to the Holders of Guaranteed Securities, or the Trustee hereunder or thereunder will be promptly paid in full or performed, all in accordance with the terms hereof and thereof; and

(ii) in case of any extension of time of payment or renewal of any Guaranteed Securities or any of such other obligations, that same will be promptly paid in full when due or performed in accordance with the terms of the extension or renewal, whether at stated maturity, by acceleration or otherwise.

Failing payment when due of any amount so guaranteed or any performance so guaranteed for whatever reason, the Guarantors will be jointly and severally obligated to pay the same immediately. Each Guarantor agrees that this is a guarantee of payment and not a guarantee of collection.

(b) To the extent permissible under applicable law, the obligations of the Guarantors under this Guarantee are unconditional, irrespective of the validity, regularity or enforceability of the Guaranteed Securities or this Indenture, the absence of any action to enforce the same, any waiver or consent by any Holder of the Guaranteed Securities with respect to any provisions hereof or thereof, the recovery of any judgment against the Company, any action to enforce the same or any other circumstance which might otherwise constitute a legal or equitable discharge or defense of a guarantor. To the extent permitted by applicable law, each Guarantor hereby waives diligence, presentment, demand of payment, filing of claims with a court in the event of insolvency or bankruptcy of the Company, any right to require a proceeding first against the Company, protest, notice and all demands whatsoever and covenant that this Guarantee will not be discharged except by complete performance of the obligations contained in the Guaranteed Securities and this Indenture.

(c) If any Holder or the Trustee is required by any court or otherwise to return to the Company, the Guarantors or any custodian, trustee, liquidator or other similar official acting in relation to either the Company or the Guarantors, any amount paid by either to the Trustee or such Holder, this Guarantee, to the extent theretofore discharged, will be reinstated in full force and effect.

(d) Each Guarantor agrees that it will not be entitled to any right of subrogation in relation to the Holders in respect of any obligations guaranteed hereby until payment in full of all obligations guaranteed hereby. Each Guarantor further agrees that, to the extent permitted by applicable law, as between the Guarantors, on the one hand, and the Holders of Guaranteed Securities and the Trustee, on the other hand, (1) the maturity of the obligations guaranteed hereby may be accelerated as provided in Article Five hereof for the purposes of this Guarantee, notwithstanding any stay, injunction or other prohibition preventing such acceleration in respect of the obligations guaranteed hereby, and (2) in the event of any declaration of acceleration of such obligations as provided in Article Five hereof, such obligations (regardless of whether due and payable) will forthwith become due and payable by the Guarantors for the purpose of this Guarantee. The Guarantors will have the right to seek contribution from any non-paying Guarantor so long as the exercise of such right does not impair the rights of the Holders under the Guarantee.

Section 14.2. Limitation on Guarantor Liability.

Each Guarantor, and by its acceptance of Guaranteed Securities, each Holder thereof, hereby confirms that it is the intention of all such parties that the Guarantee of such Guarantor not constitute a fraudulent transfer or conveyance for purposes of Bankruptcy Law, the Uniform Fraudulent Conveyance Act, the Uniform Fraudulent Transfer Act or any similar federal or state law to the extent applicable to any Guarantee. To effectuate the foregoing intention, the Trustee, to the extent permitted under applicable law, the Holders and each Guarantor hereby irrevocably agree that the obligations of such Guarantor will be limited to the maximum amount that will, after giving effect to such maximum amount

and all other contingent and fixed liabilities of such Guarantor that are relevant under such laws, and after giving effect to any collections from, rights to receive contribution from or payments made by or on behalf of any other Guarantor in respect of the obligations of such other Guarantor under this Article Fourteen, result in the obligations of such Guarantor under its Guarantee not constituting a fraudulent transfer or conveyance.

Section 14.3. Execution and Delivery of Guarantee Notation.

To evidence its Guarantee set forth in Section 14.1 hereof, each Guarantor hereby agrees that a notation of such Guarantee substantially in the form set forth in Section 2.3 or established pursuant to a Board Resolution or in a supplemental indenture, in accordance with the provisions of Section 2.1, will be endorsed by an officer of such Guarantor on each Guaranteed Security authenticated and delivered by the Trustee and that this Indenture will be executed on behalf of such Guarantor by one of its officers.

Each Guarantor hereby agrees that its Guarantee set forth in Section 14.1 hereof will remain in full force and effect notwithstanding any failure to endorse on each Guaranteed Security a notation of such Guarantee.

If an officer whose signature is on this Indenture or on the Guarantee no longer holds that office at the time the Trustee authenticates the Guaranteed Security on which a Guarantee is endorsed, the Guarantee will be valid nevertheless.

The delivery of any Guaranteed Security by the Trustee, after the authentication thereof hereunder, will constitute due delivery of the Guarantee of such Guaranteed Security set forth in this Indenture on behalf of the Guarantors.

* * *

This instrument may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, and their respective corporate seals to be hereunto affixed and attested, all as of the day and year first above written.

ACTIVE POWER, INC.

By: _____
Name: _____
Title: _____

ACTIVE POWER, INC.

AND

[_____]

Trustee

INDENTURE

DATED AS OF _____, 2006

SUBORDINATED DEBT SECURITIES

ACTIVE POWER, INC.
RECONCILIATION AND TIE BETWEEN TRUST INDENTURE ACT OF 1939, AS AMENDED,
AND INDENTURE, DATED AS OF _____, 2006

<u>TRUST INDENTURE ACT SECTION</u>	<u>INDENTURE SECTION</u>
Section 310(a)(1)	6.9
(a)(2)	6.9
(a)(3)	Not Applicable
(a)(4)	Not Applicable
(a)(5)	6.9
(b)	6.8
Section 311	6.13
Section 312(a)	7.1, 7.2(a)
(b)	7.2(b)
(c)	7.2(c)
Section 313(a)	7.3
(b)	*
(c)	*
(d)	7.3
Section 314(a)	7.4
(a)(4)	10.5
(b)	Not Applicable
(c)(1)	1.3
(c)(2)	1.3
(c)(3)	Not Applicable
(d)	Not Applicable
(e)	1.3
Section 315(a)	6.1(a)
(b)	6.2
(c)	6.1(b)
(d)	6.1(c)
(d)(1)	6.1(a)(1)
(d)(2)	6.1(c)(2)
(d)(3)	6.1(c)(3)
(e)	5.14
Section 316(a)	1.1, 1.2
(a)(1)(A)	5.2, 5.12
(a)(1)(B)	5.13
(a)(2)	Not Applicable
(b)	5.8
(c)	1.5(f)

Section 317(a)(1)	5.3
(a)(2)	5.4
(b)	10.3
Section 318(a)	1.8

NOTE: This reconciliation and tie shall not, for any purpose, be deemed to be a part of the Indenture.

* Deemed included pursuant to Section 318(c) of the Trust Indenture Act

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NOTE: This table of contents shall not, for any purpose, be deemed to be a part of the Indenture.

PARTIES

INDENTURE, dated as of [_____] [___], 2006, among ACTIVE POWER, INC., a corporation duly organized and existing under the laws of the State of Delaware (herein called the "Company"), the GUARANTORS (as defined hereinafter) and [_____] a [_____] as Trustee (the "Trustee").

RECITALS OF THE COMPANY:

The Company has duly authorized the execution and delivery of this Indenture to provide for the issuance from time to time of its unsecured subordinated debentures, notes or other evidences of indebtedness (herein called the "Securities"), which may but are not required to be guaranteed by the Guarantor, to be issued in one or more series as provided in this Indenture.

All things necessary to make this Indenture a valid agreement of the Company and of the Guarantors, in accordance with its terms, have been done.

This Indenture is subject to the provisions of the Trust Indenture Act that are required to be a part of this Indenture and, to the extent applicable, shall be governed by such provisions.

NOW, THEREFORE, THIS INDENTURE WITNESSETH:

For and in consideration of the premises and the purchase of the Securities by the Holders thereof, it is mutually covenanted and agreed, for the equal and proportionate benefit of all Holders of the Securities or of series thereof, as follows:

ARTICLE ONE

DEFINITIONS AND OTHER PROVISIONS OF GENERAL APPLICATION

Section 1.1. Definitions.

For all purposes of this Indenture, except as otherwise expressly provided or unless the context otherwise requires:

- (a) the terms defined in this Article have the meanings assigned to them in this Article and include the plural as well as the singular;
- (b) all terms used in this Indenture that are defined in the Trust Indenture Act, defined by a Trust Indenture Act reference to another statute or defined by an SEC rule under the Trust Indenture Act have the meanings so assigned to them;
- (c) all accounting terms not otherwise defined herein have the meanings assigned to them in accordance with GAAP;
- (d) the words "herein", "hereof" and "hereunder" and other words of similar import refer to this Indenture as a whole and not to any particular Article, Section or other subdivision;
- (e) the words "Article" and "Section" refer to an Article and Section, respectively, of this Indenture; and
- (f) the word "includes" and its derivatives means "includes, but is not limited to" and corresponding derivative definitions.

Certain terms, used principally in Article Six, are defined in that Article.

“Act”, when used with respect to any Holder, has the meaning specified in Section 1.5.

“Additional Defeasible Provision” means a covenant or other provision contained that is (a) made part of this Indenture pursuant to a supplemental indenture hereto, a Board Resolution or an Officer’s Certificate delivered pursuant to Section 3.1, and (b) pursuant to the terms set forth in such supplemental indenture, Board Resolution or Officer’s Certificate, made subject to the provisions of Article Thirteen.

“Affiliate” of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For purposes of this definition, “control,” as used with respect to any Person, means the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of such Person, whether through the ownership of voting securities, by agreement or otherwise. For purposes of this definition, the terms “controlling,” “controlled by” and “under common control with” have correlative meanings.

“Authenticating Agent” means any Person authorized by the Trustee to act on behalf of the Trustee to authenticate Securities.

“Banking Day” means, in respect of any city, any date on which commercial banks are open for business in that city.

“Bankruptcy Law” means any applicable Federal or State bankruptcy, insolvency, reorganization or other similar law.

“Board of Directors” means either the board of directors of the Company or of a Guarantor, as applicable, or any duly authorized committee of that board to which the powers of that board have been lawfully delegated.

“Board Resolution” means a copy of a resolution certified by the Secretary or an Assistant Secretary of the Company, the principal financial officer of the Company or a Guarantor, any other authorized officer of the Company or a Guarantor, or a person duly authorized by any of them, in each case as applicable, to have been duly adopted by the Board of Directors and to be in full force and effect on the date of such certification, and delivered to the Trustee. Where any provision of this Indenture refers to action to be taken pursuant to a Board Resolution (including the establishment of any series of the Securities and the forms and terms thereof), such action may be taken by any committee, officer or employee of the Company or a Guarantor, as applicable, authorized to take such action by the Board of Directors as evidenced by a Board Resolution.

“Business Day”, when used with respect to any Place of Payment or other location, means, except as otherwise provided as contemplated by Section 3.1 with respect to any series of Securities, each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in that Place of Payment or other location are authorized or obligated by law, executive order or regulation to close.

“CINS” means CUSIP International Numbering System.

“Code” means the United States Internal Revenue Code of 1986, as amended.

“Company” means the Person named as the “Company” in the first paragraph of this instrument until a successor or resulting corporation shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Company” shall mean such successor or resulting corporation.

“Company Request” or “Company Order” means, in the case of the Company, a written request or order signed in the name of the Company by its Chairman of the Board, its Chief Executive Officer, its President, any of its Vice Presidents or any other duly authorized officer of the Company or any person duly authorized by any of them, and delivered to the Trustee and, in the case of a Guarantor, a written request or order signed in the name of such Guarantor by its Chairman of the Board, its Chief Executive Officer, its President, any of its Vice Presidents or any other duly authorized officer of such Guarantor or any person duly authorized by any of them, and delivered to the Trustee.

“Corporate Trust Office” means the office of the Trustee at which at any particular time its corporate trust business shall be principally administered and which, at the date hereof, is located at [_____].

“corporation” includes corporations, companies, associations, partnerships, limited partnerships, limited liability companies, joint-stock companies and trusts.

“covenant defeasance” has the meaning specified in Section 13.3.

“CUSIP” means the Committee on Uniform Securities Identification Procedures.

“Custodian” means any receiver, trustee, assignee, liquidator or similar official under any Bankruptcy Law.

“Debt” means any obligation created or assumed by any Person for the repayment of money borrowed and any purchase money obligation created or assumed by such Person and any guarantee of the foregoing.

“Default” means, with respect to a series of Securities, any event that is, or after notice or lapse of time or both would be, an Event of Default.

“Defaulted Interest” has the meaning specified in Section 3.7.

“defeasance” has the meaning specified in Section 13.2.

“Definitive Security” means a security other than a Global Security or a temporary Security.

“Depository” means, with respect to the Securities of any series issuable or issued in whole or in part in the form of one or more Global Securities, a clearing agency registered under the Exchange Act that is designated to act as Depository for such Securities as contemplated by Section 3.1, until a successor Depository shall have become such pursuant to the applicable provisions of this Indenture, and thereafter shall mean or include each Person which is a Depository hereunder, and if at any time there is more than one such Person, shall be a collective reference to such Persons.

“Designated Guarantor Senior Debt” shall have the meaning given to such term in any Board Resolution or indenture supplemental hereto.

“Designated Senior Debt” shall have the meaning given to such term in any Board Resolution or indenture supplemental hereto.

“Dollar” or “\$” means the coin or currency of the United States of America, which at the time of payment is legal tender for the payment of public and private debts.

“Event of Default” has the meaning specified in Section 5.1.

“Exchange Act” means the Securities Exchange Act of 1934, as amended.

“Foreign Currency” means a currency used by the government of a country other than the United States of America.

“GAAP” means generally accepted accounting principles in the United States of America as in effect from time to time, including those set forth in the opinions and pronouncements of the Accounting Principles Board of the American Institute of Certified Public Accountants and statements and pronouncements of the Financial Accounting Standards Board or in such other statements by such other entity as approved by a significant segment of the accounting profession. All ratios and computations based on GAAP contained in the indenture will be computed in conformity with GAAP.

“Global Security” means a Security in global form that evidences all or part of a series of Securities and is authenticated and delivered to, and registered in the name of, the Depository for the Securities of such series or its nominee.

“Guarantee” means each guarantee of the obligations of the Company under this Indenture and the Securities by a Guarantor in accordance with the provisions hereof.

“Guarantor” means each Person that becomes a guarantor of any Securities pursuant to the applicable provisions of this Indenture.

“Guarantor Senior Debt” means, unless otherwise provided with respect to the Securities of a series as contemplated by Section 3.1, (a) all Debt of a Guarantor, whether currently outstanding or hereafter issued, unless, by the terms of the instrument creating or evidencing such Debt, it is *provided* that such Debt is not superior in right of payment to the Guarantee or to other Debt which is *pari passu* with or subordinated to the Guarantee, and (b) any modifications, refunding, deferrals, renewals or extensions of any such Debt or securities, notes or other evidence of Debt issued in exchange for such Debt; *provided* that in no event shall “Guarantor Senior Debt” include (i) Debt of a Guarantor owed or owing to any Subsidiary of such Guarantor or any officer, director or employee of such Guarantor or any Subsidiary of such Guarantor, (ii) Debt to trade creditors or (iii) any liability for taxes owed or owing by a Guarantor.

“Holder” means a Person in whose name a Security is registered in the Security Register.

“Indenture” means this instrument as originally executed or as it may from time to time be supplemented or amended by one or more indentures supplemental hereto entered into pursuant to the applicable provisions hereof, including, for all purposes of this instrument, and any such supplemental indenture, the provisions of the Trust Indenture Act that are deemed to be part of and govern this instrument and any such supplemental indenture, respectively. The term “Indenture” also shall include the terms of particular series of Securities established as contemplated by Section 3.1.

“interest”, when used with respect to an Original Issue Discount Security which by its terms bears interest only after Maturity, means interest payable after Maturity.

“Interest Payment Date”, when used with respect to any Security, means the Stated Maturity of an installment of interest on such Security.

“Judgment Currency” has the meaning specified in Section 1.16.

“mandatory sinking fund payment” has the meaning specified in Section 12.1.

“Maturity”, when used with respect to any Security, means the date on which the principal of such Security or an installment of principal becomes due and payable as therein or herein provided, whether at the Stated Maturity or by declaration of acceleration, call for redemption or otherwise.

“Notice of Default” means a written notice of the kind specified in Section 5.1(c) or Section 5.1(d).

“Officer’s Certificate” means, in the case of the Company, a certificate signed by the Chairman of the Board, the Chief Executive Officer, the President, any Vice President or any other duly authorized officer of the Company, or a person duly authorized by any of them, and delivered to the Trustee and, in the case of a Guarantor, a certificate signed by the Chairman of the Board, the Chief Executive Officer, the President, any Vice President or any other duly authorized officer of such Guarantor, or a person duly authorized by any of them, and delivered to the Trustee.

“Opinion of Counsel” means a written opinion of counsel, who may be an employee of or counsel for the Company or a Guarantor, as the case may be, and who shall be reasonably acceptable to the Trustee.

“optional sinking fund payment” has the meaning specified in Section 12.1.

“Original Issue Discount Security” means any Security which provides for an amount less than the principal amount thereof to be due and payable upon a declaration of acceleration of the Maturity thereof pursuant to Section 5.2.

“Outstanding”, when used with respect to Securities, means, as of the date of determination, all Securities theretofore authenticated and delivered under this Indenture, except:

(a) Securities theretofore canceled by the Trustee or delivered to the Trustee for cancellation;

(b) Securities for whose payment or redemption money in the necessary amount has been theretofore deposited with the Trustee or any Paying Agent (other than the Company) in trust or set aside and segregated in trust by the Company (if the Company shall act as its own Paying Agent) for the Holders of such Securities; *provided, however*, that, if such Securities are to be redeemed, notice of such redemption has been duly given pursuant to this Indenture or provision therefor satisfactory to the Trustee has been made;

(c) Securities which have been paid pursuant to Section 3.6 or in exchange for or in lieu of which other Securities have been authenticated and delivered pursuant to this Indenture, other than any such Securities in respect of which there shall have been presented to the Trustee proof satisfactory to it that such Securities are held by a bona fide purchaser in whose hands such Securities are valid obligations of the Company; and

(d) Securities, except to the extent provided in Section 13.2 and Section 13.3, with respect to which the Company has effected defeasance or covenant defeasance as provided in Article Thirteen, which defeasance or covenant defeasance then continues in effect;

provided, however, that in determining whether the Holders of the requisite principal amount of the Outstanding Securities have given any request, demand, authorization, direction, notice, consent or waiver hereunder, (i) the principal amount of an Original Issue Discount Security that shall be deemed to be Outstanding shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon acceleration of the Maturity thereof on such date pursuant to Section 5.2, (ii) the principal amount of a Security denominated in one or more currencies or currency units other than U.S. dollars shall be the U.S. dollar equivalent of such currencies or currency units, determined in the manner provided as contemplated by Section 3.1 on the date of original issuance of such Security or by Section 1.15, if not otherwise so provided pursuant to Section 3.1, of the principal amount (or, in the case of an Original Issue Discount Security, the U.S. dollar equivalent (as so determined) on the date of original issuance of such Security of the amount determined as provided in clause (i) above) of such Security, and (iii) Securities owned by the Company, any Guarantor or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor shall be disregarded and deemed not to be Outstanding, except that, in determining whether the Trustee shall be protected in relying upon any such request, demand, authorization, direction, notice, consent or waiver, only Securities which the Trustee knows to be so owned shall be so disregarded. Securities so owned as described in clause (iii) of the immediately preceding sentence which have been pledged in good faith may be regarded as Outstanding if the pledgee establishes to the satisfaction of the Trustee the pledgee's right to act with respect to such Securities and that the pledgee is not the Company, a Guarantor or any other obligor upon the Securities or any Affiliate of the Company or of such other obligor.

"Paying Agent" means any Person authorized by the Company to pay the principal of and any premium or interest on any Securities on behalf of the Company.

"Periodic Offering" means an offering of Securities of a series from time to time, the specific terms of which Securities, including, without limitation, the rate or rates of interest or formula for determining the rate or rates of interest thereon, if any, the Stated Maturity or Stated Maturities thereof, the original issue date or dates thereof, the redemption provisions, if any, with respect thereto, and any other terms specified as contemplated by Section 3.1 with respect thereto, are to be determined by the Company upon the issuance of such Securities.

"Person" means any individual, corporation, company, limited liability company, partnership, limited partnership, joint venture, association, joint-stock company, trust, other entity, unincorporated organization or government or any agency or political subdivision thereof.

"Place of Payment", when used with respect to the Securities of any series, means, unless otherwise specifically provided for with respect to such series as contemplated by Section 3.1, the office or agency of the Company in the City of New York and such other place or places where, subject to the provisions of Section 10.2, the principal of and any premium and interest on the Securities of that series are payable as contemplated by Section 3.1.

"Predecessor Security" of any particular Security means every previous Security evidencing all or a portion of the same debt as that evidenced by such particular Security; and, for the purposes of this definition, any Security authenticated and delivered under Section 3.6 in exchange for or in lieu of a mutilated, destroyed, lost or stolen Security shall be deemed to evidence the same debt as the mutilated, destroyed, lost or stolen Security.

“Redemption Date”, when used with respect to any Security to be redeemed, means the date fixed for such redemption by or pursuant to this Indenture.

“Redemption Price”, when used with respect to any Security to be redeemed, means the price at which it is to be redeemed pursuant to this Indenture.

“Regular Record Date” for the interest payable on any Interest Payment Date on the Securities of any series means the date specified for that purpose as contemplated by Section 3.1.

“Required Currency” has the meaning specified in Section 1.16.

“Responsible Officer” when used with respect to the Trustee, means any officer within the Corporate Trust Administration of the Trustee (or any successor group of the Trustee) or any other officer of the Trustee customarily performing functions similar to those performed by any of the above designated officers and also means, with respect to a particular corporate trust matter, any other officer to whom such matter is referred because of his knowledge of and familiarity with the particular subject.

“SEC” means the Securities and Exchange Commission, as from time to time constituted, created under the Exchange Act, or, if at any time after the execution of this instrument such commission is not existing and performing the duties now assigned to it under the Trust Indenture Act, then the body performing such duties at such time.

“Securities” has the meaning stated in the first recital of this Indenture and more particularly means any Securities authenticated and delivered under this Indenture.

“Security Register” and “Security Registrar” have the respective meanings specified in Section 3.5.

“Senior Debt” means (a) all Debt of the Company, whether currently outstanding or hereafter issued, unless, by the terms of the instrument creating or evidencing such Debt, it is *provided* that such Debt is not superior in right of payment to the Securities, and (b) any modifications, refunding, deferrals, renewals or extensions of any such Debt or securities, notes or other evidence of Debt issued in exchange for such Debt; *provided* that in no event shall “Senior Debt” include (i) Debt of the Company owed or owing to any Subsidiary of the Company or any officer, director or employee of the Company or any Subsidiary of the Company, (ii) Debt to trade creditors or (iii) any liability for taxes owned or owing by the Company.

“Special Record Date” for the payment of any Defaulted Interest means a date fixed by the Trustee pursuant to Section 3.7.

“Stated Maturity”, when used with respect to any Security or any installment of principal thereof or interest thereon, means the date specified in such Security as the fixed date on which the principal of such Security or such installment of principal or interest is due and payable.

“Subsidiary” means (a) a corporation more than 50% of the outstanding voting stock of which is owned, directly or indirectly, by the Company or by one or more other Subsidiaries, or by the Company and one or more other Subsidiaries or (b) any partnership or similar business organization more than 50% of the ownership interests having ordinary voting power of which shall at the time be so owned. For the purposes of this definition, “voting stock” means capital stock or equity interests which ordinarily have voting power for the election of directors, whether at all times or only so long as no senior class of stock has such voting power by reason of any contingency.

“Trustee” means the Person named as the “Trustee” in the first paragraph of this instrument until a successor Trustee shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Trustee” shall mean or include each Person who is then a Trustee hereunder, and if at any time there is more than one such Person, “Trustee” as used with respect to the Securities of any series shall mean the Trustee with respect to Securities of that series.

“Trust Indenture Act” means the Trust Indenture Act of 1939, as amended, as in force at the date as of which this instrument was executed, except as provided in Section 9.5; *provided, however*, that if the Trust Indenture Act of 1939 is amended after such date, “Trust Indenture Act” means, to the extent required by any such amendment, the Trust Indenture Act of 1939 as so amended.

“U.S. Person” shall have the meaning assigned to such term in Section 7701(a)(30) of the Code.

“U.S. Government Obligations” means securities which are (a) direct obligations of the United States for the payment of which its full faith and credit is pledged, or (b) obligations of a Person controlled or supervised by and acting as an agency or instrumentality of the United States, the payment of which is unconditionally guaranteed as a full faith and credit obligation by the United States, each of which are not callable or redeemable at the option of the issuer thereof.

“Vice President”, when used with respect to the Company, the Guarantor or the Trustee, means any vice president, regardless of whether designated by a number or a word or words added before or after the title “vice president.”

Section 1.2. Incorporation by Reference of Trust Indenture Act.

Whenever this Indenture refers to a provision of the Trust Indenture Act, the provision is incorporated by reference in and made a part of this Indenture. The following Trust Indenture Act terms used in this Indenture have the following meanings:

“commission” means the SEC.

“indenture securities” means the Securities.

“indenture security holder” means a Holder.

“indenture to be qualified” means this Indenture.

“indenture trustee” or “institutional trustee” means the Trustee.

“obligor” on the indenture securities means the Company, the Guarantor (if applicable) or any other obligor on the indenture securities.

All terms used in this Indenture that are defined by the Trust Indenture Act, defined by a Trust Indenture Act reference to another statute or defined by an SEC rule under the Trust Indenture Act have the meanings so assigned to them.

Section 1.3. Compliance Certificates and Opinions.

Upon any application or request by the Company or a Guarantor to the Trustee to take any action under any provision of this Indenture, the Company or such Guarantor, as the case may be, shall furnish to the Trustee an Officer’s Certificate stating that all conditions precedent, if any, provided for in this

Indenture relating to the proposed action have been complied with and an Opinion of Counsel stating that in the opinion of such counsel all such conditions precedent, if any, have been complied with, except that in the case of any such application or request as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or request, no additional certificate or opinion need be furnished except as required under Section 314(c) of the Trust Indenture Act.

Every certificate or opinion with respect to compliance with a condition or covenant provided for in this Indenture (except for certificates provided for in Section 10.5) shall include:

- (a) a statement that each individual signing such certificate or opinion has read such covenant or condition and the definitions herein relating thereto;
- (b) a brief statement as to the nature and scope of the examination or investigation upon which the statements or opinions contained in such certificate or opinion are based;
- (c) a statement that, in the opinion of each such individual, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to regardless of whether such covenant or condition has been complied with; and
- (d) a statement as to whether, in the opinion of each such individual, such condition or covenant has been complied with.

Section 1.4. Form of Documents Delivered to Trustee.

In any case where several matters are required to be certified by, or covered by an opinion of, any specified Person, it is not necessary that all such matters be certified by, or covered by the opinion of, only one such Person, or that they be so certified or covered by only one document, but one such Person may certify or give an opinion with respect to some matters and one or more other such Persons as to other matters, and any such Person may certify or give an opinion as to such matters in one or several documents.

Any certificate or opinion of an officer of the Company or a Guarantor may be based, insofar as it relates to legal matters, upon a certificate or opinion of, or representations by, counsel, unless such officer knows or, in the exercise of reasonable care, should know that the certificate or opinion or representations with respect to the matters upon which his certificate or opinion is based are erroneous. Any such certificate or opinion of counsel may be based, insofar as it relates to factual matters, upon a certificate or opinion of, or representations by, an officer or officers of the Company or the Guarantor, as the case may be, stating that the information with respect to such factual matters is in the possession of the Company or the Guarantor, as the case may be, unless such counsel knows that the certificate or opinion or representations with respect to such matters are erroneous.

Where any Person is required to make, give or execute two or more applications, requests, consents, certificates, statements, opinions or other instruments under this Indenture, they may, but need not, be consolidated and form one instrument.

Section 1.5. Acts of Holders; Record Dates.

- (a) Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by Holders may be embodied in and evidenced by one or more instruments of substantially similar tenor signed (either physically or

by means of a facsimile or an electronic transmission, *provided* that such electronic transmission is transmitted through the facilities of a Depository) by such Holders in person or by agent duly appointed in writing; and, except as herein otherwise expressly provided, such action shall become effective when such instrument or instruments are delivered to the Trustee and, where it is hereby expressly required, to the Company or the Guarantors. Such instrument or instruments (and the action embodied therein and evidenced thereby) are herein sometimes referred to as the "Act" of the Holders signing such instrument or instruments. Proof of execution of any such instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and (subject to Section 315 of the Trust Indenture Act) conclusive in favor of the Trustee, the Company and, if applicable, the Guarantors, if made in the manner provided in this Section.

(b) The fact and date of the execution by any Person of any such instrument or writing may be proved by the affidavit of a witness of such execution or by a certificate of a notary public or other officer authorized by law to take acknowledgments of deeds, certifying that the individual signing such instrument or writing acknowledged to him the execution thereof. Where such execution is by a signer acting in a capacity other than his individual capacity, such certificate or affidavit shall also constitute sufficient proof of his authority. The fact and date of the execution of any such instrument or writing, or the authority of the Person executing the same, may also be proved in any other manner which the Trustee deems sufficient.

(c) The ownership, principal amount and serial numbers of Securities held by any Person, and the date of commencement of such Person's holding of same, shall be proved by the Security Register.

(d) Any request, demand, authorization, direction, notice, consent, waiver or other Act of the Holder of any Security shall bind every future Holder of the same Security and the Holder of every Security issued upon the registration of transfer thereof or in exchange therefor or in lieu thereof in respect of anything done, omitted or suffered to be done by the Trustee, the Company or, if applicable, the Guarantors in reliance thereon, regardless of whether notation of such action is made upon such Security.

(e) Without limiting the foregoing, a Holder entitled to give or take any action hereunder with regard to any particular Security may do so with regard to all or any part of the principal amount of such Security or by one or more duly appointed agents each of which may do so pursuant to such appointment with regard to all or any different part of such principal amount.

(f) The Company may set any day as the record date for the purpose of determining the Holders of Outstanding Securities of any series entitled to give or take any request, demand, authorization, direction, notice, consent, waiver or other Act provided or permitted by this Indenture to be given or taken by Holders of Securities of such series, but the Company shall have no obligation to do so. With regard to any record date set pursuant to this paragraph, the Holders of Outstanding Securities of the relevant series on such record date (or their duly appointed agents), and only such Persons, shall be entitled to give or take the relevant action, regardless of whether such Holders remain Holders after such record date.

Section 1.6. Notices, Etc., to Trustee, Company and Guarantors Any request, demand, authorization, direction, notice, consent, waiver or Act of Holders or other document provided or permitted by this Indenture to be made upon, given or furnished to, or filed with,

(a) the Trustee by any Holder, a Guarantor or by the Company shall be sufficient for every purpose hereunder if made, given, furnished or filed in writing to or with the Trustee at its Corporate Trust Office, Attention: **[Corporate Trust Department]**,

(b) the Company by the Trustee, a Guarantor or by any Holder shall be sufficient for every purpose hereunder (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to the Company addressed to it at the address of its principal office specified in the first paragraph of this instrument to the attention of the Corporate Secretary, or at any other address previously furnished in writing to the Trustee by the Company, or

(c) a Guarantor by the Company, the Trustee or by any Holder shall be sufficient for every purpose hereunder (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to such Guarantor addressed to it at 700 Milam, Suite 3100, Houston, Texas 77002 to the attention of the Corporate Secretary, or at any other address previously furnished in writing to the Trustee by the Guarantor.

Section 1.7. Notice to Holders; Waiver.

Where this Indenture provides for notice to Holders of any event, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class postage prepaid, to each Holder affected by such event, at his address as it appears in the Security Register, not later than the latest date, and not earlier than the earliest date, prescribed for the giving of such notice. In any case where notice to Holders is given by mail, neither the failure to mail such notice, nor any defect in any notice so mailed, to any particular Holder shall affect the sufficiency of such notice with respect to other Holders. Any notice mailed to a Holder in the manner herein prescribed shall be conclusively deemed to have been received by such Holder, regardless of whether such Holder actually receives such notice.

Where this Indenture provides for notice in any manner, such notice may be waived in writing by the Person entitled to receive such notice, either before or after the event, and such waiver shall be the equivalent of such notice. Waivers of notice by Holders shall be filed with the Trustee, but such filing shall not be a condition precedent to the validity of any action taken in reliance upon such waiver.

In case by reason of the suspension of regular mail service or by reason of any other cause it shall be impracticable to give such notice by mail, then such notification as shall be made with the approval of the Trustee shall constitute a sufficient notification for every purpose hereunder.

Section 1.8. Conflict with Trust Indenture Act.

If any provision hereof limits, qualifies or conflicts with a provision of the Trust Indenture Act that is required under such Act to be a part of and govern this Indenture, the latter provision shall control. If any provision of this Indenture modifies or excludes any provision of the Trust Indenture Act that may be so modified or excluded, the latter provision shall be deemed to apply to this Indenture as so modified or excluded, as the case may be.

Section 1.9. Effect of Headings and Table of Contents.

The Article and Section headings herein and the Table of Contents are for convenience only and shall not affect the construction hereof.

Section 1.10. Successors and Assigns.

All covenants and agreements in this Indenture by each of the Company and the Guarantors shall bind their respective successors and assigns, whether so expressed or not.

Section 1.11. Separability Clause.

In case any provision in this Indenture or in the Securities or, if applicable, the Guarantee shall be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

Section 1.12. Benefits of Indenture.

Nothing in this Indenture or in the Securities or, if applicable, the Guarantee, express or implied, shall give to any Person, other than the parties hereto and their successors hereunder, the holders of Senior Debt and the Holders, any benefit or any legal or equitable right, remedy or claim under this Indenture.

Section 1.13. Governing Law.

THIS INDENTURE, THE SECURITIES AND THE GUARANTEE SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK.

Section 1.14. Legal Holidays.

In any case where any Interest Payment Date, Redemption Date or Stated Maturity of any Security shall not be a Business Day at any Place of Payment, then (notwithstanding any other provision of this Indenture or of the Securities or, if applicable, the Guarantee (other than a provision of the Securities of any series or, if applicable, the Guarantee that specifically states that such provision shall apply in lieu of this Section 1.14)) payment of interest or principal and any premium need not be made at such Place of Payment on such date, but may be made on the next succeeding Business Day at such Place of Payment with the same force and effect as if made on the Interest Payment Date or Redemption Date, or at the Stated Maturity, *provided* that no interest shall accrue for the period from and after such Interest Payment Date, Redemption Date or Stated Maturity, as the case may be.

Section 1.15. Securities in a Composite Currency, Currency Unit or Foreign Currency.

Unless otherwise specified in an Officer's Certificate delivered pursuant to Section 3.1 of this Indenture with respect to a particular series of Securities, whenever for purposes of this Indenture any action may be taken by the Holders of a specified percentage in aggregate principal amount of Securities of all series or all series affected by a particular action at the time Outstanding and, at such time, there are Outstanding Securities of any series which are denominated in a coin, currency or currencies other than Dollars (including, but not limited to, any composite currency, currency units or Foreign Currency), then the principal amount of Securities of such series which shall be deemed to be Outstanding for the purpose of taking such action shall be that amount of Dollars that could be obtained for such amount at the Market

Exchange Rate. For purposes of this Section 1.15, the term “Market Exchange Rate” shall mean the noon Dollar buying rate in The City of New York for cable transfers of such currency or currencies as published by the Federal Reserve Bank of New York, as of the most recent available date. If such Market Exchange Rate is not so available for any reason with respect to such currency, the Trustee shall use, in its sole discretion and without liability on its part, such quotation of the Federal Reserve Bank of New York as of the most recent available date, or quotations or rates of exchange from one or more major banks in The City of New York or in the country of issue of the currency in question, which for purposes of euros shall be Brussels, Belgium, or such other quotations or rates of exchange as the Trustee shall deem appropriate. The provisions of this paragraph shall apply in determining the equivalent principal amount in respect of Securities of a series denominated in a currency other than Dollars in connection with any action taken by Holders of Securities pursuant to the terms of this Indenture.

All decisions and determinations of the Trustee regarding the Market Exchange Rate or any alternative determination provided for in the preceding paragraph shall be in its sole discretion and shall, in the absence of manifest error, be conclusive to the extent permitted by law for all purposes and irrevocably binding upon the Issuer and all Holders.

Section 1.16. Payment in Required Currency; Judgment Currency.

Each of the Company and the Guarantors agrees, to the fullest extent that it may effectively do so under applicable law, that (a) if for the purpose of obtaining judgment in any court it is necessary to convert the sum due in respect of the principal of or interest on the Securities of any series (the “Required Currency”) into a currency in which a judgment will be rendered (the “Judgment Currency”), the rate of exchange used shall be the rate at which in accordance with normal banking procedures the Trustee could purchase in The City of New York the Required Currency with the Judgment Currency on the day on which final unappealable judgment is entered, unless such day is not a Banking Day, then, to the extent permitted by applicable law, the rate of exchange used shall be the rate at which in accordance with normal banking procedures the Trustee could purchase in The City of New York the Required Currency with the Judgment Currency on the Banking Day next preceding the day on which final unappealable judgment is entered and (b) its obligations under this Indenture to make payments in the Required Currency (i) shall not be discharged or satisfied by any tender, or any recovery pursuant to any judgment (regardless of whether entered in accordance with subclause (a)), in any currency other than the Required Currency, except to the extent that such tender or recovery shall result in the actual receipt, by the payee, of the full amount of the Required Currency expressed to be payable in respect of such payments, (ii) shall be enforceable as an alternative or additional cause of action for the purpose of recovering in the Required Currency the amount, if any, by which such actual receipt shall fall short of the full amount of the Required Currency so expressed to be payable and (iii) shall not be affected by judgment being obtained for any other sum due under this Indenture.

Section 1.17. Language of Notices, Etc.

Any request, demand, authorization, direction, notice, consent, waiver or Act required or permitted under this Indenture shall be in the English language, except that any published notice may be in an official language of the country of publication.

Section 1.18. Incorporators, Shareholders, Officers and Directors of the Company and the Guarantors Exempt from Individual Liability.

No recourse under or upon any obligation, covenant or agreement of or contained in this Indenture or of or contained in any Security or, if applicable, the Guarantee, or for any claim based thereon or otherwise in respect thereof, or in any Security or, if applicable, the Guarantee, or because of

the creation of any indebtedness represented thereby, shall be had against any incorporator, shareholder, member, officer, manager or director, as such, past, present or future, of the Company, any Guarantor or any successor Person, either directly or through the Company, any Guarantor or any successor Person, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, it being expressly understood that all such liability is hereby expressly waived and released as a condition of, and as a part of the consideration for, the execution of this Indenture and the issue of the Securities.

ARTICLE TWO **SECURITY FORMS**

Section 2.1. Forms Generally.

The Securities of each series and, if applicable, the notation thereon relating to the Guarantee, shall be in substantially the form set forth in this Article Two, or in such other form or forms as shall be established by or pursuant to a Board Resolution or in one or more indentures supplemental hereto, in each case with such appropriate insertions, omissions, substitutions and other variations as are required or permitted by this Indenture, and may have such letters, numbers or other marks of identification and such legends or endorsements placed thereon as may be required to comply with the rules of any securities exchange or as may, consistently herewith, be determined by the officers executing such Securities and, if applicable, the Guarantee, as evidenced by their execution thereof.

The definitive Securities shall be printed, lithographed or engraved on steel engraved borders or may be produced in any other manner, all as determined by the officers executing such Securities, as evidenced by their execution thereof. If the form of Securities of any series is established by action taken pursuant to a Board Resolution, a copy of an appropriate record of such action shall be certified by an authorized officer or other authorized person on behalf of the Company and delivered to the Trustee at or prior to the delivery of the Company Order contemplated by Section 3.3 for the authentication and delivery of such Securities.

The forms of Global Securities of any series shall have such provisions and legends as are customary for Securities of such series in global form, including without limitation any legend required by the Depository for the Securities of such series.

Section 2.2. Form of Face of Security.

*[If the Security is an Original Issue Discount Security, insert—*FOR PURPOSES OF SECTION 1275 OF THE UNITED STATES INTERNAL REVENUE CODE OF 1986, AS AMENDED, THE AMOUNT OF THE ORIGINAL ISSUE DISCOUNT IS _____, THE ISSUE DATE IS _____, 20__ [AND] [,] THE YIELD TO MATURITY IS _____ [,] [AND THE ORIGINAL ISSUE DISCOUNT FOR THE SHORT ACCRUAL PERIOD IS _____ AND THE METHOD USED TO DETERMINE THE YIELD THEREFOR IS _____]

[Insert any other legend required by the Code or the regulations thereunder.]

[If a Global Security,—insert legend required by Section 204 of the Indenture] [If applicable, insert — UNLESS THIS SECURITY IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY, A NEW YORK CORPORATION, TO THE COMPANY OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY SECURITY ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST

COMPANY (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITORY TRUST COMPANY), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL SINCE THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.]

ACTIVE POWER, INC.

[TITLE OF SECURITY]

No _____

U.S. \$ _____

[CUSIP No.]

ACTIVE POWER, INC., a company duly incorporated under the laws of the State of Delaware (herein called the "Company", which term includes any successor or resulting Person under the Indenture hereinafter referred to), for value received, hereby promises to pay to _____, or registered assigns, the principal sum of _____ United States Dollars on _____ [If the Security is to bear interest prior to Maturity, insert—, and to pay interest thereon from _____ or from the most recent Interest Payment Date to which interest has been paid or duly provided for, semi-annually on _____ and _____ in each year, commencing _____, at the rate of _____% per annum, until the principal hereof is paid or made available for payment [if applicable, insert—, and at the rate of _____% per annum on any overdue principal and premium and on any installment of interest (to the extent that the payment of such interest shall be legally enforceable)]. The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in such Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest, which shall be the _____ or _____ (regardless of whether a Business Day), as the case may be, next preceding such Interest Payment Date. Any such interest not so punctually paid or duly provided for will forthwith cease to be payable to the Holder on such Regular Record Date and may either be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be fixed by the Trustee, notice whereof shall be given to Holders of Securities of this series not less than 10 days prior to such Special Record Date, or be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Securities of this series may be listed, and upon such notice as may be required by such exchange, all as more fully provided in said Indenture].

[If the Security is not to bear interest prior to Maturity, insert—The principal of this Security shall not bear interest except in the case of a default in payment of principal upon acceleration, upon redemption or at Stated Maturity and in such case the overdue principal of this Security shall bear interest at the rate of _____% per annum (to the extent that the payment of such interest shall be legally enforceable), which shall accrue from the date of such default in payment to the date payment of such principal has been made or duly provided for. Interest on any overdue principal shall be payable on demand. Any such interest on any overdue principal that is not so paid on demand shall bear interest at the rate of _____% per annum (to the extent that the payment of such interest shall be legally enforceable), which shall accrue from the date of such demand for payment to the date payment of such interest has been made or duly provided for, and such interest shall also be payable on demand.]

[If a Global Security, insert—Payment of the principal of (and premium, if any) and [if applicable, insert—any such] interest on this Security will be made by transfer of immediately available funds to a bank account in _____ designated by the Holder in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts [state other currency].]

[If a Definitive Security, insert—Payment of the principal of (and premium, if any) and [if applicable, insert—any such] interest on this Security will be made at the office or agency of the Company maintained for that purpose in _____, in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts] [state other currency] [or subject to any laws or regulations applicable thereto and to the right of the Company (as provided in the Indenture) to rescind the designation of any such Paying Agent, at the [main] offices of _____ in _____, or at such other offices or agencies as the Company may designate, by [United States Dollar] [state other currency] check drawn on, or transfer to a [United States Dollar] account maintained by the payee with, a bank in The City of New York (so long as the applicable Paying Agency has received proper transfer instructions in writing at least ___ days prior to the payment date)] [if applicable, insert—; provided, however, that payment of interest may be made at the option of the Company by [United States Dollar] [state other currency] check mailed to the addresses of the Persons entitled thereto as such addresses shall appear in the Security Register] [or by transfer to a [United States Dollar] [state other currency] account maintained by the payee with a bank in The City of New York [state other Place of Payment] (so long as the applicable Paying Agent has received proper transfer instructions in writing by the Record Date prior to the applicable Interest Payment Date)].]

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

Unless the certificate of authentication hereon has been executed by the Trustee referred to on the reverse hereof by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

Dated:

ACTIVE POWER, INC.

By: _____

Section 2.3. Form of Reverse of Security.

This Security is one of a duly authorized issue of subordinated securities of the Company (herein called the “Securities”), issued and to be issued in one or more series under an Indenture, dated as of [_____] [___], 2006 (herein called the “Indenture”), between the Company, the Guarantors and [____], as Trustee (herein called the “Trustee”, which term includes any successor trustee under the Indenture), to which Indenture and all indentures supplemental thereto reference is hereby made for a statement, of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Guarantors, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered. As provided in the Indenture, the Securities may be issued in one or more series, which different series may be issued in various aggregate principal amounts, may mature at different times, may bear interest, if any, at different rates, may be subject to different redemption provisions, if any, may be subject to different sinking, purchase or analogous funds, if any, may be subject to different covenants and Events of Default and may otherwise vary as in the Indenture provided or permitted. This Security is one of the series designated on the face hereof [, limited in aggregate principal amount to \$ _____].

This security is the general, unsecured, subordinated obligation of the Company [*if applicable, insert*—and is guaranteed pursuant to a guarantee (the “Guarantee”) by [*insert name of each Guarantor*] (the “Guarantors”). The Guarantee is the general, unsecured, subordinated obligation of each Guarantor.]

[*If applicable, insert*—The Securities of this series are subject to redemption upon not less than ___ days’ notice by mail, [*if applicable, insert*, —(1) on _____ in any year commencing with the year _____ and ending with the year _____ through operation of the sinking fund for this series at a Redemption Price equal to 100% of the principal amount, and (2)] at any time [on or after _____, 20__], as a whole or in part, at the election of the Company, at the following Redemption Prices (expressed as percentages of the principal amount): If redeemed [on or before _____%, and if redeemed] during the 12-month period beginning _____ of the years indicated,

Year	Redemption Price	Year	Redemption Price
------	------------------	------	------------------

and thereafter at a Redemption Price equal to _____% of the principal amount, together in the case of any such redemption [*if applicable, insert*—(whether through operation of the sinking fund or otherwise)] with accrued interest to the Redemption Date, but interest installments whose Stated Maturity is on or prior to such Redemption Date will be payable to the Holders of such Securities, or one or more Predecessor Securities, of record at the close of business on the relevant Record Dates referred to on the face hereof, all as provided in the Indenture.]

[*If applicable, insert*—The Securities of this series are subject to redemption upon not less than ___ nor more than ___ days’ notice by mail, (1) on _____ in any year commencing with the year _____ and ending with the year _____ through operation of the sinking fund for this series at the Redemption Prices for redemption through operation of the sinking fund (expressed as percentages of the principal amount) set forth in the table below, and (2) at anytime [on or after _____], as a whole or in part, at the election of the Company, at the Redemption Prices for redemption otherwise than through operation of the sinking fund (expressed as percentages of the principal amount) set forth in the table below: If redeemed during the 12-month period beginning _____ of the years indicated,

Year	Redemption Price For Redemption Through Operation of the Sinking Fund	Redemption Price for Redemption Otherwise Than Through Operation of the Sinking Fund
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and thereafter at a Redemption Price equal to ____% of the principal amount, together in the case of any such redemption (whether through operation of the sinking fund or otherwise) with accrued interest to the Redemption Date, but interest installments whose Stated Maturity is on or prior to such Redemption Date will be payable to the Holders of such Securities, or one or more Predecessor Securities, of record at the close of business on the relevant Record Dates referred to on the face hereof, all as provided in the Indenture.]

[If applicable, insert—Notwithstanding the foregoing, the Company may not, prior to _____, redeem any Securities of this series as contemplated by [clause (2) of] the preceding paragraph as a part of, or in anticipation of, any refunding operation by the application, directly or indirectly, of moneys borrowed having an interest cost to the Company (calculated in accordance with generally accepted financial practice) of less than ____% per annum.]

[If applicable, insert—The sinking fund for this series provides for the redemption on _____ in each year beginning with the year _____ and ending with the year _____ of [not less than] \$ _____ [(“mandatory sinking fund”) and not more than \$ _____] aggregate principal amount of Securities of this series. [Securities of this series acquired or redeemed by the Company otherwise than through [mandatory] sinking fund payments may be credited against subsequent [mandatory] sinking fund payments otherwise required to be made [If applicable, insert— in the inverse order in which they become due].]

[If the Securities are subject to redemption in part of any kind, insert—In the event of redemption of this Security in part only, a new Security or Securities of this series and of like tenor for the unredeemed portion hereof will be issued in the name of the Holder hereof upon the cancellation hereof.]

[If applicable, insert—The Securities of this series are not redeemable prior to Stated Maturity.]

[If the Security is not an Original Issue Discount Security,—If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.]

[If the Security is an Original Issue Discount Security,—If an Event of Default with respect to Securities of this series shall occur and be continuing, an amount of principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture. Such amount shall be equal to —insert formula for determining the amount. Upon payment (i) of the amount of principal so declared due and payable and (ii) of interest on any overdue principal and overdue interest (in each case to the extent that the payment of such interest shall be legally enforceable), all of the Company’s obligations in respect of the payment of the principal of and interest, if any, on the Securities of this series shall terminate.]

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company [If applicable, insert—and the Guarantors] and the rights of the Holders of the Securities of each series to be affected under the Indenture at any time by the Company [If applicable, insert—and the Guarantors] and the Trustee with the consent of the Holders of a majority in principal amount of the Securities at the time Outstanding of each series to be affected. The Indenture also contains provisions permitting the Holders of specified percentages in principal amount of the Securities of each series at the time Outstanding, on behalf of the Holders of all Securities of such series, to waive compliance by the Company [If applicable, insert—and the Guarantors] with certain provisions of the Indenture and certain past defaults under the Indenture and their consequences. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange hereof or in lieu hereof, regardless of whether notation of such consent or waiver is made upon this Security.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of (and premium, if any) and interest on this Security at the times, place(s) and rate, and in the coin or currency, herein prescribed.

*[If a Global Security, insert—*This Global Security or portion hereof may not be exchanged for Definitive Securities of this series except in the limited circumstances provided in the Indenture. The holders of beneficial interests in this Global Security will not be entitled to receive physical delivery of Definitive Securities except as described in the Indenture and will not be considered the Holders thereof for any purpose under the Indenture.*]*

*[If a Definitive Security, insert—*As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registerable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company in *[if applicable, insert—*any place where the principal of and any premium and interest on this Security are payable*]* *[if applicable, insert—*The City of New York [*], or, subject to any laws or regulations applicable thereto and to the right of the Company (limited as provided in the Indenture) to rescind the designation of any such transfer agent, at the [main] offices of _____ in _____ or at such other offices or agencies as the Company may designate*], duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor, of authorized denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.*]*

The Securities of this series are issuable only in registered form without coupons in denominations of U.S. \$ _____ and any integral multiple thereof. As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different authorized denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this Security for registration of transfer, the Company, *[If applicable, insert—*any Guarantor,*]* the Trustee and any agent of the Company *[If applicable, insert—, a Guarantor]* or the Trustee may treat the Person in whose name this Security is registered as the owner hereof for all purposes, regardless of whether this Security be overdue, and none of the Company, *[If applicable, insert—the Guarantors,]* the Trustee nor any such agent shall be affected by notice to the contrary.

This Security is subordinated in right of payment to Senior Debt *[If applicable, insert—and the Guarantee is subordinated in right of payment to Guarantor Senior Debt]*, to the extent and in the manner provided in the Indenture.

No recourse under or upon any obligation, covenant or agreement of or contained in the Indenture or of or contained in any Security, *[If applicable, insert—, or the Guarantee endorsed thereon,]* or for any claim based thereon or otherwise in respect thereof, or in any Security *[If applicable, insert—or in the Guarantee]*, or because of the creation of any indebtedness represented thereby, shall be had against any

incorporator, shareholder, member, officer, manager or director, as such, past, present or future, of the Company [If applicable, insert—or any Guarantor] or of any successor Person, either directly or through the Company [If applicable, insert—or any Guarantor] or any successor Person, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment, penalty or otherwise; it being expressly understood that all such liability is hereby expressly waived and released by the acceptance hereof and as a condition of, and as part of the consideration for, the Securities and the execution of the Indenture.

The Indenture provides that the Company [If applicable, insert—and the Guarantors] (a) will be discharged from any and all obligations in respect of the Securities (except for certain obligations described in the Indenture), or (b) need not comply with certain restrictive covenants of the Indenture, in each case if the Company [If applicable, insert—or a Guarantor] deposits, in trust, with the Trustee money or U.S. Government Obligations (or a combination thereof) which through the payment of interest thereon and principal thereof in accordance with their terms will provide money, in an amount sufficient to pay all the principal of and interest on the Securities, but such money need not be segregated from other funds except to the extent required by law.

Except as otherwise defined herein, all terms used in this Security which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

[If a Definitive Security, insert as a separate page—

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(Please Print or Typewrite Name and Address of Assignee)

the within instrument of ACTIVE POWER, INC. and does hereby irrevocably constitute and appoint _____ Attorney to transfer said instrument on the books of the within-named Company, with full power of substitution in the premises.

Please Insert Social Security or Other Identifying Number of Assignee:

Dated: _____

(Signature)

NOTICE: The signature to this assignment must correspond with the name as written upon the face of the within instrument in every particular, without alteration or enlargement or any change whatever.]

[If a Security to which Article Fourteen has been made applicable, insert the following Form of Notation on such Security relating to the Guarantee—

Each of the Guarantors (which term includes any successor Person in such capacity under the Indenture), has fully, unconditionally and absolutely guaranteed, to the extent set forth in the Indenture and subject to the provisions in the Indenture, the due and punctual payment of the principal of, and premium, if any, and interest on the Securities of this series and all other amounts due and payable under the Indenture and the Securities of this series by the Company.

The obligations of the Guarantors to the Holders of Securities of this series and to the Trustee pursuant to the Guarantee and the Indenture are expressly set forth in Article Fourteen of the Indenture and reference is hereby made to the Indenture for the precise terms of the Guarantee.

Guarantors:

[NAME OF EACH GUARANTOR]

By: _____]
_____]

Section 2.4. Global Securities.

Every Global Security authenticated and delivered hereunder shall bear a legend in substantially the following form:

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE TRANSFERRED TO, OR REGISTERED OR EXCHANGED FOR SECURITIES REGISTERED IN THE NAME OF, ANY PERSON OTHER THAN THE DEPOSITARY OR A NOMINEE THEREOF AND NO SUCH TRANSFER MAY BE REGISTERED, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

EVERY SECURITY AUTHENTICATED AND DELIVERED UPON REGISTRATION OF TRANSFER OF, OR IN EXCHANGE FOR OR IN LIEU OF, THIS SECURITY SHALL BE A GLOBAL SECURITY SUBJECT TO THE FOREGOING, EXCEPT IN SUCH LIMITED CIRCUMSTANCES.

If Securities of a series are issuable in whole or in part in the form of one or more Global Securities, as specified as contemplated by Section 3.1, then, notwithstanding clause (i) of Section 3.1 and the provisions of Section 3.2, any Global Security shall represent such of the Outstanding Securities of such series as shall be specified therein and may provide that it shall represent the aggregate amount of Outstanding Securities from time to time endorsed thereon and that the aggregate amount of Outstanding Securities represented thereby may from time to time be reduced or increased, as the case may be, to reflect exchanges. Any endorsement of a Global Security to reflect the amount, or any reduction or increase in the amount, of Outstanding Securities represented thereby shall be made in such manner and upon instructions given by such Person or Persons as shall be specified therein or in a Company Order. Subject to the provisions of Section 3.3, Section 3.4 and Section 3.5, the Trustee shall deliver and redeliver any Global Security in the manner and upon instructions given by the Person or Persons specified therein or in the applicable Company Order. Any instructions by the Company with respect to endorsement or delivery or redelivery of a Global Security shall be in a Company Order (which need not comply with Section 1.3 and need not be accompanied by an Opinion of Counsel).

The provisions of the last sentence of Section 3.3 shall apply to any Security represented by a Global Security if such Security was never issued and sold by the Company and the Company delivers to the Trustee the Global Security together with a Company Order (which need not comply with Section 1.3 and need not be accompanied by an Opinion of Counsel) with regard to the reduction or increase, as the case may be, in the principal amount of Securities represented thereby, together with the written statement contemplated by the last sentence of Section 3.3.

Section 2.5. Form of Trustee's Certificate of Authentication.

The Trustee's certificate(s) of authentication shall be in substantially the following form:

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

[_____],
as Trustee

By: _____
Authorized Officer

ARTICLE THREE
THE SECURITIES

Section 3.1. Amount Unlimited; Issuable in Series.

The aggregate principal amount of Securities which may be authenticated and delivered under this Indenture is unlimited.

The Securities may be issued in one or more series. There shall be established in or pursuant to a Board Resolution, and set forth, or determined in the manner provided, in an Officer's Certificate, or established in one or more indentures supplemental hereto, prior to the issuance of Securities of any series,

(a) the title of the Securities of the series (which shall distinguish the Securities of the series from all other Securities and which may be part of a series of Securities previously issued);

(b) any limit upon the aggregate principal amount of the Securities of the series which may be authenticated and delivered under this Indenture (except for Securities authenticated and delivered upon registration of transfer of, or in exchange for, or in lieu of, other Securities of the series pursuant to Section 3.4, Section 3.5, Section 3.6, Section 9.6 or Section 11.7 and except for any Securities which, pursuant to Section 3.3, are deemed never to have been authenticated and delivered hereunder);

(c) the Person to whom any interest on a Security of the series shall be payable, if other than the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest;

(d) the date or dates on which the principal of the Securities of the series is payable or the method of determination thereof;

(e) the rate or rates at which the Securities of the series shall bear interest, if any, or the formula, method or provision pursuant to which such rate or rates are determined, the date or dates from which such interest shall accrue or the method of determination thereof, the Interest Payment Dates on which such interest shall be payable and the Regular Record Date for the interest payable on any Interest Payment Date;

(f) the place or places where, subject to the provisions of Section 10.2, the principal of and any premium and interest on Securities of the series shall be payable, Securities of the series may be surrendered for registration of transfer, Securities of the series may be surrendered for exchange and notices, and demands to or upon the Company in respect of the Securities of the series and this Indenture may be served;

(g) the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of the series may be redeemed, in whole or in part, at the option of the Company;

(h) the obligation, if any, of the Company to redeem or purchase Securities of the series pursuant to any sinking fund or analogous provisions or at the option of a Holder thereof and the period or periods within which, the price or prices at which and the terms and conditions upon which Securities of the series shall be redeemed or purchased, in whole or in part, pursuant to such obligation;

(i) if other than denominations of \$1,000 and any integral multiple thereof, the denominations in which Securities of the series shall be issuable;

(j) whether payment of principal of and premium, if any, and interest, if any, on the Securities of the series shall be without deduction for taxes, assessments or governmental charges paid by Holders of the series;

(k) if other than the principal amount thereof, the portion of the principal amount of Securities of the series which shall be payable upon declaration of acceleration of the Maturity thereof pursuant to Section 5.2;

(l) if the amount of payments of principal of and any premium or interest on the Securities of the series may be determined with reference to an index, the manner in which such amounts shall be determined;

(m) if and as applicable, that the Securities of the series shall be issuable in whole or in part in the form of one or more Global Securities and, in such case, the Depositary or Depositaries for such Global Security or Global Securities and any circumstances other than those set forth in Section 3.5 in which any such Global Security may be transferred to, and registered and exchanged for Securities registered in the name of, a Person other than the Depositary for such Global Security or a nominee thereof and in which any such transfer may be registered;

(n) any deletions from, modifications of or additions to the Events of Default set forth in Section 5.1 or the covenants of the Company set forth in Article Ten with respect to the Securities of such series;

(o) whether and under what circumstances the Company will pay additional amounts on the Securities of the series held by a Person who is not a U.S. Person in respect of any tax, assessment or governmental charge withheld or deducted and, if so, whether the Company will have the option to redeem the Securities of the series rather than pay such additional amounts;

(p) if the Securities of the series are to be issuable in definitive form (whether upon original issue or upon exchange of a temporary Security of such series) only upon receipt of certain certificates or other documents or satisfaction of other conditions, the form and terms of such certificates, documents or conditions;

(q) if the Securities of the series are to be convertible into or exchangeable for any other security or property of the Company, including, without limitation, securities of another Person held by the Company or its Affiliates and, if so, the terms thereof;

(r) if other than as provided in Section 13.2 and Section 13.3, the means of defeasance or covenant defeasance as may be specified for the Securities of the series;

(s) if other than the Trustee, the identity of the initial Security Registrar and any initial Paying Agent;

(t) whether the Securities of the series will be guaranteed pursuant to the Guarantee set forth in Article Fourteen, any modifications to the terms of Article Fourteen applicable to the Securities of such series and the applicability of any other guarantees; and

(u) any other terms of the series (which terms shall not be inconsistent with the provisions of this Indenture).

All Securities of any one series shall be substantially identical except as to denomination and except as may otherwise be provided in or pursuant to the Board Resolution referred to above and (subject to Section 3.3) set forth, or determined in the manner provided, in the Officer's Certificate referred to above or in any such indenture supplemental hereto.

All Securities of any one series need not be issued at the same time and, unless otherwise provided, a series may be reopened, without the consent of the Holders, for increases in the aggregate principal amount of such series of Securities and issuances of additional Securities of such series or for the establishment of additional terms with respect to the Securities of such series.

If any of the terms of the series are established by action taken by or pursuant to a Board Resolution, a copy of an appropriate record of such action shall be certified by an authorized officer or other authorized person on behalf of the Company and, if applicable, the Guarantors and delivered to the Trustee at or prior to the delivery of the Officer's Certificate setting forth, or providing the manner for determining, the terms of the series.

With respect to Securities of a series subject to a Periodic Offering, such Board Resolution or Officer's Certificate may provide general terms for Securities of such series and provide either that the specific terms of particular Securities of such series shall be specified in a Company Order or that such terms shall be determined by the Company and, if applicable, the Guarantors or one or more agents thereof designated in an Officer's Certificate, in accordance with a Company Order.

Section 3.2. Denominations.

The Securities of each series shall be issuable in registered form without coupons in such denominations as shall be specified as contemplated by Section 3.1. In the absence of any such provisions with respect to the Securities of any series, the Securities of such series shall be issuable in denominations of \$2,000 each and integral multiples of \$1,000.

Section 3.3. Execution, Authentication, Delivery and Dating.

The Securities shall be executed on behalf of the Company by its Chairman of the Board, its Chief Executive Officer, its President, its Chief Financial Officer or any of its Vice Presidents and need not be attested. The signature of any of these officers on the Securities may be manual or facsimile. Any Guarantee endorsed on the Securities shall be executed on behalf of the applicable Guarantor by its Chairman of the Board, its Chief Executive Officer, its President, its Chief Financial Officer or any of its Vice Presidents and need not be attested.

Securities and any Guarantee bearing the manual or facsimile signatures of individuals who were at any time the proper officers of the Company or a Guarantor, as the case may be, shall bind the Company or such Guarantor, as the case may be, notwithstanding that such individuals or any of them have ceased to hold such offices prior to the authentication and delivery of such Securities or did not hold such offices at the date of such Securities.

At any time and from time to time after the execution and delivery of this Indenture, the Company may deliver Securities of any series executed by the Company to the Trustee for authentication, together with a Company Order for the authentication and delivery of such Securities, and the Trustee in accordance with the Company Order shall authenticate and deliver such Securities; *provided, however*, that in the case of Securities offered in a Periodic Offering, the Trustee shall authenticate and deliver such Securities from time to time in accordance with such other procedures (including, without limitation, the receipt by the Trustee of oral or electronic instructions from the Company or its duly authorized agents, thereafter promptly confirmed in writing) acceptable to the Trustee as may be specified by or pursuant to a Company Order delivered to the Trustee prior to the time of the first authentication of Securities of such series. If the forms or terms of the Securities of the series have been established in or pursuant to one or more Board Resolutions as permitted by Section 2.1 and Section 3.1, in authenticating such Securities, and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive such documents as it may reasonably request. The Trustee shall also be entitled to receive, and (subject to Section 6.1) shall be fully protected in relying upon, an Opinion of Counsel stating,

(a) if the form or forms of such Securities has been established in or pursuant to a Board Resolution as permitted by Section 2.1, that each such form has been established in conformity with the provisions of this Indenture;

(b) if the terms of such Securities have been, or in the case of Securities of a series offered in a Periodic Offering will be, established in or pursuant to a Board Resolution as permitted by Section 3.1, that such terms have been, or in the case of Securities of a series offered in a Periodic Offering will be, established in conformity with the provisions of this Indenture, subject, in the case of Securities of a series offered in a Periodic Offering, to any conditions specified in such Opinion of Counsel; and

(c) that such Securities when authenticated and delivered by the Trustee and issued by the Company in the manner and subject to any conditions and assumptions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Company and, if applicable, the Guarantors, enforceable in accordance with their terms, subject to the following limitations: (i) bankruptcy, insolvency, moratorium, reorganization, liquidation, fraudulent conveyance or transfer and other similar laws of general applicability relating to or affecting the enforcement of creditors' rights, or to general equity principles, (ii) the availability of equitable remedies being subject to the discretion of the court to which application therefor is made; and (iii) such other usual and customary matters as shall be specified in such Opinion of Counsel.

If such form or forms or terms have been so established, the Trustee shall not be required to authenticate such Securities if the issue of such Securities pursuant to this Indenture will affect the Trustee's own rights, duties or immunities under the Securities and this Indenture or otherwise in a manner which is not reasonably acceptable to the Trustee.

Notwithstanding the provisions of Section 3.1 and of the preceding paragraph, if all Securities of a series are not to be originally issued at one time, it shall not be necessary to deliver the Officer's Certificate otherwise required pursuant to Section 3.1 or the Company Order and Opinion of Counsel otherwise required pursuant to such preceding paragraph at or prior to the time of authentication of each Security of such series if such documents are delivered at or prior to the authentication upon original issuance of the first Security of such series to be issued.

With respect to Securities of a series offered in a Periodic Offering, the Trustee may rely, as to the authorization by the Company of any of such Securities, on the form or forms and terms thereof and the legality, validity, binding effect and enforceability thereof, upon the Opinion of Counsel and the other documents delivered pursuant to Section 2.1 and Section 3.1 and this Section, as applicable, in connection with the first authentication of Securities of such series.

Each Security shall be dated the date of its authentication.

No Security, nor any Guarantee endorsed thereon, shall be entitled to any benefit under this Indenture or be valid or obligatory for any purpose unless there appears on such Security a certificate of authentication substantially in the form provided for herein executed by the Trustee by manual signature of an authorized officer, and such certificate upon any Security shall be conclusive evidence, and the only evidence, that such Security has been duly authenticated and delivered hereunder and is entitled to the benefits of this Indenture. Notwithstanding the foregoing, if any Security shall have been authenticated and delivered hereunder but never issued and sold by the Company, and the Company shall deliver such Security to the Trustee for cancellation as provided in Section 3.9 for all purposes of this Indenture such Security shall be deemed never to have been authenticated and delivered hereunder and shall never be entitled to the benefits of this Indenture.

Section 3.4. Temporary Securities.

Pending the preparation of Definitive Securities of any series, the Company may execute, and upon Company Order the Trustee shall authenticate and deliver, temporary Securities which are printed, lithographed, typewritten, mimeographed or otherwise produced, in any authorized denomination, substantially of the tenor of the Definitive Securities in lieu of which they are issued and with such appropriate insertions, omissions, substitutions and other variations as the officers executing such Securities may determine, as evidenced by their execution of such Securities.

If temporary Securities of any series are issued, the Company will cause Definitive Securities of that series to be prepared without unreasonable delay. After the preparation of Definitive Securities of such series, the temporary Securities of such series shall be exchangeable for Definitive Securities of such series upon surrender of the temporary Securities of such series at the office or agency of the Company in a Place of Payment for that series, without charge to the Holder. Upon surrender for cancellation of any one or more temporary Securities of any series the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a like principal amount of Definitive Securities of the same series and tenor of authorized denominations. Until so exchanged the temporary Securities of any series shall in all respects be entitled to the same benefits under this Indenture as Definitive Securities of such series.

Section 3.5. Registration, Registration of Transfer and Exchange.

The Company shall cause to be kept at the office or agency of the Company in the Borough of Manhattan, the City of New York or in any other office or agency of the Company in a Place of Payment required by Section 10.2 a register (the register maintained in such office being herein sometimes referred to as the "Security Register") in which, subject to such reasonable regulations as it may prescribe, the Company shall provide for the registration of Securities and of transfers of Securities. The Trustee is hereby appointed as the initial "Security Registrar" for the purpose of registering Securities and transfers of Securities as herein provided, and its corporate trust office, which, at the date hereof, is located at [_____, [New York, New York] [_____] is the initial office or agency in the Borough of Manhattan where the Securities Register will be maintained. The Company may at any time replace such Security Registrar, change such office or agency or act as its own Security Registrar. The Company will give prompt written notice to the Trustee of any change of the Security Registrar or of the location of such office or agency.

Upon surrender for registration of transfer of any Security of any series at the office or agency maintained pursuant to Section 10.2 for such purpose, the Company and, if applicable, the Guarantors shall execute, and the Trustee shall authenticate and deliver, in the name of the designated transferee or transferees, one or more new Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and tenor, of any authorized denominations and of a like aggregate principal amount.

At the option of the Holder, Securities of any series (except a Global Security) may be exchanged for other Securities of the same series and tenor, of any authorized denominations and of a like aggregate principal amount, upon surrender of the Securities to be exchanged at such office or agency. Whenever any Securities are so surrendered for exchange, the Company and, if applicable, the Guarantors shall execute and the Trustee shall authenticate and deliver, the Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, which the Holder making the exchange is entitled to receive.

All Securities issued upon any registration of transfer or exchange of Securities shall be the valid obligations of the Company and, if applicable, the Guarantors evidencing the same debt, and entitled to the same benefits under this Indenture, as the Securities surrendered upon such registration of transfer or exchange.

Every Security presented or surrendered for registration of transfer or for exchange shall (if so required by the Company or the Trustee) be duly endorsed, or be accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed, by the Holder thereof or his attorney duly authorized in writing.

No service charge shall be made for any registration of transfer or exchange of Securities, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any registration of transfer or exchange of Securities, other than exchanges pursuant to Section 3.4, Section 9.6 or Section 11.7 not involving any transfer.

The Company shall not be required (a) to issue, register the transfer of or exchange Securities of any series during a period beginning at, the opening of business 15 days before the day of the mailing of a notice of redemption of Securities of that series selected for redemption under Section 11.3 and ending at the close of business on the day of such mailing, or (b) to register the transfer of or exchange any Security so selected for redemption in whole or in part, except the unredeemed portion of any Security being redeemed in part.

Notwithstanding any other provisions of this Indenture and except as otherwise specified with respect to any particular series of Securities as contemplated by Section 3.1, a Global Security representing all or a portion of the Securities of a series may not be transferred, except as a whole by the Depositary for such series to a nominee of such Depositary or by a nominee of such Depositary to such Depositary or another nominee of such Depositary or by such Depositary or any such nominee to a successor Depositary for such series or a nominee of such successor Depositary. Every Security authenticated and delivered upon registration of, transfer of, or in exchange for or in lieu of, a Global Security shall be a Global Security except as provided in the two paragraphs immediately following.

If at any time the Depositary for any Securities of a series represented by one or more Global Securities notifies the Company that it is unwilling or unable to continue as Depositary for such Securities or if at any time the Depositary for such Securities shall no longer be eligible to continue as Depositary under Section 3.1 or ceases to be a clearing agency registered under the Exchange Act, the Company shall appoint a successor Depositary with respect to such Securities. If a successor Depositary for such Securities is not appointed by the Company within 90 days after the Company receives such notice or becomes aware of such ineligibility, the Company's election pursuant to Section 3.1 that such Securities be represented by one or more Global Securities shall no longer be effective and the Company and, if applicable, the Guarantors will execute and the Trustee, upon receipt of a Company Order for the authentication and delivery of Definitive Securities of such series, will authenticate and deliver, Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of such series in definitive registered form without coupons, in any authorized denominations, in an aggregate principal amount equal to the principal amount of the Global Security or Securities representing such Securities in exchange for such Global Security or Securities registered in the names of such Persons as the Depositary shall direct.

The Company may at any time and in its sole discretion determine that the Securities of any series issued in the form of one or more Global Securities shall no longer be represented by a Global Security or Securities. In such event, the Company and, if applicable, the Guarantors will execute and the Trustee, upon receipt of a Company Order for the authentication and delivery of the Definitive Securities of such series, will authenticate and deliver, Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of such series in definitive registered form without coupons, in any authorized denominations, in an aggregate principal amount equal to the principal amount of the Global Security or Securities representing such Securities in exchange for such Global Security or Securities registered in the names of such Persons as the Depositary shall direct.

If specified by the Company pursuant to Section 3.1 with respect to Securities represented by a Global Security, the Depositary for such Global Security may surrender such Global Security in exchange in whole or in part for Securities of the same series and tenor in definitive registered form on such terms as are acceptable to the Company and such Depositary. Thereupon, the Company and, if applicable, the Guarantors shall execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of Securities in definitive registered form, shall authenticate and deliver, without service charge,

(a) to the Person specified by such Depositary a new Security or Securities, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and tenor, of any authorized denominations as requested by such Person, in an aggregate principal amount equal to and in exchange for such Person's beneficial interest in the Global Security; and

(b) to such Depositary a new Global Security, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, in a denomination equal to the difference, if any, between the principal amount of the surrendered Global Security and the aggregate principal amount of Securities authenticated and delivered pursuant to clause (a) above.

Every Person who takes or holds any beneficial interest in a Global Security agrees that:

(a) the Company, the Guarantors (if applicable) and the Trustee may deal with the Depository as sole owner of the Global Security and as the authorized representative of such Person;

(b) such Person's rights in the Global Security shall be exercised only through the Depository and shall be limited to those established by law and agreement between such Person and the Depository and/or direct and indirect participants of the Depository;

(c) the Depository and its participants make book-entry transfers of beneficial ownership among, and receive and transmit distributions of principal and interest on the Global Securities to, such Persons in accordance with their own procedures; and

(d) none of the Company, the Guarantors (if applicable), the Trustee, nor any agent of any of them will have any responsibility or liability for any aspect of the records relating to or payments made on account of beneficial ownership interests of a Global Security or for maintaining, supervising or reviewing any records relating to such beneficial ownership interests.

Section 3.6. Mutilated, Destroyed, Lost and Stolen Securities.

If any mutilated Security is surrendered to the Trustee, together with, in proper cases, such security or indemnity as may be required by the Company, the Guarantors (if applicable) or the Trustee to save each of them and any agent of any of them harmless, the Company shall execute and the Trustee shall authenticate and deliver in exchange therefor a new Security, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

If there shall be delivered to the Company, the Guarantors (if applicable) and the Trustee (a) evidence to their satisfaction of the destruction, loss or theft of any Security and (b) such security or indemnity as may be required by them to save each of them and any agent of either of them harmless, then, in the absence of notice to the Company or the Trustee that such Security has been acquired by a bona fide purchaser, the Company and, if applicable, the Guarantors shall execute and upon its request the Trustee shall authenticate and deliver, in lieu of any such destroyed, lost or stolen Security, a new Security, with an endorsement of the Guarantee, if applicable, executed by the Guarantors, of the same series and of like tenor and principal amount and bearing a number not contemporaneously outstanding.

In case any such mutilated, destroyed, lost or stolen Security has become or is about to become due and payable, the Company in its discretion may, instead of issuing a new Security, pay such Security.

Upon the issuance of any new Security under this Section, the Company may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the fees and expenses of the Trustee) connected therewith.

Every new Security of any series issued pursuant to this Section in lieu of any destroyed, lost or stolen Security shall constitute an original additional contractual obligation of the Company and, if applicable, the Guarantors, regardless of whether the destroyed, lost or stolen Security shall be at any time enforceable by anyone, and shall be entitled to all the benefits of this Indenture equally and proportionately with any and all other Securities of that series duly issued hereunder.

The provisions of this Section are exclusive and shall preclude (to the extent lawful) all other rights and remedies with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities.

Section 3.7. Payment of Interest; Interest Rights Preserved.

Except as otherwise provided as contemplated by Section 3.1 with respect to any series of Securities, interest on any Security which is payable, and is punctually paid or duly provided for, on any Interest Payment Date shall be paid to the Person in whose name that Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest.

Any interest on any Security of any series which is payable, but is not punctually paid or duly provided for, on any Interest Payment Date (herein called "Defaulted Interest") shall forthwith cease to be payable to the Holder on the relevant Regular Record Date by virtue of having been such Holder, and such Defaulted Interest may be paid by the Company, at its election in each case, as provided in clause (a) or (b) below:

(a) The Company may elect to make payment of any Defaulted Interest to the Persons in whose names the Securities of such series (or their respective Predecessor Securities) are registered at the close of business on a Special Record Date for the payment of such Defaulted Interest, which shall be fixed in the following manner. The Company shall notify the Trustee in writing of the amount of Defaulted Interest proposed to be paid on each Security of such series and the date of the proposed payment, and at the same time the Company shall deposit with the Trustee an amount of money equal to the aggregate amount proposed to be paid in respect of such Defaulted Interest or shall make arrangements satisfactory to the Trustee for such deposit prior to the date of the proposed payment, such money when deposited to be held in trust for the benefit of the Persons entitled to such Defaulted Interest as in this clause provided. Thereupon, the Trustee shall fix a Special Record Date for the payment of such Defaulted Interest which shall be not more than 15 days and not less than 10 days prior to the date of the proposed payment and not less than 10 days after the receipt by the Trustee of the notice of the proposed payment. The Trustee shall promptly notify the Company of such Special Record Date and, in the name and at the expense of the Company, shall cause notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor to be mailed, first-class postage prepaid, to each Holder of Securities of such series at his address as it appears in the Security Register, not less than 10 days prior to such Special Record Date. Notice of the proposed payment of such Defaulted Interest and the Special Record Date therefor having been so mailed, such Defaulted Interest shall be paid to the Persons in whose names the Securities of such series (or their respective Predecessor Securities) are registered at the close of business on such Special Record Date and shall no longer be payable pursuant to the following clause (b).

(b) The Company may make payment of any Defaulted Interest on the Securities of any series in any other lawful manner not inconsistent with the requirements of any securities exchange on which such Securities may be listed, and upon such notice as may be required by such exchange, if, after notice given by the Company to the Trustee of the proposed payment pursuant to this clause, such manner of payment shall be deemed practicable by the Trustee.

Subject to the foregoing provisions of this Section, each Security delivered under this Indenture upon registration of transfer of or in exchange for or in lieu of any other Security shall carry the rights to interest accrued and unpaid, and to accrue, which were carried by such other Security.

Section 3.8. Persons Deemed Owners.

Except as otherwise provided as contemplated by Section 3.1 with respect to any series of Securities, prior to due presentment of a Security for registration of transfer, the Company, the Trustee and, if applicable, the Guarantors and any agent thereof may treat the Person in whose name such Security is registered as the owner of such Security for the purpose of receiving payment of principal of and any premium and (subject to Section 3.5 and Section 3.7) any interest on such Security and for all other purposes whatsoever, regardless of whether such Security be overdue, and none of the Company, the Trustee nor, if applicable, the Guarantors nor any agent of any of them shall be affected by notice to the contrary.

No holder of any beneficial interest in any Global Security held on its behalf by a Depositary shall have any rights under this Indenture with respect to such Global Security, and such Depositary may be treated by the Company, the Trustee, and, if applicable, the Guarantors and any agent of thereof as the owner of such Global Security for all purposes whatsoever.

Section 3.9. Cancellation.

All Securities surrendered for payment, redemption, registration of transfer or exchange or for credit against any sinking fund payment shall, if surrendered to any Person other than the Trustee, be delivered to the Trustee and shall be promptly canceled by it. The Company may at any time deliver to the Trustee for cancellation any Securities previously authenticated and delivered hereunder which the Company may have acquired in any manner whatsoever, and may deliver to the Trustee (or to any other Person for delivery to the Trustee) for cancellation any Securities previously authenticated hereunder which the Company has not issued and sold, and all Securities so delivered shall be promptly canceled by the Trustee. No Securities shall be authenticated in lieu of or in exchange for any Securities canceled as provided in this Section, except as expressly permitted by this Indenture. All canceled Securities held by the Trustee shall be disposed of in accordance with its customary practices, and the Trustee shall thereafter deliver to the Company a certificate with respect to such disposition.

Section 3.10. Computation of Interest.

Except as otherwise specified as contemplated by Section 3.1 for Securities of any series, interest on the Securities of each series shall be computed on the basis of a year of twelve 30-day months.

Section 3.11. CUSIP or CINS Numbers.

The Company in issuing the Securities may use "CUSIP" or "CINS" numbers (if then generally in use, and in addition to the other identification numbers printed on the Securities), and, if so, the Trustee shall use "CUSIP" or "CINS" numbers in notices of redemption as a convenience to Holders; *provided, however*, that any such notice may state that no representation is made as to the correctness of such "CUSIP" or "CINS" numbers either as printed on the Securities or as contained in any notice of a redemption and that reliance may be placed only on the other identification numbers printed on the Securities, and any such redemption shall not be affected by any defect in or omission of such "CUSIP" or "CINS" numbers.

ARTICLE FOUR
SATISFACTION AND DISCHARGE

Section 4.1. Satisfaction and Discharge of Indenture.

This Indenture shall cease to be of further effect with respect to the Securities of any series (except as to any surviving rights of registration of transfer or exchange of Securities herein expressly provided for), and the Trustee, upon Company Request and at the expense of the Company, shall execute proper instruments acknowledging satisfaction and discharge of this Indenture with respect to such Securities, when:

(a) either

(i) all such Securities theretofore authenticated and delivered (other than (A) such Securities which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 3.6, and (B) such Securities for whose payment money has theretofore been deposited in trust or segregated and held in trust by the Company and thereafter repaid to the Company or discharged from such trust, as provided in Section 10.3) have been delivered to the Trustee for cancellation; or

(ii) all such Securities not theretofore delivered to the Trustee for cancellation

(A) have become due and payable, or

(B) will become due and payable at their Stated Maturity within one year, or

(C) are to be called for redemption within one year under arrangements satisfactory to the Trustee for the giving of notice of redemption by the Trustee in the name, and at the expense, of the Company,

and the Company, in the case of (A), (B) or (C) above, has deposited or caused to be deposited with the Trustee as trust funds in trust for such purpose an amount sufficient to pay and discharge the entire indebtedness on such Securities not theretofore delivered to the Trustee for cancellation, for principal (and premium, if any) and interest to the date of such deposit (in the case of Securities which have become due and payable) or to the Stated Maturity or Redemption Date, as the case may be;

(b) the Company has paid or caused to be paid all other sums payable hereunder by the Company with respect to such Securities; and

(c) the Company has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent herein provided for relating to the satisfaction and discharge of this Indenture with respect to such Securities have been complied with.

Notwithstanding the satisfaction and discharge of this Indenture with respect to the Securities of any series, (x) the obligations of the Company to the Trustee under Section 6.7, the obligations of the Trustee to any Authenticating Agent under Section 6.14 and the right of the Trustee to resign under Section 6.10 shall survive, and (y) if money shall have been deposited with the Trustee pursuant to clause (a) of this Section, the obligations of the Company and the Trustee under Section 4.2, Section 6.6 and Section 10.2 and the last paragraph of Section 10.3 shall survive.

Section 4.2. Application of Trust Money.

Subject to the provisions of the last paragraph of Section 10.3, all money deposited with the Trustee pursuant to Section 4.1 shall be held in trust and applied by it, in accordance with the provisions of the Securities and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as its own Paying Agent) as the Trustee may determine, to the Persons entitled thereto, of the principal and any premium and interest for whose payment such money has been deposited with the Trustee.

ARTICLE FIVE
REMEDIES

Section 5.1. Events of Default.

“Event of Default”, wherever used herein with respect to Securities of any series, means any one of the following events (whatever the reason for such Event of Default and whether it shall be voluntary or involuntary or be effected by operation of law or pursuant to any judgment, decree or order of any court or any order, rule or regulation of any administrative or governmental body):

(a) default in the payment of any interest upon any Security of that series when it becomes due and payable, and continuance of such default for a period of 30 days (regardless of whether such payment is prohibited by the provisions of Article Fifteen hereof); or

(b) default in the payment of the principal of (or premium, if any, on) any Security of that series at its Maturity (regardless of whether such payment is prohibited by the provisions of Article Fifteen hereof); or

(c) default in the performance, or breach, of any covenant set forth in Article Ten in this Indenture (other than a covenant a default in whose performance or whose breach is elsewhere in this Section specifically dealt with or which has expressly been included in this Indenture solely for the benefit of series of Securities other than that series), and continuance of such default or breach for a period of 90 days after there has been given, by registered or certified mail, to the Company by the Trustee or to the Company and the Trustee by the Holders of at least 25% in principal amount of the Outstanding Securities of that series a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a “Notice of Default” hereunder; or

(d) default in the performance, or breach, of any covenant in this Indenture (other than a covenant in Article Ten or any other covenant a default in whose performance or whose breach is elsewhere in this Section specifically dealt with or which has expressly been included in this Indenture solely for the benefit of series of Securities other than that series), and continuance of such default or breach for a period of 180 days after there has been given, by registered or certified mail, to the Company by the Trustee or to the Company and the Trustee by the Holders of at least 25% in principal amount of the Outstanding Securities of that series a written notice specifying such default or breach and requiring it to be remedied and stating that such notice is a “Notice of Default” hereunder; or

(e) the Company pursuant to or within the meaning of any Bankruptcy Law (i) commences a voluntary case, (ii) consents to the entry of any order for relief against it in an involuntary case, (iii) consents to the appointment of a Custodian of it or for all or substantially all of its property, or (iv) makes a general assignment for the benefit of its creditors; or

(f) a court of competent jurisdiction enters an order or decree under any Bankruptcy Law that (i) is for relief against the Company in an involuntary case, (ii) appoints a Custodian of the Company or for all or substantially all of its property, or (iii) orders the liquidation of the Company; and the order or decree remains unstayed and in effect for 60 consecutive days; or

(g) default in the deposit of any sinking fund payment when due; or

(h) any other Event of Default provided with respect to Securities of that series in accordance with Section 3.1.

Section 5.2. Acceleration of Maturity; Rescission and Annulment.

If an Event of Default with respect to Securities of any series at the time Outstanding occurs and is continuing, then in every such case the Trustee or the Holders of a specified percentage in aggregate principal amount of the Outstanding Securities of that series may declare the principal amount (or, if the Securities of that series are Original Issue Discount Securities, such portion of the principal amount as may be specified in the terms of that series) of all of the Securities of that series to be due and payable immediately, by a notice in writing to the Company (and to the Trustee if given by Holders), and upon any such declaration such principal amount (or specified amount) shall become immediately due and payable. Notwithstanding the foregoing, if an Event of Default specified in clause (e) or (f) of Section 5.1 occurs, the Securities of any series at the time Outstanding shall be due and payable immediately without further action or notice.

At any time after such a declaration of acceleration with respect to Securities of any series has been made and before a judgment or decree for payment of the money due has been obtained by the Trustee as hereinafter in this Article Five provided, the Holders of a majority in principal amount of the Outstanding Securities of that series, by written notice to the Company and the Trustee, may rescind and annul such declaration and its consequences if:

(a) the Company or, if applicable, one or more of the Guarantors has paid or deposited with the Trustee a sum sufficient to pay:

(i) all overdue interest on all Securities of that series,

(ii) the principal of (and premium, if any, on) any Securities of that series which have become due otherwise than by such declaration of acceleration and any interest thereon at the rate or rates prescribed therefor in such Securities,

(iii) to the extent that payment of such interest is lawful, interest upon overdue interest at the rate or rates prescribed therefor in such Securities, and

(iv) all sums paid or advanced by the Trustee hereunder and the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel; and

(b) all Events of Default with respect to Securities of that series, other than the non-payment of the principal of Securities of that series which have become due solely by such declaration of acceleration, have been cured or waived as provided in Section 5.13.

No such rescission shall affect any subsequent default or impair any right consequent thereon.

Section 5.3. Collection of Debt and Suits for Enforcement by Trustee.

The Company covenants that if:

(a) default is made in the payment of any installment of interest on any Security when such interest becomes due and payable and such default continues for a period of 60 days (regardless of whether such payment is prohibited by the provisions of Article Fifteen hereof), or

(b) default is made in the payment of the principal of (or premium, if any, on) any Security at the Maturity thereof (regardless of whether such payment is prohibited by the provisions of Article Fifteen hereof),

the Company will, upon demand of the Trustee, pay to it, for the benefit of the Holders of such Securities, the whole amount then due and payable on such Securities for principal and any premium and interest and, to the extent that payment of such interest shall be legally enforceable, interest on any overdue principal and any premium and on any overdue interest, at the rate or rates prescribed therefor in such Securities, and, in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, including the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel.

If the Company fails to pay such amounts forthwith upon such demand, the Trustee, in its own name and as trustee of an express trust, may institute a judicial proceeding for the collection of the sums so due and unpaid, may prosecute such proceeding to judgment or final decree and may enforce the same against the Company or, if applicable, the Guarantors or any other obligor upon such Securities and collect the moneys adjudged or decreed to be payable in the manner provided by law out of the property of the Company or, if applicable, the Guarantors or any other obligor upon such Securities, wherever situated.

If an Event of Default with respect to Securities of any series occurs and is continuing, the Trustee may in its discretion proceed to protect and enforce its rights and the rights of the Holders of Securities of such series by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any such rights, whether for the specific enforcement of any covenant or agreement in this Indenture or in aid of the exercise of any power granted herein, or to enforce any other proper remedy.

Section 5.4. Trustee May File Proofs of Claim.

In case of the pendency of any receivership, insolvency, liquidation, bankruptcy, reorganization, arrangement, adjustment, composition or other judicial proceeding relative to the Company or, if applicable, any Guarantor or any other obligor upon the Securities, their property or their creditors, the Trustee (irrespective of whether the principal of the Securities shall then be due and payable as therein expressed or by declaration or otherwise and irrespective of whether the Trustee shall have made any demand on the Company or, if applicable, the Guarantors for the payment of overdue principal or interest) shall be entitled and empowered, by intervention in such proceeding or otherwise,

(a) to file and prove a claim for the whole amount of principal (and premium, if any) and interest owing and unpaid in respect of the Securities and to file such other papers or documents as may be necessary or advisable in order to have the claims of the Trustee (including any claim for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel) and of the Holders allowed in such judicial proceeding, and

(b) to collect and receive any moneys or other property payable or deliverable on any such claims and to distribute the same;

and any custodian, receiver, assignee, trustee, liquidator, sequestrator or other similar official in any such judicial proceeding is hereby authorized by each Holder to make such payments to the Trustee and, if the Trustee shall consent to the making of such payments directly to the Holders, to pay to the Trustee any amount due it for the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, and any other amounts due the Trustee under Section 6.7.

No provision of this Indenture shall be deemed to authorize the Trustee to authorize or consent to or accept or adopt on behalf of any Holder any plan of reorganization, compromise, arrangement, adjustment or composition affecting the Securities or, if applicable, the Guarantee or the rights of any Holder thereof or to authorize the Trustee to vote in respect of the claim of any Holder in any such proceeding; *provided, however*, that the Trustee may, on behalf of the Holders, vote for the election of a trustee in bankruptcy or similar official and be a member of a creditors' or other similar committee.

Section 5.5. Trustee May Enforce Claims Without Possession of Securities.

All rights of action and claims under this Indenture or the Securities may be prosecuted and enforced by the Trustee without the possession of any of the Securities or the production thereof in any proceeding relating thereto, and any such proceeding instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall, after provision for the payment of the reasonable compensation, expenses, disbursements and advances of the Trustee, its agents and counsel, be for the ratable benefit of the Holders of the Securities in respect of which such judgment has been recovered.

Section 5.6. Application of Money Collected.

Any money collected by the Trustee pursuant to this Article Five shall be applied in the following order, at the date or dates fixed by the Trustee and, in case of the distribution of such money on account of principal or any premium or interest, upon presentation of the Securities and the notation thereon of the payment if only partially paid and upon surrender thereof if fully paid:

FIRST: To the payment of all amounts due the Trustee under Section 6.7;

SECOND: Subject to Article Fifteen, to the payment of the amounts then due and unpaid for principal of and any premium and interest on the Securities in respect of which or for the benefit of which such money has been collected, ratably, without preference or priority of any kind, according to the amounts due and payable on such Securities for principal and any premium and interest, respectively; and

THIRD: The balance, if any, to the Company.

Section 5.7. Limitation on Suits.

No Holder of any Security of any series shall have any right to institute any proceeding, judicial or otherwise, with respect to this Indenture (including, if applicable, the Guarantee), or for the appointment of a receiver or trustee, or for any other remedy hereunder, unless:

- (a) such Holder has previously given written notice to the Trustee of a continuing Event of Default with respect to the Securities of that series;
- (b) the Holders of not less than 25% in principal amount of the Outstanding Securities of that series shall have made written request to the Trustee to institute proceedings in respect of such Event of Default in its own name as Trustee hereunder;
- (c) such Holder or Holders have offered to the Trustee reasonable indemnity against the costs, expenses and liabilities to be incurred in compliance with such request;
- (d) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity has failed to institute any such proceeding; and
- (e) no direction inconsistent with such written request has been given to the Trustee during such 60-day period by the Holders of a majority in principal amount of the Outstanding Securities of that series;

it being understood and intended that no one or more of such Holders shall have any right in any manner whatever by virtue of, or by availing of, any provision of this Indenture to affect, disturb or prejudice the rights of any other of such Holders, or to obtain or to seek to obtain priority or preference over any other of such Holders or to enforce any right under this Indenture, except in the manner herein provided and for the equal and ratable benefit of all such Holders.

Section 5.8. Unconditional Right of Holders to Receive Principal, Premium and Interest.

Notwithstanding any other provision in this Indenture, the Holder of any Security shall have the right, which is absolute and unconditional, to receive payment of the principal of and any premium and (subject to Section 3.5 and Section 3.7) interest on such Security on the Stated Maturity or Maturities expressed in such Security (or, in the case of redemption, on the Redemption Date) and to institute suit for the enforcement of any such payment, and such rights shall not be impaired without the consent of such Holder.

Section 5.9. Restoration of Rights and Remedies.

If the Trustee or any Holder has instituted any proceeding to enforce any right or remedy under this Indenture and such proceeding has been discontinued or abandoned for any reason, or has been determined adversely to the Trustee or to such Holder, then and in every such case, subject to any determination in such proceeding, the Company, the Guarantors, the Trustee and the Holders shall be restored severally and respectively to their former positions hereunder and thereafter all rights and remedies of the Trustee and the Holders shall continue as though no such proceeding had been instituted.

Section 5.10. Rights and Remedies Cumulative.

Except as otherwise provided with respect to the replacement or payment of mutilated, destroyed, lost or stolen Securities in the last paragraph of Section 3.6, no right or remedy herein conferred upon or

reserved to the Trustee or to the Holders is intended to be exclusive of any other right or remedy, and every right and remedy shall, to the extent permitted by law, be cumulative and in addition to every other right and remedy given hereunder or now or hereafter existing at law or in equity or otherwise. The assertion or employment of any right or remedy hereunder, or otherwise, shall not prevent the concurrent assertion or employment of any other appropriate right or remedy.

Section 5.11. Delay or Omission Not Waiver.

To fullest extent permitted by applicable law, no delay or omission of the Trustee or of any Holder of any Securities to exercise any right or remedy accruing upon any Event of Default shall impair any such right or remedy or constitute a waiver of any such Event of Default or an acquiescence therein. Every right and remedy given by this Article Five or by law to the Trustee or to the Holders may be exercised from time to time, and as often as may be deemed expedient, by the Trustee or by the Holders, as the case may be.

Section 5.12. Control by Holders.

The Holders of not less than a majority in principal amount of the Outstanding Securities of any series shall have the right to direct the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred on the Trustee, with respect to the Securities of such series; *provided, however*, that:

- (a) such direction shall not be in conflict with any rule of law or with this Indenture;
- (b) the Trustee may take any other action deemed proper by the Trustee which is not inconsistent with such direction; and
- (c) subject to the provisions of Section 6.1, the Trustee shall have the right to decline to follow any such direction if the Trustee in good faith shall determine that the proceeding so directed would involve the Trustee in personal liability.

Section 5.13. Waiver of Past Defaults.

The Holders of not less than a majority in principal amount of the Outstanding Securities of any series may on behalf of the Holders of all the Securities of such series waive any past default hereunder with respect to such series and its consequences, except:

- (a) a continuing default in the payment of the principal of or any premium or interest on any Security of such series, or
- (b) a default in respect of a covenant or provision hereof which under Article Nine cannot be modified or amended without the consent of the Holder of each Outstanding Security of such series affected.

Upon any such waiver, such default shall cease to exist, and any Event of Default arising therefrom shall be deemed to have been cured, for every purpose of this Indenture, but no such waiver shall extend to any subsequent or other default or impair any right consequent thereon.

Section 5.14. Undertaking for Costs.

All parties to this Indenture agree, and each Holder of any Security by his acceptance thereof shall be deemed to have agreed, that any court may in its discretion require, in any suit for the enforcement of any right or remedy under this Indenture, or in any suit against the Trustee for any action taken, suffered or omitted by it as Trustee, the filing by any party litigant, other than the Trustee, in such suit of an undertaking to pay the costs of such suit, and that such court may in its discretion assess reasonable costs, including reasonable attorneys' fees, against any party litigant in such suit, having due regard to the merits and good faith of the claims or defenses made by such party litigant; but the provisions of this Section 5.14 shall not apply to any suit instituted by the Company, to any suit instituted by the Trustee, to any suit instituted by any Holder, or group of Holders, holding in the aggregate more than 10% in principal amount of the Outstanding Securities of any series, or to any suit instituted by any Holder for the enforcement of the payment of the principal of (or premium, if any) or interest on any Security on or after the Stated Maturity or Maturities expressed in such Security (or, in the case of redemption, on or after the Redemption Date).

Section 5.15. Waiver of Stay or Extension Laws.

Each of the Company and the Guarantors covenants (to the extent that it may lawfully do so) that it will not at any time insist upon, or plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay or extension law wherever enacted, now or at any time hereafter in force, which may affect the covenants or the performance of this Indenture; and each of the Company and the Guarantors (to the extent that it may lawfully do so) hereby expressly waives all benefit or advantage of any such law and covenants that it will not hinder, delay or impede the execution of any power herein granted to the Trustee, but will suffer and permit the execution of every such power as though no such law had been enacted.

ARTICLE SIX
THE TRUSTEE

Section 6.1. Certain Duties and Responsibilities.

(a) Except during the continuance of an Event of Default,

(i) the Trustee undertakes to perform such duties and only such duties as are specifically set forth in this Indenture and as are provided by the Trust Indenture Act, and, except for implied covenants or obligations under the Trust Indenture Act, no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on its part, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such certificates or opinions which by any provision hereof are specifically required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine regardless of whether they conform to the requirements of this Indenture.

(b) In case an Event of Default has occurred and is continuing, the Trustee shall exercise such of the rights and powers vested in it by this Indenture, and use the same degree of care and skill in their exercise, as a prudent man would exercise or use under the circumstances in the conduct of his own affairs.

(c) No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligent action, its own negligent failure to act, or its own willful misconduct, except that

(i) this Subsection shall not be construed to limit the effect of Subsection (a) of this Section;

(ii) the Trustee shall not be liable for any error of judgment made in good faith by a Responsible Officer, unless it shall be proved that the Trustee was negligent in ascertaining the pertinent facts;

(iii) the Trustee shall not be liable with respect to any action taken or omitted to be taken by it in good faith in accordance with the direction of the Holders of a majority in principal amount of the Outstanding Securities of any series, given pursuant to Section 5.12, relating to the time, method and place of conducting any proceeding for any remedy available to the Trustee, or exercising any trust or power conferred upon the Trustee, under this Indenture with respect to the Securities of such series; and

(iv) no provision of this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur any financial liability in the performance of any of its duties hereunder, or in the exercise of any of its rights or powers, if it shall have reasonable grounds for believing that repayment of such funds or adequate indemnity against such risk or liability is not reasonably assured to it.

(d) Regardless of whether therein expressly so provided, every provision of this Indenture relating to the conduct or affecting the liability of or affording protection to the Trustee shall be subject to the provisions of this Section.

Section 6.2. Notice of Defaults.

Within 90 days after the occurrence of any Default hereunder with respect to the Securities of any series, the Trustee shall transmit by mail to all Holders of Securities of such series, as their names and addresses appear in the Security Register, notice of such Default hereunder known to the Trustee, unless such Default shall have been cured or waived; *provided, however*, that, except in the case of a Default in the payment of the principal of or any premium or interest on any Security of such series or in the payment of any sinking fund installment with respect to Securities of such series, the Trustee shall be protected in withholding such notice if and so long as the board of directors, the executive committee or a trust committee of directors and/or Responsible Officers of the Trustee in good faith determine that the withholding of such notice is in the interest of the Holders of Securities of such series; and, *provided, further*, that in the case of any Default of the character specified in Section 5.1(c) with respect to Securities of such series, no such notice to Holders shall be given until at least 90 days after the occurrence thereof and that in the case of any Default of the character specified in Section 5.1(d) with respect to Securities of such series, no such notice to Holders shall be given until at least 180 days after the occurrence thereof.

Section 6.3. Certain Rights of Trustee.

Subject to the provisions of Section 6.1:

(a) the Trustee may conclusively rely and shall be fully protected in acting or refraining from acting upon any resolution, certificate, statement, instrument, opinion, report,

notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document believed by it to be genuine and to have been signed or presented by the proper party or parties;

(b) any request or direction of the Company or a Guarantor mentioned herein shall be sufficiently evidenced by a Company Request or Company Order (other than delivery of any Security to the Trustee for authentication and delivery pursuant to Section 3.3, which shall be sufficiently evidenced as provided therein) and any resolution of the Board of Directors may be sufficiently evidenced by a Board Resolution;

(c) whenever in the administration of this Indenture the Trustee shall deem it desirable that a matter be proved or established prior to taking, suffering or omitting any action hereunder, the Trustee (unless other evidence be herein specifically prescribed) shall be entitled to receive and may, in the absence of bad faith on its part, rely upon an Officer's Certificate;

(d) the Trustee may consult with counsel and the advice of such counsel or any Opinion of Counsel shall be full and complete authorization and protection in respect of any action taken, suffered or omitted by it hereunder in good faith and in reliance thereon;

(e) the Trustee shall be under no obligation to exercise any of the rights or powers vested in it by this Indenture at the request or direction of any of the Holders pursuant to this Indenture, unless such Holders shall have offered to the Trustee reasonable security or indemnity against the costs, expenses and liabilities which might be incurred by it in compliance with such request or direction;

(f) the Trustee shall not be bound to make any investigation into the facts or matters stated in any resolution, certificate, statement, instrument, opinion, report, notice, request, direction, consent, order, bond, debenture, note, other evidence of indebtedness or other paper or document, but the Trustee, in its discretion, may make such further inquiry or investigation into such facts or matters as it may see fit, and, if the Trustee shall determine to make such further inquiry or investigation, it shall be entitled to examine the books, records and premises of the Company, personally or by agent or attorney;

(g) the Trustee may execute any of the trusts or powers hereunder or perform any duties hereunder either directly or by or through agents or attorneys and the Trustee shall not be responsible for any misconduct or negligence on the part of any agent or attorney appointed with due care by it hereunder and shall not be responsible for the supervision of officers and employees of such agents or attorneys;

(h) the Trustee may request that the Company and, if applicable, the Guarantors deliver an Officer's Certificate setting forth the names of individuals and/or titles of officers authorized at such time to take specified actions pursuant to this Indenture, which Officer's Certificate may be signed by any person authorized to sign an Officer's Certificate, including any person specified as so authorized in any such certificate previously delivered and not superseded; and

(i) the Trustee shall be entitled to the rights and protections afforded to the Trustee pursuant to this Article Six in acting as a Paying Agent or Security Registrar hereunder.

Section 6.4. Not Responsible for Recitals or Issuance of Securities.

The recitals contained herein and in the Securities, except the Trustee's certificates of authentication, shall be taken as the statements of the Company or, if applicable, the Guarantors, and the Trustee or any Authenticating Agent assumes no responsibility for their correctness. Neither the Trustee nor any Authenticating Agent makes any representations as to the validity or sufficiency of this Indenture or of the Securities. The Trustee or any Authenticating Agent shall not be accountable for the use or application by the Company of Securities or the proceeds thereof.

Section 6.5. May Hold Securities.

The Trustee, any Authenticating Agent, any Paying Agent, any Security Registrar or any other agent of the Company or, if applicable, any Guarantor, in its individual or any other capacity, may become the owner or pledgee of Securities and, subject to Sections 310(b) and 311 of the Trust Indenture Act and Section 6.8, Section 6.9 and Section 6.13, may otherwise deal with the Company or, if applicable, the Guarantors with the same rights it would have if it were not Trustee, Authenticating Agent, Paying Agent, Security Registrar or such other agent.

Section 6.6. Money Held in Trust.

Money held by the Trustee in trust hereunder need not be segregated from other funds except to the extent required by law. The Trustee shall be under no liability for interest on any money received by it hereunder except as otherwise agreed in writing with the Company or, if applicable, one or more of the Guarantors.

Section 6.7. Compensation and Reimbursement.

The Company agrees:

(a) to pay to the Trustee from time to time reasonable compensation for all services rendered by it hereunder (which compensation shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust);

(b) except as otherwise expressly provided herein, to reimburse the Trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by the Trustee in accordance with any provision of this Indenture (including the reasonable compensation and the expenses and disbursements of its agents and counsel), except any such expense, disbursement or advance as may be attributable to its negligence or bad faith; and

(c) to indemnify each of the Trustee and its officers, directors, agents and employees for, and to hold it harmless against, any loss, liability or expense incurred without negligence or willful misconduct on its part, arising out of or in connection with the acceptance or administration of the trust or trusts hereunder, including the costs and expenses of defending itself against any claim or liability in connection with the exercise or performance of any of its powers or duties hereunder.

As security for the performance of the obligations of the Company under this Section the Trustee shall have a lien prior to the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the payment of principal of (and premium, if any) or interest on particular Securities.

Without limiting any rights available to the Trustee under applicable law, when the Trustee incurs expenses or renders services in connection with an Event of Default specified in Section 5.1(e) or Section 5.1(f), the expenses (including the reasonable charges and expenses of its counsel) and the compensation for the services of the Trustee are intended to constitute expenses of administration under any applicable Bankruptcy Law.

The provisions of this Section 6.7 shall survive the satisfaction and discharge of this Indenture and the defeasance of the Securities.

Section 6.8. Disqualification; Conflicting Interests.

Reference is made to Section 310(b) of the Trust Indenture Act. There shall be excluded from the operation of Section 310(b)(1) of the Trust Indenture Act this Indenture with respect to the Securities of more than one series.

Section 6.9. Corporate Trustee Required; Eligibility.

There shall at all times be a Trustee hereunder which shall be a corporation organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus required by the Trust Indenture Act, subject to supervision or examination by Federal or State authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such corporation shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. The Trustee shall not be an obligor upon the Securities or an Affiliate thereof. If at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, it shall resign immediately in the manner and with the effect hereinafter specified in this Article Six.

Section 6.10. Resignation and Removal; Appointment of Successor.

(a) No resignation or removal of the Trustee and no appointment of a successor Trustee pursuant to this Article shall become effective until the acceptance of appointment by the successor Trustee in accordance with the applicable requirements of Section 6.11.

(b) The Trustee may resign at any time with respect to the Securities of one or more series by giving written notice thereof to the Company. If the instrument of acceptance by a successor Trustee required by Section 6.11 shall not have been delivered to the Trustee within 30 days after the giving of such notice of resignation, the resigning Trustee may petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(c) The Trustee may be removed at any time with respect to the Securities of any series by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series, delivered to the Trustee and to the Company.

(d) If at any time:

(i) the Trustee shall fail to comply with Section 310(b) of the Trust Indenture Act after written request therefor by the Company or by any Holder who has been a bona fide Holder of a Security for at least six months, or

(ii) the Trustee shall cease to be eligible under Section 6.9 and shall fail to resign after written request therefor by the Company or by any such Holder, or

(iii) the Trustee shall become incapable of acting or shall be adjudged a bankrupt or insolvent or a receiver of the Trustee or of its property shall be appointed or any public officer shall take charge or control of the Trustee or of its property or affairs for the purpose of rehabilitation, conservation or liquidation, then, in any such case, (A) the Company by a Board Resolution may remove the Trustee with respect to all Securities, or (B) subject to Section 5.14, any Holder who has been a bona fide Holder of a Security for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the removal of the Trustee with respect to all Securities and the appointment of a successor Trustee or Trustees.

(e) If the Trustee shall resign, be removed or become incapable of acting, or if a vacancy shall occur in the office of Trustee for any cause, with respect to the Securities of one or more series, the Company, by a Board Resolution, shall promptly appoint a successor Trustee or Trustees with respect to the Securities of that or those series (it being understood that any such successor Trustee may be appointed with respect to the Securities of one or more or all of such series and that at any time there shall be only one Trustee with respect to the Securities of any particular series) and shall comply with the applicable requirements of Section 6.11. If, within one year after such resignation, removal or incapability, or the occurrence of such vacancy, a successor Trustee with respect to the Securities of any series shall be appointed by Act of the Holders of a majority in principal amount of the Outstanding Securities of such series delivered to the Company and the retiring Trustee, the successor Trustee so appointed shall, forthwith upon its acceptance of such appointment in accordance with the applicable requirements of Section 6.11, become the successor Trustee with respect to the Securities of such series and to that extent supersede the successor Trustee appointed by the Company. If no successor Trustee with respect to the Securities of any series shall have been so appointed by the Company or the Holders and accepted appointment in the manner required by Section 6.11, any Holder who has been a bona fide Holder of a Security of such series for at least six months may, on behalf of himself and all others similarly situated, petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(f) The Company shall give notice of each resignation and each removal of the Trustee with respect to the Securities of any series and each appointment of a successor Trustee with respect to the Securities of any series to all Holders of Securities of such series in the manner provided in Section 1.7. Each notice shall include the name of the successor Trustee with respect to the Securities of such series and the address of its Corporate Trust Office.

Section 6.11. Acceptance of Appointment by Successor.

(a) In case of the appointment hereunder of a successor Trustee with respect to all Securities, every such successor Trustee so appointed shall execute, acknowledge and deliver to the Company, the Guarantors (if applicable) and to the retiring Trustee an instrument accepting such appointment, and thereupon the resignation or removal of the retiring Trustee shall become effective and such successor Trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee; but, on the request of the Company or, if applicable, any Guarantor or the successor Trustee, such retiring Trustee shall, upon payment of its charges, execute and deliver an instrument transferring to such successor Trustee all the rights, powers and trusts of the retiring Trustee and shall duly assign, transfer and deliver to such successor Trustee all property and money held by such retiring Trustee hereunder.

(b) In case of the appointment hereunder of a successor Trustee with respect to the Securities of one or more (but not all) series, the Company, the Guarantors (if applicable), the retiring Trustee and each successor Trustee with respect to the Securities of one or more series shall execute and deliver an indenture supplemental hereto wherein each successor Trustee shall accept such appointment and which (i) shall contain such provisions as shall be necessary or desirable to transfer and confirm to, and to vest in, each successor Trustee all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor Trustee relates, (ii) if the retiring Trustee is not retiring with respect to all Securities, shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series as to which the retiring Trustee is not retiring shall continue to be vested in the retiring Trustee, and (iii) shall add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, it being understood that nothing herein or in such supplemental indenture shall constitute such Trustees co-trustees of the same trust and that each such Trustee shall be trustee of a trust or trusts hereunder separate and apart from any trust or trusts hereunder administered by any other such Trustee; and upon the execution and delivery of such supplemental indenture the resignation or removal of the retiring Trustee shall become effective to the extent provided therein and each such successor Trustee, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts and duties of the retiring Trustee with respect to the Securities of that or those series to which the appointment of such successor Trustee relates; but, on request of the Company, any Guarantor (if applicable) or any successor Trustee, such retiring Trustee shall duly assign, transfer and deliver to such successor Trustee all property and money held by such retiring Trustee hereunder with respect to the Securities of that or those series to which the appointment of such successor Trustee relates.

(c) Upon request of any such successor Trustee, the Company and, if applicable, the Guarantors shall execute any and all instruments for more fully and certainly vesting in and confirming to such successor Trustee all such rights, powers and trusts referred to in paragraph (a) or (b) of this Section, as the case may be.

(d) No successor Trustee shall accept its appointment unless at the time of such acceptance such successor Trustee shall be qualified and eligible under this Article and the Trust Indenture Act.

Section 6.12. Merger, Conversion, Consolidation or Succession to Business.

Any corporation into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation succeeding to all or substantially all the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, provided such corporation shall be otherwise qualified and eligible under this Article Six, without the execution or filing of any paper or any further act on the part of any of the parties hereto. In case any Securities shall have been authenticated, but not delivered, by the Trustee then in office, any successor by merger, conversion or consolidation to such authenticating Trustee may adopt such authentication and deliver the Securities so authenticated with the same effect as if such successor Trustee had itself authenticated such Securities.

Section 6.13. Preferential Collection of Claims Against Company.

Reference is made to Section 311 of the Trust Indenture Act. For purposes of Section 311(b) of the Trust Indenture Act,

(a) the term “cash transaction” means any transaction in which full payment for goods or securities sold is made within seven days after delivery of the goods or securities in currency or in checks or other orders drawn upon banks or bankers and payable upon demand;

(b) the term “self-liquidating paper” means any draft, bill of exchange, acceptance or obligation which is made, drawn, negotiated or incurred by the Company or, if applicable, any Guarantor for the purpose of financing the purchase, processing, manufacturing, shipment, storage or sale of goods, wares or merchandise and which is secured by documents evidencing title to, possession of, or a lien upon, the goods, wares or merchandise or the receivables or proceeds arising from the sale of the goods, wares or merchandise previously constituting the security, provided the security is received by the Trustee simultaneously with the creation of the creditor relationship with the Company or, if applicable, such Guarantor arising from the making, drawing, negotiating or incurring of the draft, bill of exchange, acceptance or obligation.

Section 6.14. Appointment of Authenticating Agent.

The Trustee may appoint an Authenticating Agent or Agents with respect to one or more series of Securities which shall be authorized to act on behalf of the Trustee to authenticate Securities of such series issued upon exchange, registration of transfer or partial redemption thereof or pursuant to Section 3.6, and Securities so authenticated shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee hereunder. Wherever reference is made in this Indenture to the authentication and delivery of Securities by the Trustee or the Trustee’s certificate of authentication, such reference shall be deemed to include authentication and delivery on behalf of the Trustee by an Authenticating Agent and a certificate of authentication executed on behalf of the Trustee by an Authenticating Agent. Each Authenticating Agent shall be acceptable to the Company and shall at all times be a corporation organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, authorized under such laws to act as Authenticating Agent, having a combined capital and surplus of not less than \$100,000,000 and subject to supervision or examination by Federal or State authority. If such Authenticating Agent publishes reports of condition at least annually, pursuant to law or to the requirements of said supervising or examining authority, then for the purposes of this Section, the combined capital and surplus of such Authenticating Agent shall be deemed to be its combined capital and surplus as set forth in its most recent report of condition so published. If at any time an Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, such Authenticating Agent shall resign immediately in the manner and with the effect specified in this Section.

Any corporation into which an Authenticating Agent may be merged or converted or with which it may be consolidated, or any corporation resulting from any merger, conversion or consolidation to which such Authenticating Agent shall be a party, or any corporation succeeding to all or substantially all of the corporate agency or corporate trust business of an Authenticating Agent, shall continue to be an Authenticating Agent, provided such corporation shall be otherwise eligible under this Section, without the execution or filing of any paper or any further act on the part of the Trustee or the Authenticating Agent.

An Authenticating Agent may resign at any time by giving written notice thereof to the Trustee and to the Company and, if applicable, the Guarantors. The Trustee may at any time terminate the agency of an Authenticating Agent by giving written notice thereof to such Authenticating Agent and to the Company and, if applicable, the Guarantors. Upon receiving such a notice of resignation or upon such a termination, or in case at any time such Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section, the Trustee may appoint a successor Authenticating Agent which shall be acceptable to the Company and, if applicable, the Guarantors and shall mail written notice of such

appointment by first-class mail, postage prepaid, to all Holders of Securities of the series with respect to which such Authenticating Agent will serve, as their names and addresses appear in the Security Register. Any successor Authenticating Agent upon acceptance of its appointment hereunder shall become vested with all the rights, powers and duties of its predecessor hereunder, with like effect as if originally named as an Authenticating Agent. No successor Authenticating Agent shall be appointed unless eligible under the provisions of this Section.

Except with respect to an Authenticating Agent appointed at the request of the Company or, if applicable, the Guarantors, the Trustee agrees to pay to each Authenticating Agent from time to time reasonable compensation for its services under this Section 6.14, and the Trustee shall be entitled to be reimbursed by the Company or, if applicable, the Guarantors for such payments, subject to the provisions of Section 6.7.

If an appointment with respect to one or more series is made pursuant to this Section 6.14, the Securities of such series may have endorsed thereon, in addition to the Trustee's certificate of authentication, an alternate certificate of authentication in the following form:

This is one of the Securities of the series designated therein referred to in the within-mentioned Indenture.

[_____],
As Trustee

By: _____
As Authenticating Agent

By: _____
Authorized Officer

ARTICLE SEVEN
HOLDERS' LISTS AND REPORTS BY TRUSTEE AND COMPANY

Section 7.1. Company to Furnish Trustee Names and Addresses of Holders.

The Company will furnish or cause to be furnished to the Trustee:

(a) semi-annually, not more than 15 days after each Regular Record Date for a series of Securities, a list for such series of Securities, in such form as the Trustee may reasonably require, of the names and addresses of the Holders of Securities of such series as of such Regular Record Date, and

(b) at such other times as the Trustee may request in writing, within 30 days after the receipt by the Company of any such request, a list of similar form and content as of a date not more than 15 days prior to the time such list is furnished; *provided, however*, that if and so long as the Trustee shall be the Security Registrar, no such list need be furnished with respect to such series of Securities.

Section 7.2. Preservation of Information; Communications to Holders.

(a) The Trustee shall preserve, in as current a form as is reasonably practicable, the names and addresses of Holders contained in the most recent list furnished to the Trustee as

provided in Section 7.1 and the names and addresses of Holders received by the Trustee in its capacity as Security Registrar. The Trustee may destroy any list furnished to it as provided in Section 7.1 upon receipt of a new list so furnished.

(b) If three or more Holders (herein referred to as “applicants”) apply in writing to the Trustee, and furnish to the Trustee reasonable proof that each such applicant has owned a Security for a period of at least six months preceding the date of such application, and such application states that the applicants desire to communicate with other Holders with respect to their rights under this Indenture or under the Securities and is accompanied by a copy of the form of proxy or other communication which such applicants propose to transmit, then the Trustee shall, within five business days after the receipt of such application, at its election, either

(i) afford such applicants access to the information preserved at the time by the Trustee in accordance with Section 7.2(a), or

(ii) inform such applicants as to the approximate number of Holders whose names and addresses appear in the information preserved at the time by the Trustee in accordance with Section 7.2(a), and as to the approximate cost of mailing to such Holders the form of proxy or other communication, if any, specified in such application.

If the Trustee shall elect not to afford such applicants access to such information, the Trustee shall, upon the written request of such applicants, mail to each Holder whose name and address appear in the information preserved at the time by the Trustee in accordance with Section 7.2(a) a copy of the form of proxy or other communication which is specified in such request, with reasonable promptness after a tender to the Trustee of the material to be mailed and of payment, or provision for the payment, of the reasonable expenses of mailing, unless within five days after such tender the Trustee shall mail to such applicants and file with the SEC, together with a copy of the material to be mailed, a written statement to the effect that, in the opinion of the Trustee, such mailing would be contrary to the best interest of the Holders or would be in violation of applicable law. Such written statement shall specify the basis of such opinion. If the SEC, after opportunity for a hearing upon the objections specified in the written statement so filed, shall enter an order refusing to sustain any of such objections or if, after the entry of an order sustaining one or more of such objections, the SEC shall find, after notice and opportunity for hearing, that all the objections so sustained have been met and shall enter an order so declaring, the Trustee shall mail copies of such material to all such Holders with reasonable promptness after the entry of such order and the renewal of such tender; otherwise the Trustee shall be relieved of any obligation or duty to such applicants respecting their application.

(c) Every Holder of Securities, by receiving and holding the same, agrees with the Company, the Guarantors (if applicable) and the Trustee that none of the Company, the Guarantors (if applicable) nor the Trustee nor any agent of any of them shall be held accountable by reason of the disclosure of any such information as to the names and addresses of the Holders in accordance with Section 7.2(b), regardless of the source from which such information was derived, and that the Trustee shall not be held accountable by reason of mailing any material pursuant to a request made under Section 7.2(b).

Section 7.3. Reports by Trustee.

Any Trustee's report required pursuant to Section 313(a) of the Trust Indenture Act shall be dated as of May 15, and shall be transmitted within 60 days after May 15 of each year (but in all events at intervals of not more than 12 months), commencing with the year 2003, by mail to all Holders, as their names and addresses appear in the Security Register. A copy of each such report shall, at the time of such transmission to Holders, be filed by the Trustee with each stock exchange upon which any Securities are listed, with the SEC and with the Company. The Company will notify the Trustee when any Securities are listed on any stock exchange.

Section 7.4. Reports by Company.

The Company shall:

(a) file with the Trustee, within 15 days after the Company is required to file the same with the SEC, copies of the annual reports and of the information, documents and other reports (or copies of such portions of any of the foregoing as the SEC may from time to time by rules and regulations prescribe) which the Company may be required to file with the SEC pursuant to Section 13 or Section 15(d) of the Exchange Act; or, if the Company is not required to file information, documents or reports pursuant to either of said Sections, then it shall file with the Trustee and the SEC, in accordance with rules and regulations prescribed from time to time by the SEC, such of the supplementary and periodic information, documents and reports which may be required pursuant to Section 13 of the Exchange Act in respect of a security listed and registered on a national securities exchange as may be prescribed from time to time in such rules and regulations;

(b) file with the Trustee and the SEC, in accordance with rules and regulations prescribed from time to time by the SEC, such additional information, documents and reports with respect to compliance by the Company with the conditions and covenants of this Indenture as may be required from time to time by such rules and regulations; and

(c) transmit by mail to all Holders, as their names and addresses appear in the Security Register, within 30 days after the filing thereof with the Trustee, such summaries of any information, documents and reports required to be filed by the Company pursuant to clauses (a) and (b) of this Section as may be required by rules and regulations prescribed from time to time by the SEC.

ARTICLE EIGHT
CONSOLIDATION, AMALGAMATION, MERGER AND SALE

Section 8.1. Company May Consolidate, Etc., Only on Certain Terms The Company shall not consolidate or merge with or into any other Person or sell, convey, transfer, lease or otherwise dispose of all or substantially all of the properties and assets of the Company and, if applicable, the Guarantors on a consolidated basis to any other Person unless:

(a) either: (i) the Company is the surviving corporation; or (ii) the Person formed by or surviving any such consolidation, amalgamation or merger or resulting from such conversion (if other than the Company) or to which such sale, assignment, transfer, conveyance or other disposition has been made is a corporation, limited liability company or limited partnership organized or existing under the laws of the United States, any state of the United States or the District of Columbia;

(b) the Person formed by or surviving any such conversion, consolidation, amalgamation or merger (if other than the Company) or the Person to which such sale, assignment, transfer, conveyance or other disposition has been made assumes all the obligations of the Company under the Securities and this Indenture pursuant to agreements reasonably satisfactory to the Trustee; *provided* that, unless such Person is a corporation, a corporate co-issuer of the Securities will be added to this Indenture by agreements reasonably satisfactory to the Trustee;

(c) immediately after giving effect to such transaction, no Event of Default, and no event which, after notice or lapse of time or both, would become an Event of Default, shall have occurred and be continuing; and

(d) the Company has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that such consolidation, amalgamation, merger, conveyance, sale, transfer or lease and such supplemental indenture, if any, comply with this Article Eight and that all conditions precedent herein provided for relating to such transaction have been complied with.

Section 8.2. Successor Substituted.

Upon any consolidation or merger of the Company with or into any other Person or any sale, conveyance, transfer, lease or other disposition of all or substantially all of the properties and assets of the Company and, if applicable, the Guarantors on a consolidated basis in accordance with Section 8.1, the successor or resulting Person formed by or resulting upon such consolidation or merger (if other than the Company) or to which such sale, conveyance, transfer, lease or other disposition is made shall succeed to, and be substituted for, and may exercise every right and power of, the Company under this Indenture with the same effect as if such successor Person had been named as the Company herein, and thereafter, except in the case of a lease, the predecessor Company and each of the Guarantors shall be relieved of all obligations and covenants under this Indenture and the Securities.

ARTICLE NINE
AMENDMENT, SUPPLEMENT AND WAIVER

Section 9.1. Without Consent of Holders.

The Company, the Guarantors and the Trustee may amend or supplement this indenture, the Guarantees or the Securities without the consent of any holder of a Security:

(a) to cure any ambiguity or to correct or supplement any provision herein that may be inconsistent with any other provision herein; or

(b) to evidence the succession of another Person to the Company and the assumption by any such successor of the covenants of the Company herein and, to the extent applicable, to the Securities; or

(c) to provide for uncertificated Securities in addition to or in place of certificated Securities; *provided* that the uncertificated Securities are issued in registered form for purposes of Section 163(f) of the Code, or in the manner such that the uncertificated Securities are described in Section 163(f)(2)(B) of the Code; or

(d) to add a Guarantee and cause any Person to become a Guarantor, and/or to evidence the succession of another Person to a Guarantor and the assumption by any such successor of the Guarantee of such Guarantor herein and, to the extent applicable, endorsed upon any Securities of any series; or

(e) to secure the Securities of any series; or

(f) to add to the covenants of the Company such further covenants, restrictions, conditions or provisions as the Company shall consider to be appropriate for the benefit of the Holders of all or any series of Securities (and if such covenants, restrictions, conditions or provisions are to be for the benefit of less than all series of Securities, stating that such covenants are expressly being included solely for the benefit of such series) or to surrender any right or power herein conferred upon the Company and to make the occurrence, or the occurrence and continuance, of a Default in any such additional covenants, restrictions, conditions or provisions an Event of Default permitting the enforcement of all or any of the several remedies provided in this Indenture as herein set forth; *provided*, that in respect of any such additional covenant, restriction, condition or provision such supplemental indenture may provide for a particular period of grace after default (which period may be shorter or longer than that allowed in the case of other defaults) or may provide for an immediate enforcement upon such an Event of Default or may limit the remedies available to the Trustee upon such an Event of Default or may limit the right of the Holders of a majority in aggregate principal amount of the Securities of such series to waive such an Event of Default; or

(g) to make any change to any provision of this Indenture that does not adversely affect the rights or interests of any Holder of Securities; or

(h) provide for the issuance of additional Securities in accordance with the provisions set forth in this Indenture on the date of this Indenture; or

(i) to add any additional Defaults or Events of Default in respect of all or any series of Securities; or

(j) to add to, change or eliminate any of the provisions of this Indenture to such extent as shall be necessary to permit or facilitate the issuance of Securities in bearer form, registrable or not registrable as to principal, and with or without interest coupons; or

(k) to change or eliminate any of the provisions of this Indenture; *provided* that any such change or elimination shall become effective only when there is no Security Outstanding of any series created prior to the execution of such supplemental indenture that is entitled to the benefit of such provision; or

(l) to establish the form or terms of Securities of any series as permitted by Section 2.1 and Section 3.1, including to reopen any series of any Securities as permitted under Section 3.1; or

(m) to evidence and provide for the acceptance of appointment hereunder by a successor Trustee with respect to the Securities of one or more series and to add to or change any of the provisions of this Indenture as shall be necessary to provide for or facilitate the administration of the trusts hereunder by more than one Trustee, pursuant to the requirements of Section 6.11(b); or

(n) to conform the text of the indenture (and/or any supplemental indenture) or any debt securities issued thereunder to any provision of a description of such debt securities

appearing in a prospectus or prospectus supplement or an offering memorandum or offering circular to the extent that such provision was intended to be a verbatim recreation of a provision of the indenture (and/or any supplemental indenture) or any debt securities issued thereunder; or

(o) to modify, eliminate or add to the provisions of this Indenture to such extent as shall be necessary to effect the qualification of this Indenture under the Trust Indenture Act or under any similar federal statute subsequently enacted, and to add to this Indenture such other provisions as may be expressly required under the Trust Indenture Act.

Upon the request of the Company accompanied by a resolution of its Board of Directors authorizing the execution of any such amended or supplemental indenture, the Trustee is hereby authorized to join with the Company and any Guarantor in the execution of any such supplemental indenture, to make any further appropriate agreements and stipulations that may be therein contained and to accept the conveyance, transfer, assignment, mortgage, charge or pledge of any property thereunder, but the Trustee shall not be obligated to enter into any such supplemental indenture that affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Section 9.2. With Consent of Holders.

The Company and the Trustee may amend or supplement this Indenture, the Guarantees and the Securities with the consent of the Holders of a majority in aggregate principal amount of the Outstanding Securities of each series of Securities affected by such amendment or supplemental indenture, with each such series voting as a separate series (including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for Securities) and, subject to Section 5.8 and Section 5.13 hereof, any existing Default or Event of Default or compliance with any provision of this Indenture, the Guarantees or the Securities may be waived with respect to each series of Securities with the consent of the Holders of a majority in principal amount of the Outstanding Securities of such series voting as a separate class (including consents obtained in connection with a purchase of, or tender offer or exchange offer for, Securities).

Upon the request of the Company accompanied by a resolution of its Board of Directors authorizing the execution of any such amended or supplemental indenture, and upon the filing with the Trustee of evidence satisfactory to the Trustee of the consent of the Holders of Securities as aforesaid, and upon receipt by the Trustee of the documents described in Section 6.3 hereof, the Trustee will join with the Company and the Guarantors in the execution of such amended or supplemental indenture unless such amended or supplemental indenture directly affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but will not be obligated to, enter into such amended or supplemental Indenture.

It is not necessary for the consent of the Holders of Securities under this Section 9.2 to approve the particular form of any proposed amendment or waiver, but it is sufficient if such consent approves the substance of the proposed amendment or waiver.

After an amendment, supplement or waiver under this Section 9.2 becomes effective, the Company will mail to the Holders of Securities affected thereby a notice briefly describing the amendment, supplement or waiver. Any failure of the Company to mail such notice, or any defect therein, will not, however, in any way impair or affect the validity of any such amended or supplemental indenture or waiver. Subject to Section 5.8 and Section 5.13 hereof, the application of or compliance with, either generally or in any particular instance, of any provision of this Indenture, the Securities or the Guarantees may be waived as to each series of Securities by the Holders of a majority in aggregate principal amount of the Outstanding Securities of such series. However, without the consent of each Holder affected, an amendment or waiver under this Section 9.2 may not (with respect to any Securities held by a non-consenting Holder):

(a) change the Stated Maturity of the principal of, or any installment of principal of or interest on, any Security, or reduce the principal amount thereof or the rate of interest thereon or any premium payable upon the redemption thereof, or reduce the amount of the principal of an Original Issue Discount Security that would be due and payable upon a declaration of acceleration of the Maturity thereof pursuant to Section 5.2, or change any Place of Payment where, or the coin or currency in which, any Security or any premium or the interest thereon is payable, or impair the right to institute suit for the enforcement of any such payment on or after the Stated Maturity thereof (or, in the case of redemption, on or after the Redemption Date), or

(b) reduce the percentage in principal amount of the Outstanding Securities of any series, the consent of whose Holders is required for any such supplemental indenture, or the consent of whose Holders is required for any waiver (of compliance with certain provisions of this Indenture or certain defaults hereunder and their consequences) provided for in this Indenture, or

(c) modify any of the provisions of this Section 9.2, Section 5.8, Section 5.13 or Section 10.6, except to increase any such percentage or to provide that certain other provisions of this Indenture cannot be modified or waived without the consent of the Holder of each Outstanding Security affected thereby, *provided, however*, that this clause (c) shall not be deemed to require the consent of any Holder with respect to changes in the references to “the Trustee” and concomitant changes in this Section, or the deletion of this proviso, in accordance with the requirements of Section 6.11(b) and Section 9.1(i); or

(d) waive a redemption payment with respect to any Security; *provided, however*, that any purchase or repurchase of Securities shall not be deemed a redemption of the Securities; or

(e) release any Guarantor from any of its obligations under its Guarantee or this Indenture, except in accordance with the terms of this Indenture (as supplemented by any supplemental indenture); or

(f) make any change in the foregoing amendment and waiver provisions.

A supplemental indenture that changes or eliminates any covenant or other provision of this Indenture that has expressly been included solely for the benefit of one or more particular series of Securities, or that modifies the rights of the Holders of Securities of such series with respect to such covenant or other provision, shall be deemed not to affect the rights under this Indenture of the Holders of Securities of any other series.

It shall not be necessary for any Act of Holders under this Section 9.2 to approve the particular form of any proposed supplemental indenture, but it shall be sufficient if such Act shall approve the substance thereof.

Section 9.3. Execution of Supplemental Indentures.

In executing, or accepting the additional trusts created by, any supplemental indenture permitted by this Article or the modifications thereby of the trusts created by this Indenture, the Trustee shall be entitled to receive, and (subject to Section 6.1) shall be fully protected in relying upon, an Opinion of

Counsel stating that the execution of such supplemental indenture is authorized or permitted by this Indenture. The Trustee may, but shall not be obligated to, enter into any such supplemental indenture which affects the Trustee's own rights, duties or immunities under this Indenture or otherwise.

Section 9.4. Effect of Supplemental Indentures.

Upon the execution of any supplemental indenture under this Article Nine, this Indenture shall be modified in accordance therewith, and such supplemental indenture shall form a part of this Indenture for all purposes; and every Holder of Securities theretofore or thereafter authenticated and delivered hereunder shall be bound thereby.

Section 9.5. Conformity with Trust Indenture Act.

Every supplemental indenture executed pursuant to this Article Nine shall conform to the requirements of the Trust Indenture Act as then in effect.

Section 9.6. Reference in Securities to Supplemental Indentures.

Securities of any series authenticated and delivered after the execution of any supplemental indenture pursuant to this Article Nine may, and shall if required by the Trustee, bear a notation in form approved by the Trustee as to any matter provided for in such supplemental indenture. If the Company shall so determine, new Securities of any series so modified as to conform, in the opinion of the Trustee and the Company, to any such supplemental indenture may be prepared and executed by the Company and authenticated and delivered by the Trustee in exchange for Outstanding Securities of such series.

ARTICLE TEN
COVENANTS

Section 10.1. Payment of Principal, Premium and Interest.

The Company covenants and agrees for the benefit of each series of Securities that it will duly and punctually pay the principal of and any premium and interest on the Securities of that series in accordance with the terms of the Securities and this Indenture.

Section 10.2. Maintenance of Office or Agency.

The Company will maintain an office or agency where Securities of that series may be presented or surrendered for payment, where Securities of that series may be surrendered for registration of transfer or exchange and where notices and demands to or upon the Company in respect of the Securities of that series and this Indenture may be served. The Company will give prompt written notice to the Trustee of the location, and any change in the location, of such office or agency. If at any time the Company shall fail to maintain any such required office or agency or shall fail to furnish the Trustee with the address thereof, such presentations, surrenders, notices and demands may be made or served at the Corporate Trust Office of the Trustee.

The Company may also from time to time designate one or more other offices or agencies where the Securities of one or more series may be presented or surrendered for any or all such purposes and may from time to time rescind such designations. The Company will give prompt written notice to the Trustee of any such designation or rescission and of any change in the location of any such other office or agency.

Except as otherwise specified with respect to a series of Securities as contemplated by Section 3.1, the Company hereby initially designates as the Place of Payment for each series of Securities The City and State of New York, and initially appoints the Trustee at its Corporate Trust Office as the Company's office or agency for each such purpose in such city.

Section 10.3. Money for Securities Payments to Be Held in Trust.

If the Company shall at any time act as its own Paying Agent, with respect to any series of Securities, it will, on or before each due date of the principal of and any premium or interest on any of the Securities of that series, segregate and hold in trust for the benefit of the Persons entitled thereto a sum sufficient to pay the principal and any premium and interest so becoming due until such sums shall be paid to such Persons or otherwise disposed of as herein provided and will promptly notify the Trustee of its action or failure so to act.

Whenever the Company shall have one or more Paying Agents for any series of Securities, it will, prior to each due date of the principal of and any premium or interest on any Securities of that series, deposit with a Paying Agent a sum sufficient to pay the principal and any premium or interest so becoming due, such sum to be held in trust for the benefit of the Persons entitled to such principal, premium or interest, and (unless such Paying Agent is the Trustee) the Company will promptly notify the Trustee of its action or failure so to act. For purposes of this Section 10.3, should a due date for principal of and any premium or interest on, or sinking fund payment with respect to any series of Securities not be on a Business Day, such payment shall be due on the next Business Day without any interest for the period from the due date until such Business Day.

The Company will cause each Paying Agent for any series of Securities other than the Trustee to execute and deliver to the Trustee an instrument in which such Paying Agent shall agree with the Trustee, subject to the provisions of this Section, that such Paying Agent will:

(a) hold all sums held by it for the payment of the principal of and any premium or interest on Securities of that series in trust for the benefit of the Persons entitled thereto until such sums shall be paid to such Persons or otherwise disposed of as herein provided;

(b) give the Trustee notice of any Default by the Company (or any other obligor upon the Securities of that series) in the making of any payment of principal and any premium or interest on the Securities of that series; and

(c) at any time during the continuance of any such Default, upon the written request of the Trustee, forthwith pay to the Trustee all sums so held in trust by such Paying Agent.

The Company and, if applicable, the Guarantors may at any time, for the purpose of obtaining the satisfaction and discharge of this Indenture or for any other purpose, pay, or by Company Order direct any Paying Agent to pay, to the Trustee all sums held in trust by the Company or such Paying Agent, such sums to be held by the Trustee upon the same trusts as those upon which such sums were held by the Company or such Paying Agent; and, upon such payment by any Paying Agent to the Trustee, such Paying Agent shall be released from all further liability with respect to such money.

Subject to any applicable escheat or abandoned property laws, any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of and any premium or interest on any Security of any series and remaining unclaimed for one year after such principal and any premium or interest has become due and payable shall be paid to the Company on Company Request, or (if then held by the Company) shall be discharged from such trust; and the Holder

of such Security shall thereafter, as an unsecured general creditor, look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, shall thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in a newspaper published in the English language, customarily published on each Business Day and of general circulation in the Borough of Manhattan, The City of New York, notice that such money remains unclaimed and that, after a date specified therein, which shall not be less than 30 days from the date of such publication, any unclaimed balance of such money then remaining will be repaid to the Company.

Section 10.4. Existence.

Subject to Article Eight, the Company and, if any Securities of a series to which Article Fourteen has been made applicable are Outstanding, each Guarantor will do or cause to be done all things necessary to preserve and keep in full force and effect its existence, rights (charter and statutory) and franchises; *provided, however*, that the Company and, if applicable, each Guarantor shall not be required to preserve any such right or franchise if the Board of Directors shall determine that the preservation thereof is no longer desirable in the conduct of the business of the Company or such Guarantor, as the case may be.

Section 10.5. Statement by Officers as to Default.

Annually, within 150 days after the close of each fiscal year beginning with the first fiscal year during which one or more series of Securities are Outstanding, the Company and, if any Securities of a series to which Article Fourteen has been made applicable are Outstanding, each Guarantor will deliver to the Trustee a brief certificate (which need not include the statements set forth in Section 1.3) from the principal executive officer, principal financial officer or principal accounting officer of the Company and, if applicable, such Guarantor as to his or her knowledge of the Company's or such Guarantor's, as the case may be, compliance (without regard to any period of grace or requirement of notice provided herein) with all conditions and covenants under the Indenture and, if the Company or such Guarantor, as the case may be, shall be in Default, specifying all such Defaults and the nature and status thereof of which such officer has knowledge.

Section 10.6. Additional Amounts.

If the Securities of a series provide for the payment of additional amounts (as provided in Section 3.1(o)), at least 10 days prior to the first Interest Payment Date with respect to that series of Securities and at least 10 days prior to each date of payment of principal of, premium, if any, or interest on the Securities of that series if there has been a change with respect to the matters set forth in the below-mentioned Officer's Certificate, the Company shall furnish to the Trustee and the principal Paying Agent, if other than the Trustee, an Officer's Certificate instructing the Trustee and such Paying Agent whether such payment of principal of, premium, if any, or interest on the Securities of that series shall be made to holders of the Securities of that series without withholding or deduction for or on account of any tax, assessment or other governmental charge described in the Securities of that series. If any such withholding or deduction shall be required, then such Officer's Certificate shall specify by country the amount, if any, required to be withheld or deducted on such payments to such holders and shall certify the fact that additional amounts will be payable and the amounts so payable to each holder, and the Company shall pay to the Trustee or such Paying Agent the additional amounts required to be paid by this Section. The Company covenants to indemnify the Trustee and any Paying Agent for, and to hold them harmless against, any loss, liability or expense reasonably incurred without negligence or bad faith on their part arising out of or in connection with actions taken or omitted by any of them in reliance on any Officer's Certificate furnished pursuant to this Section 10.6.

Whenever in this Indenture there is mentioned, in any context, the payment of the principal of or any premium, interest or any other amounts on, or in respect of, any Securities of any series, such mention shall be deemed to include mention of the payment of additional amounts provided by the terms of such series established hereby or pursuant hereto to the extent that, in such context, additional amounts are, were or would be payable in respect thereof pursuant to such terms, and express mention of the payment of additional amounts (if applicable) in any provision hereof shall not be construed as excluding the payment of additional amounts in those provisions hereof where such express mention is not made.

ARTICLE ELEVEN

REDEMPTION OF SECURITIES

Section 11.1. Applicability of Article.

Securities of any series which are redeemable before their Stated Maturity shall be redeemable in accordance with their terms and (except as otherwise specified as contemplated by Section 3.1 for Securities of any series) in accordance with this Article Eleven.

Section 11.2. Election to Redeem; Notice to Trustee.

The election of the Company to redeem any Securities shall be evidenced by a Board Resolution. In case of any redemption at the election of the Company of less than all the Securities of any series, the Company shall, at least 15 days prior to the last date for the giving of notice of such redemption (unless a shorter notice shall be satisfactory to the Trustee), notify the Trustee of such Redemption Date and of the principal amount of Securities of such series to be redeemed and, if applicable, of the tenor of the Securities to be redeemed. In the case of any redemption of Securities (a) prior to the expiration of any restriction on such redemption provided in the terms of such Securities or elsewhere in this Indenture or (b) pursuant to an election of the Company that is subject to a condition specified in the terms of the Securities of the series to be redeemed, the Company shall furnish the Trustee with an Officer's Certificate evidencing compliance with such restriction or condition.

Section 11.3. Selection by Trustee of Securities to Be Redeemed.

If less than all the Securities of any series are to be redeemed (unless all of the Securities of such series and of a specified tenor are to be redeemed), the particular Securities to be redeemed shall be selected not more than 45 days prior to the Redemption Date by the Trustee, from the Outstanding Securities of such series not previously called for redemption, by such method as the Trustee shall deem fair and appropriate and which may provide for the selection for redemption of portions (equal to the minimum authorized denomination for Securities of that series or any integral multiple thereof) of the principal amount of Securities of such series of a denomination larger than the minimum authorized denomination for Securities of that series.

The Trustee shall promptly notify the Company in writing of the Securities selected for redemption and, in the case of any Securities selected for partial redemption, the principal amount thereof to be redeemed. If the Securities of any series to be redeemed consist of Securities having different dates on which the principal is payable or different rates of interest, or different methods by which interest may be determined or have any other different tenor or terms, then the Company may, by written notice to the Trustee, direct that the Securities of such series to be redeemed shall be selected from among the groups of such Securities having specified tenor or terms and the Trustee shall thereafter select the particular Securities to be redeemed in the manner set forth in the preceding paragraph from among the group of such Securities so specified.

For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities shall relate, in the case of any Securities redeemed or to be redeemed only in part, to the portion of the principal amount of such Securities which has been or is to be redeemed.

Section 11.4. Notice of Redemption.

Notice of redemption shall be given by first-class mail, postage prepaid, mailed not less than 30 nor more than 60 days prior to the Redemption Date, to each Holder of Securities to be redeemed, at his address appearing in the Security Register.

All notices of redemption shall state:

- (a) the Redemption Date,
- (b) the Redemption Price, or if not then ascertainable, the manner of calculation thereof,
- (c) if less than all the Outstanding Securities of any series are to be redeemed, the identification (and, in the case of partial redemption, the principal amounts) of the particular Securities to be redeemed,
- (d) that on the Redemption Date the Redemption Price will become due and payable upon each such Security to be redeemed and, if applicable, that interest thereon will cease to accrue on and after said date,
- (e) the place or places where such Securities are to be surrendered for payment of the Redemption Price, and
- (f) that the redemption is for a sinking fund, if such is the case.

Notice of redemption of Securities to be redeemed at the election of the Company shall be given by the Company or, at the Company's request, by the Trustee in the name and at the expense of the Company.

Section 11.5. Deposit of Redemption Price.

Prior to any Redemption Date, the Company shall deposit with the Trustee or with a Paying Agent (or, if the Company is acting as its own Paying Agent, segregate and hold in trust as provided in Section 10.3) an amount of money sufficient to pay the Redemption Price of, and (except if the Redemption Date shall be an Interest Payment Date) accrued interest on, all the Securities which are to be redeemed on that date.

Section 11.6. Securities Payable on Redemption Date.

Notice of redemption having been given as aforesaid, the Securities so to be redeemed shall, on the Redemption Date, become due and payable at the Redemption Price therein specified, and from and after such date (unless the Company shall default in the payment of the Redemption Price and accrued interest) such Securities shall cease to bear interest. Upon surrender of any such Security for redemption in accordance with said notice, such Security shall be paid by the Company at the Redemption Price,

together with accrued interest to the Redemption Date; *provided, however*, that unless otherwise specified with respect to Securities of any series as contemplated in Section 3.1, installments of interest whose Stated Maturity is on or prior to the Redemption Date shall be payable to the Holders of such Securities, or one or more Predecessor Securities, registered as such at the close of business on the relevant Record Dates according to their terms and the provisions of Section 3.7.

If any Security called for redemption shall not be so paid upon surrender thereof for redemption, the principal (and premium, if any) shall, until paid, bear interest from the Redemption Date at the rate prescribed therefor in the Security.

Section 11.7. Securities Redeemed in Part.

Any Security which is to be redeemed only in part shall be surrendered at a Place of Payment therefor (with, if the Company or the Trustee so requires, due endorsement by, or a written instrument of transfer in form satisfactory to the Company and the Trustee duly executed by, the Holder thereof or his attorney duly authorized in writing), and the Company shall execute, and the Trustee shall authenticate and deliver to the Holder of such Security without service charge, a new Security or Securities of the same series and tenor, of any authorized denomination as requested by such Holder, in aggregate principal amount equal to and in exchange for the unredeemed portion of the principal of the Security so surrendered.

ARTICLE TWELVE
SINKING FUNDS

Section 12.1. Applicability of Article.

The provisions of this Article Twelve shall be applicable to any sinking fund for the retirement of Securities of a series except as otherwise specified as contemplated by Section 3.1 for Securities of such series.

The minimum amount of any sinking fund payment provided for by the terms of Securities of any series is herein referred to as a “mandatory sinking fund payment”, and any payment in excess of such minimum amount provided for by the terms of Securities of any series is herein referred to as an “optional sinking fund payment.” If provided for by the terms of Securities of any series, the cash amount of any sinking fund payment may be subject to reduction as provided in Section 12.2. Each sinking fund payment shall be applied to the redemption of Securities of any series as provided for by the terms of Securities of such series.

Section 12.2. Satisfaction of Sinking Fund Payments with Securities.

The Company (a) may deliver Outstanding Securities of a series (other than any previously called for redemption) and (b) may apply as a credit Securities of a series which have been redeemed either at the election of the Company pursuant to the terms of such Securities or through the application of permitted optional sinking fund payments pursuant to the terms of such Securities, in each case in satisfaction of all or any part of any sinking fund payment with respect to the Securities of such series required to be made pursuant to the terms of such Securities as provided for by the terms of such series; *provided* that such Securities have not been previously so credited. Such Securities shall be received and credited for such purpose by the Trustee at the Redemption Price specified in such Securities for redemption through operation of the sinking fund and the amount of such sinking fund payment shall be reduced accordingly.

Section 12.3. Redemption of Securities for Sinking Fund.

Not less than 45 days prior to each sinking fund payment date for any series of Securities (unless a shorter period shall be satisfactory to the Trustee), the Company will deliver to the Trustee an Officer's Certificate specifying the amount of the next ensuing sinking fund payment for that series pursuant to the terms of that series, the portion thereof, if any, which is to be satisfied by payment of cash and the portion thereof, if any, which is to be satisfied by delivering and crediting Securities of that series pursuant to Section 12.2 and stating the basis for such credit and that such Securities have not been previously so credited, and will also deliver to the Trustee any Securities to be so delivered. Not less than 30 days before each such sinking fund payment date the Trustee shall select the Securities to be redeemed upon such sinking fund payment date in the manner specified in Section 11.3 and cause notice of the redemption thereof to be given in the name of and at the expense of the Company in the manner provided in Section 11.4. Such notice having been duly given, the redemption of such Securities shall be made upon the terms and in the manner stated in Section 11.6 and Section 11.7.

ARTICLE THIRTEEN
DEFEASANCE

Section 13.1. Option to Effect Legal Defeasance or Covenant Defeasance.

The Company may, at the option of its Board of Directors evidenced by a resolution set forth in an Officers' Certificate, and at any time, elect to have either Section 13.2 or Section 13.3 hereof be applied to all outstanding Securities upon compliance with the conditions set forth below in this Article Thirteen.

Section 13.2. Legal Defeasance and Discharge.

Upon the Company's exercise under Section 13.1 hereof of the option applicable to this Section 13.2, the Company and each of the Guarantors will, subject to the satisfaction of the conditions set forth in Section 13.4 hereof, be deemed to have been discharged from their obligations with respect to all outstanding Securities (including the Guarantees) on the date the conditions set forth below are satisfied (hereinafter, "Legal Defeasance"). For this purpose, Legal Defeasance means that the Company and the Guarantors will be deemed to have paid and discharged the entire Debt represented by the outstanding Securities (including the Guarantees), which will thereafter be deemed to be "outstanding" only for the purposes of Section 13.5 hereof and the other sections of this Indenture referred to in clauses (a) and (b) below, and to have satisfied all their other obligations under such Securities, the Guarantees and this Indenture (and the Trustee, on demand of and at the expense of the Company, shall execute proper instruments acknowledging the same), except for the following provisions which will survive until otherwise terminated or discharged hereunder:

- (a) the rights of Holders of Outstanding Securities to receive payments in respect of the principal of, or interest or premium, if any, on such Securities when such payments are due from the trust referred to in Section 13.4 hereof;
- (b) the Company's obligations with respect to such Securities under Section 3.4, Section 3.5, Section 3.6, Section 10.2 and Section 10.3 hereof;
- (c) the rights, powers, trusts, duties and immunities of the Trustee hereunder and the Company's and the Guarantors' obligations in connection therewith; and
- (d) this Article Thirteen.

Subject to compliance with this Article Thirteen, the Company may exercise its option under this Section 13.2 notwithstanding the prior exercise of its option under Section 13.3 hereof.

Section 13.3. Covenant Defeasance.

Upon the Company's exercise under Section 13.1 hereof of the option applicable to this Section 13.3, the Company and each of the Guarantors will, subject to the satisfaction of the conditions set forth in Section 13.4 hereof, be released from each of their obligations under the covenants contained in Section 7.4, Section 8.1 and Section 10.4 hereof as well as any Additional Defeasible Provisions (such release and termination hereinafter referred to as "*Covenant Defeasance*"), and the Securities will thereafter be deemed not "outstanding" for the purposes of any direction, waiver, consent or declaration or act of Holders (and the consequences of any thereof) in connection with such covenants, but will continue to be deemed "outstanding" for all other purposes hereunder (it being understood that such Securities will not be deemed outstanding for accounting purposes). For this purpose, Covenant Defeasance means that, with respect to the outstanding Securities and Guarantees, the Company and the Guarantors may omit to comply with and will have no liability in respect of any term, condition or limitation set forth in any such covenant, whether directly or indirectly, by reason of any reference elsewhere herein to any such covenant or by reason of any reference in any such covenant to any other provision herein or in any other document and such omission to comply will not constitute a Default or an Event of Default under Section 5.1 hereof, but, except as specified above, the remainder of this Indenture and such Securities and Guarantees will be unaffected thereby. In addition, upon the Company's exercise under Section 13.1 hereof of the option applicable to this Section 13.3 hereof, subject to the satisfaction of the conditions set forth in Section 13.4 hereof, Section 5.1(c) and Section 5.1(d) hereof and will not constitute Events of Default.

Section 13.4. Conditions to Legal or Covenant Defeasance.

In order to exercise either Legal Defeasance or Covenant Defeasance under either Section 13.2 or Section 13.3 hereof:

(a) the Company must irrevocably deposit with the Trustee, in trust, for the benefit of the Holders of the Securities, cash in U.S. dollars, non-callable U.S. Government Obligations, or a combination of cash in U.S. dollars and non-callable U.S. Government Obligations, in such amounts as will be sufficient, in the opinion of a nationally recognized investment bank, appraisal firm, or firm of independent public accountants to pay the principal of, or interest and premium, if any, and interest on the Outstanding Securities on the stated date for payment thereof or on the applicable redemption date, as the case may be, and the Company must specify whether the Securities are being defeased to such stated date for payment or to a particular redemption date;

(b) in the case of an election under Section 13.2 hereof, the Company must deliver to the Trustee an Opinion of Counsel confirming that:

(i) the Company has received from, or there has been published by, the Internal Revenue Service a ruling; or

(ii) since the Issue Date, there has been a change in the applicable federal income tax law,

in either case to the effect that, and based thereon such Opinion of Counsel will confirm that, the Holders of the Outstanding Securities will not recognize income, gain or loss for federal income tax purposes as a result of such Legal Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Legal Defeasance had not occurred;

(c) in the case of an election under Section 13.4 hereof, the Company must deliver to the Trustee an Opinion of Counsel confirming that the Holders of the Outstanding Securities will not recognize income, gain or loss for federal income tax purposes as a result of such Covenant Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Covenant Defeasance had not occurred;

(d) no Default or Event of Default has occurred and is continuing on the date of such deposit (other than a Default or Event of Default resulting from the borrowing of funds to be applied to such deposit);

(e) the deposit will not result in a breach or violation of, or constitute a default under, any other instrument to which the Company or any Guarantor is a party or by which the Company or any Guarantor is bound;

(f) such Legal Defeasance or Covenant Defeasance will not result in a breach or violation of, or constitute a default under, any material agreement or instrument (other than this Indenture) to which the Company or any of its Subsidiaries is a party or by which the Company or any of its Subsidiaries is bound;

(g) the Company must deliver to the Trustee an Officers' Certificate stating that the deposit was not made by the Company with the intent of preferring the Holders of Securities over the other creditors of the Company with the intent of defeating, hindering, delaying or defrauding any other creditors of the Company or others;

(h) the Company must deliver to the Trustee an Officers' Certificate, stating that all conditions precedent set forth in clauses (a) through (g) of this Section 13.4 have been complied with; and

(i) the Company must deliver to the Trustee an Opinion of Counsel (which Opinion of Counsel may be subject to customary assumptions, qualifications and exclusions), stating that all conditions precedent set forth in clauses (b), (c) and (e) of this Section 13.4 have been complied with; *provided* that the Opinion of Counsel with respect to clause (e) of this Section 13.4 may be to the knowledge of such counsel.

Section 13.5. Deposited Money and U.S. Government Obligations to be Held in Trust, Other Miscellaneous Provisions.

Subject to Section 13.6 hereof, all money and non-callable U.S. Government Obligation (including the proceeds thereof) deposited with the Trustee (or other qualifying trustee, collectively for purposes of this Section 13.5, the "*Trustee*") pursuant to Section 13.4 hereof in respect of the Outstanding Securities will be held in trust and applied by the Trustee, in accordance with the provisions of such Securities and this Indenture, to the payment, either directly or through any Paying Agent (including the Company acting as Paying Agent) as the Trustee may determine, to the Holders of such Securities of all sums due and to become due thereon in respect of principal, premium, if any, and interest, but such money need not be segregated from other funds except to the extent required by law.

The Company will pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the cash or non-callable U.S. Government Obligations deposited pursuant to Section 13.4 hereof or the principal and interest received in respect thereof other than any such tax, fee or other charge which by law is for the account of the Holders of the Outstanding Securities.

Notwithstanding anything in this Article Thirteen to the contrary, the Trustee will deliver or pay to the Company from time to time upon the request of the Company any money or non-callable U.S. Government Obligations held by it as provided in Section 13.4 hereof which, in the opinion of a nationally recognized firm of independent public accountants expressed in a written certification thereof delivered to the Trustee (which may be the opinion delivered under Section 13.4(a) hereof), are in excess of the amount thereof that would then be required to be deposited to effect an equivalent Legal Defeasance or Covenant Defeasance.

Section 13.6. Repayment.

Any money deposited with the Trustee or any Paying Agent, or then held by the Company, in trust for the payment of the principal of, premium, if any, or interest on any Security and remaining unclaimed for two years after such principal, premium, if any, or interest has become due and payable shall be paid to the Company on its request or (if then held by the Company) will be discharged from such trust; and the Holder of such Security will thereafter be permitted to look only to the Company for payment thereof, and all liability of the Trustee or such Paying Agent with respect to such trust money, and all liability of the Company as trustee thereof, will thereupon cease; *provided, however*, that the Trustee or such Paying Agent, before being required to make any such repayment, may at the expense of the Company cause to be published once, in the New York Times and The Wall Street Journal (national edition), notice that such money remains unclaimed and that, after a date specified therein, which will not be less than 30 days from the date of such notification or publication, any unclaimed balance of such money then remaining will be repaid to the Company.

Section 13.7. Reinstatement.

If the Trustee or Paying Agent is unable to apply any United States dollars or non-callable U.S. Government Obligations in accordance with Section 13.2 or Section 13.3 hereof, as the case may be, by reason of any order or judgment of any court or governmental authority enjoining, restraining or otherwise prohibiting such application, then the Company's and the Guarantors' obligations under this Indenture and the Securities and the Guarantees will be revived and reinstated as though no deposit had occurred pursuant to Section 13.2 or Section 13.3 hereof until such time as the Trustee or Paying Agent is permitted to apply all such money in accordance with Section 13.2 or Section 13.3 hereof, as the case may be; *provided, however*, that, if the Company makes any payment of principal of, premium, if any, or interest on any Note following the reinstatement of its obligations, the Company will be subrogated to the rights of the Holders of such Securities to receive such payment from the money held by the Trustee or Paying Agent.

ARTICLE FOURTEEN
GUARANTEE OF SECURITIES

Section 14.1. Guarantee.

(a) Subject to the other provisions of this Article Fourteen, each of the Guarantors hereby jointly and severally, guarantees to each Holder of a Security of each series to which this Article Fourteen has been made applicable as provided in Section 3.1(t) (the Securities of such series being referred to herein as the "Guaranteed Securities") (which Security has been

authenticated and delivered by the Trustee), and to the Trustee and its successors and assigns, irrespective of the validity and enforceability of this Indenture, the Guaranteed Securities, the obligations of the Company hereunder or thereunder, that:

(i) the principal of, premium, if any, and interest on the Guaranteed Securities will be promptly paid in full when due, whether at maturity, by acceleration, redemption or otherwise, and interest on the overdue principal of and interest on the Guaranteed Securities, if any, if lawful, and all other obligations of the Company to the Holders of Guaranteed Securities, or the Trustee hereunder or thereunder will be promptly paid in full or performed, all in accordance with the terms hereof and thereof; and

(ii) in case of any extension of time of payment or renewal of any Guaranteed Securities or any of such other obligations, that same will be promptly paid in full when due or performed in accordance with the terms of the extension or renewal, whether at stated maturity, by acceleration or otherwise.

Failing payment when due of any amount so guaranteed or any performance so guaranteed for whatever reason, the Guarantors will be jointly and severally obligated to pay the same immediately. Each Guarantor agrees that this is a guarantee of payment and not a guarantee of collection.

(b) To the extent permissible under applicable law, the obligations of the Guarantors under this Guarantee are unconditional, irrespective of the validity, regularity or enforceability of the Guaranteed Securities or this Indenture, the absence of any action to enforce the same, any waiver or consent by any Holder of the Guaranteed Securities with respect to any provisions hereof or thereof, the recovery of any judgment against the Company, any action to enforce the same or any other circumstance which might otherwise constitute a legal or equitable discharge or defense of a guarantor. To the extent permitted by applicable law, each Guarantor hereby waives diligence, presentment, demand of payment, filing of claims with a court in the event of insolvency or bankruptcy of the Company, any right to require a proceeding first against the Company, protest, notice and all demands whatsoever and covenant that this Guarantee will not be discharged except by complete performance of the obligations contained in the Guaranteed Securities and this Indenture.

(c) If any Holder or the Trustee is required by any court or otherwise to return to the Company, the Guarantors or any custodian, trustee, liquidator or other similar official acting in relation to either the Company or the Guarantors, any amount paid by either to the Trustee or such Holder, this Guarantee, to the extent theretofore discharged, will be reinstated in full force and effect.

(d) Each Guarantor agrees that it will not be entitled to any right of subrogation in relation to the Holders in respect of any obligations guaranteed hereby until payment in full of all obligations guaranteed hereby. Each Guarantor further agrees that, to the extent permitted by applicable law, as between the Guarantors, on the one hand, and the Holders of Guaranteed Securities and the Trustee, on the other hand, (1) the maturity of the obligations guaranteed hereby may be accelerated as provided in Article Five hereof for the purposes of this Guarantee, notwithstanding any stay, injunction or other prohibition preventing such acceleration in respect of the obligations guaranteed hereby, and (2) in the event of any declaration of acceleration of such obligations as provided in Article Five hereof, such obligations (regardless of whether due and payable) will forthwith become due and payable by the Guarantors for the purpose of this Guarantee. The Guarantors will have the right to seek contribution from any non-paying Guarantor so long as the exercise of such right does not impair the rights of the Holders under the Guarantee.

Section 14.2. Limitation on Guarantor Liability.

Each Guarantor, and by its acceptance of Guaranteed Securities, each Holder thereof, hereby confirms that it is the intention of all such parties that the Guarantee of such Guarantor not constitute a fraudulent transfer or conveyance for purposes of Bankruptcy Law, the Uniform Fraudulent Conveyance Act, the Uniform Fraudulent Transfer Act or any similar federal or state law to the extent applicable to any Guarantee. To effectuate the foregoing intention, the Trustee, to the extent permitted under applicable law, the Holders and each Guarantor hereby irrevocably agree that the obligations of such Guarantor will be limited to the maximum amount that will, after giving effect to such maximum amount and all other contingent and fixed liabilities of such Guarantor that are relevant under such laws, and after giving effect to any collections from, rights to receive contribution from or payments made by or on behalf of any other Guarantor in respect of the obligations of such other Guarantor under this Article Fourteen, result in the obligations of such Guarantor under its Guarantee not constituting a fraudulent transfer or conveyance.

Section 14.3. Execution and Delivery of Guarantee Notation.

To evidence its Guarantee set forth in Section 14.1 hereof, each Guarantor hereby agrees that a notation of such Guarantee substantially in the form set forth in Section 2.3 or established pursuant to a Board Resolution or in a supplemental indenture, in accordance with the provisions of Section 2.1, will be endorsed by an officer of such Guarantor on each Guaranteed Security authenticated and delivered by the Trustee and that this Indenture will be executed on behalf of such Guarantor by one of its officers.

Each Guarantor hereby agrees that its Guarantee set forth in Section 14.1 hereof will remain in full force and effect notwithstanding any failure to endorse on each Guaranteed Security a notation of such Guarantee.

If an officer whose signature is on this Indenture or on the Guarantee no longer holds that office at the time the Trustee authenticates the Guaranteed Security on which a Guarantee is endorsed, the Guarantee will be valid nevertheless.

The delivery of any Guaranteed Security by the Trustee, after the authentication thereof hereunder, will constitute due delivery of the Guarantee of such Guaranteed Security set forth in this Indenture on behalf of the Guarantors.

ARTICLE FIFTEEN
SUBORDINATION OF SECURITIES

Section 15.1. Securities Subordinated to Senior Debt.

The Company and the Trustee each covenants and agrees, and each Holder, by its acceptance of a Security, likewise covenants and agrees that all Securities shall be issued subject to the provisions of this Article Fifteen; and each Person holding any Security, whether upon original issue or upon transfer, assignment or exchange thereof, accepts and agrees that the payment of the principal of, interest and premium, if any, on each and all of the Securities shall, to the extent and in the manner set forth in this Article Fifteen, be subordinated in right of payment to the prior payment in full, in cash or cash equivalents, of all existing and future Senior Debt.

Section 15.2. No Payment on Securities in Certain Circumstances.

(a) No direct or indirect payment by or on behalf of the Company of the principal of, interest and premium, if any, on each and all of the Securities (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture), whether pursuant to the terms of the Securities or upon acceleration or otherwise shall be made if, at the time of such payment, there exists a default in the payment of all or any portion of the obligations on any Senior Debt and such default shall not have been cured or waived or the benefits of this sentence waived by or on behalf of the holders of such Senior Debt.

(b) During the continuance of any other event of default with respect to any Designated Senior Debt pursuant to which the maturity thereof may be accelerated, upon receipt by the Trustee of written notice from the trustee or other representative for the holders of such Designated Senior Debt (or the holders of at least a majority in principal amount of such Designated Senior Debt then outstanding), no payment of the principal of, interest or premium, if any, on each and all of the Securities (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture) may be made by or on behalf of the Company upon or in respect of the Securities for a period (a "Payment Blockage Period") commencing on the date of receipt of such notice and ending 179 days thereafter (unless, in each case, such Payment Blockage Period has been terminated by written notice to the Trustee from such trustee of, or other representatives for, such holders or by payment in full in cash or cash equivalents of such Designated Senior Debt or such event of default has been cured or waived). Not more than one Payment Blockage Period may be commenced with respect to the Securities during any period of 360 consecutive days. Notwithstanding anything in this Indenture to the contrary, there must be 180 consecutive days in any 360-day period in which no Payment Blockage Period is in effect. No event of default that existed or was continuing (it being acknowledged that any subsequent action that would give rise to an event of default pursuant to any provision under which an event of default previously existed or was continuing shall constitute a new event of default for this purpose) on the date of the commencement of any Payment Blockage Period with respect to the Designated Senior Debt initiating such Payment Blockage Period shall be, or shall be made, the basis for the commencement of a second Payment Blockage Period by the trustee or other representative for the holders of such Designated Senior Debt, whether or not within a period of 360 consecutive days, unless such event of default shall have been cured or waived for a period of not less than 90 consecutive days.

(c) In the event that, notwithstanding the foregoing, any payment shall be received by the Trustee or any Holder when such payment is prohibited by clause (a) or (b) above, the Trustee shall promptly notify the holders of Senior Debt of such prohibited payment and such payment shall be held in trust for the benefit of, and shall be paid over or delivered to, the holders of Senior Debt or their respective representatives, or to the trustee or trustees under any indenture pursuant to which any of such Senior Debt may have been issued, as their respective interests may appear, but only to the extent that, upon notice from the Trustee to the holders of Senior Debt that such prohibited payment has been made, the holders of the Senior Debt (or their representative or representatives of a trustee) within 30 days of receipt of such notice from the Trustee notify the Trustee of the amounts then due and owing on the Senior Debt, if any, and only the amounts specified in such notice to the Trustee shall be paid to the holders of Senior Debt and any excess above such amounts due and owing on Senior Debt shall be paid to the Company.

Section 15.3. Payment over Proceeds upon Dissolution, Etc.

(a) Upon any payment or distribution of assets or securities of the Company of any kind or character, whether in cash, property or securities (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture), in connection with any dissolution or winding up or total or partial liquidation or reorganization of the Company, whether voluntary or involuntary, or in bankruptcy, insolvency, receivership or other proceedings or other marshalling of assets for the benefit of creditors, all amounts due or to become due upon all Senior Debt shall first be paid in full, in cash or cash equivalents, before the Holders or the Trustee on their behalf shall be entitled to receive any payment by (or on behalf of) the Company on account of the Securities, or any payment to acquire any of the Securities for cash, property or securities, or any distribution with respect to the Securities of any cash, property or securities. Before any payment may be made by, or on behalf of, the Company on any Security (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture), in connection with any such dissolution, winding up, liquidation or reorganization, any payment or distribution of assets or securities for the Company of any kind or character, whether in cash, property or securities, to which the Holders or the Trustee on their behalf would be entitled, but for the provisions of this Article Fifteen, shall be made by the Company or by any receiver, trustee in bankruptcy, liquidating trustee, agent or other similar Person making such payment or distribution or by the Holders or the Trustee if received by them or it, directly to the holders of Senior Debt (pro rata to such holders on the basis of the respective amounts of Senior Debt held by such holders) or their representatives or to any trustee or trustees under any indenture pursuant to which any such Senior Debt may have been issued, as their respective interests appear, to the extent necessary to pay all such Senior Debt in full, in cash or cash equivalents, after giving effect to any concurrent payment, distribution or provision therefor to or for the holders of such Senior Debt.

(b) To the extent any payment of Senior Debt (whether by or on behalf of the Company, as proceeds of security or enforcement of any right of setoff or otherwise) is declared to be fraudulent or preferential, set aside or required to be paid to any receiver, trustee in bankruptcy, liquidating trustee, agent or other similar Person under any bankruptcy, insolvency, receivership, fraudulent conveyance or similar law, then if such payment is recovered by, or paid over to, such receiver, trustee in bankruptcy, liquidating trustee or other similar Person, the Senior Debt or part thereof originally intended to be satisfied shall be deemed to be reinstated and outstanding as if such payment had not occurred. To the extent the obligation to repay any Senior Debt is declared to be fraudulent, invalid, or otherwise set aside under any bankruptcy, insolvency, receivership, fraudulent conveyance or similar law, then the obligation so declared fraudulent, invalid or otherwise set aside (and all other amounts that would come due with respect thereto had such obligation not been so affected) shall be deemed to be reinstated and outstanding as Senior Debt for all purposes hereof as if such declaration, invalidity or setting aside had not occurred.

(c) In the event that, notwithstanding the provision in clause (a) above prohibiting such payment or distribution, any payment or distribution of assets or securities of the Company of any kind or character, whether in cash, property or securities, shall be received by the Trustee or any Holder at a time when such payment or distribution is prohibited by clause (a) above and before all obligations in respect of Senior Debt are paid in full, in cash or cash equivalents, such payment or distribution shall be received and held in trust for the benefit of, and shall be paid over or delivered to, the holders of Senior Debt (pro rata to such holders on the basis of the respective amounts of Senior Debt held by such holders) or their representatives or to any trustee or trustees under any indenture pursuant to which any such Senior Debt may have been issued, as

their respective interests appear, for application to the payment of all such Senior Debt remaining unpaid, in cash or cash equivalents, after giving effect to any concurrent payment, distribution or provision therefor to or for the holders of such Senior Debt.

(d) For purposes of this Section 15.3, the words “cash, property or securities” shall not be deemed to include, so long as the effect of this clause is not to cause the Securities to be treated in any case or proceeding or similar event described in this Section 15.3 as part of the same class of claims as the Senior Debt or any class of claims *pari passu* with, or senior to, the Senior Debt for any payment or distribution, securities of the Company or any other corporation provided for by a plan of reorganization or readjustment that are subordinated, at least to the extent that the Securities are subordinated, to the payment of all Senior Debt then outstanding; *provided* that (i) if a new corporation results from such reorganization or readjustment, such corporation assumes the Senior Debt and (ii) the rights of the holders of the Senior Debt are not, without the consent of such holders, altered by such reorganization or readjustment. The consolidation of the Company with, or the merger of the Company with or into, another corporation or the liquidation or dissolution of the Company following the sale, conveyance, transfer, lease or other disposition of all or substantially all of its property and assets to another corporation upon the terms and conditions provided in Article Eight of this Indenture shall not be deemed a dissolution, winding up, liquidation or reorganization for the purposes of this Section 15.3 if such other corporation shall, as a part of such consolidation, merger, sale, conveyance, transfer, lease or other disposition, comply (to the extent required) with the conditions stated in Article Eight of this Indenture.

Section 15.4. Subrogation.

(a) Upon the payment in full of all Senior Debt in cash or cash equivalents, the Holders shall be subrogated to the rights of the holders of Senior Debt to receive payments or distributions of cash, property or securities of the Company made on such Senior Debt until the principal of, premium, if any, and interest on the Securities shall be paid in full; and, for the purposes of such subrogation, no payments or distributions to the holders of the Senior Debt of any cash, property or securities to which the Holders or the Trustee on their behalf would be entitled except for the provisions of this Article Fifteen, and no payment pursuant to the provisions of this Article Fifteen to the holders of Senior Debt by the Holders or the Trustee on their behalf shall, as between the Company, its creditors other than holders of Senior Debt, and the Holders, be deemed to be a payment by the Company to or on account of the Senior Debt. It is understood that the provisions of this Article Fifteen are intended solely for the purpose of defining the relative rights of the Holders, on the one hand, and the holders of the Senior Debt, on the other hand.

(b) If any payment or distribution to which the Holders would otherwise have been entitled but for the provisions of this Article Fifteen shall have been applied, pursuant to the provisions of this Article Fifteen, to the payment of all amounts payable under Senior Debt, then, and in such case, the Holders shall be entitled to receive from the holders of such Senior Debt any payments or distributions received by such holders of Senior Debt in excess of the amount required to make payment in full, in cash or cash equivalents, of such Senior Debt of such holders.

Section 15.5. Obligations of Company Unconditional.

(a) Nothing contained in this Article Fifteen or elsewhere in this Indenture or in the Securities is intended to or shall impair, as among the Company and the Holders, the obligation of

the Company, which is absolute and unconditional, to pay to the Holders the principal of, premium, if any, and interest on the Securities as and when the same shall become due and payable in accordance with their terms, or is intended to or shall affect the relative rights of the Holders and creditors of the Company other than the holders of the Senior Debt, nor shall anything herein or therein prevent the Holders or the Trustee on their behalf from exercising all remedies otherwise permitted by applicable law upon default under this Indenture, subject to the rights, if any, under this Article Fifteen of the holders of the Senior Debt.

(b) Without limiting the generality of the foregoing, nothing contained in this Article Fifteen will restrict the right of the Trustee or the Holders to take any action to declare the Securities to be due and payable prior to their Stated Maturity pursuant to Section 5.1 of this Indenture or to pursue any rights or remedies hereunder; *provided, however*, that all Senior Debt then due and payable or thereafter declared to be due and payable shall first be paid in full, in cash or cash equivalents, before the Holders or the Trustee are entitled to receive any direct or indirect payment from the Company with respect to any Security.

Section 15.6. Notice to Trustee.

(a) The Company shall give prompt written notice to the Trustee of any fact known to the Company that would prohibit the making of any payment to or by the Trustee in respect of the Securities pursuant to the provisions of this Article Fifteen. The Trustee shall not be charged with the knowledge of the existence of any default or event of default with respect to any Senior Debt or of any other facts that would prohibit the making of any payment to or by the Trustee unless and until the Trustee shall have received notice in writing at its Corporate Trust Office to that effect signed by an Officer of the Company, or by a holder of Senior Debt or trustee or agent thereof; and prior to the receipt of any such written notice, the Trustee shall, subject to Article Six, be entitled to assume that no such facts exist; *provided* that, if the Trustee shall not have received the notice provided for in this Section 15.6 at least two Business Days prior to the date upon which, by the terms of this Indenture, any monies shall become payable for any purpose (including, without limitation, the payment of the principal of, premium, if any, or interest on any Security), then, notwithstanding anything herein to the contrary, the Trustee shall have full power and authority to receive any monies from the Company and to apply the same to the purpose for which they were received, and shall not be affected by any notice to the contrary that may be received by it on or after such prior date except for an acceleration of the Securities prior to such application. Nothing contained in this Section 15.6 shall limit the right of the holders of Senior Debt to recover payments as contemplated by this Article Fifteen. The foregoing shall not apply if the Paying Agent is the Company. The Trustee shall be entitled to rely on the delivery to it of a written notice by a Person representing himself or itself to be a holder of any Senior Debt (or a trustee on behalf of, or other representative of, such holder) to establish that such notice has been given by a holder of such Senior Debt or a trustee or representative on behalf of any such holder.

(b) In the event that the Trustee determines in good faith that any evidence is required with respect to the right of any Person as a holder of Senior Debt to participate in any payment or distribution pursuant to this Article Fifteen, the Trustee may request such Person to furnish evidence to the reasonable satisfaction of the Trustee as to the amount of Senior Debt held by such Person, the extent to which such Person is entitled to participate in such payment or distribution and any other facts pertinent to the rights of such Person under this Article Fifteen and, if such evidence is not furnished to the Trustee, the Trustee may defer any payment to such Person pending judicial determination as to the right of such Person to receive such payment.

Section 15.7. Reliance on Judicial Order or Certificate of Liquidating Agent.

Upon any payment or distribution of assets or securities referred to in this Article Fifteen, the Trustee and the Holders shall be entitled to rely upon any order or decree made by any court of competent jurisdiction in which bankruptcy, dissolution, winding up, liquidation or reorganization proceedings are pending, or upon a certificate of the receiver, trustee in bankruptcy, liquidating trustee, agent or other similar Person making such payment or distribution, delivered to the Trustee or to the Holders for the purpose of ascertaining the persons entitled to participate in such distribution, the holders of the Senior Debt and other Debt of the Company, the amount thereof or payable thereon, the amount or amounts paid or distributed thereon and all other facts pertinent thereto or to this Article Fifteen.

Section 15.8. Trustee's Relation to Senior Debt.

(a) The Trustee and any Paying Agent shall be entitled to all the rights set forth in this Article Fifteen with respect to any Senior Debt that may at any time be held by it in its individual or any other capacity to the same extent as any other holder of Senior Debt and nothing in this Indenture shall deprive the Trustee or any Paying Agent of any of its rights as such holder.

(b) With respect to the holders of Senior Debt, the Trustee undertakes to perform or to observe only such of its covenants and obligations as are specifically set forth in this Article Fifteen, and no implied covenants or obligations with respect to the holders of Senior Debt shall be read into this Indenture against the Trustee. The Trustee shall not be deemed to owe any fiduciary duty to the holders of Senior Debt (except as provided in Section 15.2 and Section 15.3 of this Indenture) and shall not be liable to any such holders if the Trustee shall in good faith mistakenly pay over or distribute to Holders of Securities or to the Company or to any other person cash, property or securities to which any holders of Senior Debt shall be entitled by virtue of this Article Fifteen or otherwise.

Section 15.9. Subordination Rights Not Impaired by Acts or Omissions of the Company or Holders of Senior Debt.

No right of any present or future holders of any Senior Debt to enforce subordination as provided in this Article Fifteen will at any time in any way be prejudiced or impaired by any act or failure to act on the part of the Company or by any act or failure to act, in good faith, by any such holder, or by any noncompliance by the Company with the terms of this Indenture, regardless of any knowledge thereof that any such holder may have or otherwise be charged with. The provisions of this Article Fifteen are intended to be for the benefit of, and shall be enforceable directly by, the holders of Senior Debt.

Section 15.10. Holdings Authorize Trustee to Effectuate Subordination of Securities.

Each Holder by his acceptance of any Securities authorizes and expressly directs the Trustee on his behalf to take such action as may be necessary or appropriate to effectuate the subordination provided in this Article Fifteen, and appoints the Trustee his attorney-in-fact for such purposes, including, in the event of any dissolution, winding up, liquidation or reorganization of the Company (whether in bankruptcy, insolvency, receivership, reorganization or similar proceedings or upon an assignment for the benefit of creditors or otherwise) tending towards liquidation of the property and assets of the Company, the filing of a claim for the unpaid balance of its Securities in the form required in those proceedings. If the Trustee does not file a proper claim or proof in indebtedness in the form required in such proceeding at least 30 days before the expiration of the time to file such claim or claims, each holder of Senior Debt is hereby authorized to file an appropriate claim for and on behalf of the Holders.

Section 15.11. Not to Prevent Events of Default.

The failure to make a payment on account of principal of, premium, if any, or interest on the Securities by reason of any provision of this Article Fifteen will not be construed as preventing the occurrence of an Event of Default.

Section 15.12. Trustee's Compensation Not Prejudiced.

Nothing in this Article Fifteen will apply to amounts due to the Trustee pursuant to other sections of this Indenture, including Section 6.7.

Section 15.13. No Waiver of Subordination Provisions.

Without in any way limiting the generality of Section 15.9, the holders of Senior Debt may, at any time and from time to time, without the consent of or notice to the Trustee or the Holders, without incurring responsibility to the Holders and without impairing or releasing the subordination provided in this Article Fifteen or the obligations hereunder of the Holders to the holders of Senior Debt, do any one or more of the following: (a) change the manner, place or terms of payment or extend the time of payment of, or renew or alter, Senior Debt or any instrument evidencing the same or any agreement under which Senior Debt is outstanding or secured; (b) sell, exchange, release or otherwise deal with any property pledged, mortgaged or otherwise securing Senior Debt; (c) release any Person liable in any manner for the collection of Senior Debt; and (d) exercise or refrain from exercising any rights against the Company and any other Person.

Section 15.14. Payments May Be Paid Prior to Dissolution.

Nothing contained in this Article Fifteen or elsewhere in this Indenture shall prevent (i) the Company, except under the conditions described in Section 15.2 or Section 15.3, from making payments of principal of, premium, if any, and interest on the Securities, or from depositing with the Trustee any money for such payments, or (ii) the application by the Trustee of any money deposited with it for the purpose of making such payments of principal of, premium, if any, and interest on the Securities to the holders entitled thereto unless, at least two Business Days prior to the date upon which such payment becomes due and payable, the Trustee shall have received the written notice provided for in Section 15.2(b) of this Indenture (or there shall have been an acceleration of the Securities prior to such application) or in Section 15.15 of this Indenture. The Company shall give prompt written notice to the Trustee of any dissolution, winding up, liquidation or reorganization of the Company.

Section 15.15. Trust Moneys Not Subordinated.

Notwithstanding anything contained herein to the contrary, payments from money or the proceeds of U.S. Government Obligations held in trust under Article Four by the Trustee for the payment of principal of, premium, if any, and interest on the Securities shall not be subordinated to the prior payment of any Senior Debt (provided that, at the time deposited, such deposit did not violate any then outstanding Senior Debt), and none of the Holders shall be obligated to pay over any such amount to any holder of Senior Debt.

ARTICLE SIXTEEN
SUBORDINATION OF GUARANTEES

Section 16.1. Security Guarantees Subordinated to Guarantor Senior Debt.

Each Guarantor and the Trustee each covenants and agrees, and each Holder, by its acceptance of a Security Guarantee, likewise covenants and agrees that all Guarantees shall be issued subject to the provisions of this Article Sixteen; and each Person holding any Security, whether upon original issue or upon transfer, assignment or exchange thereof, accepts and agrees that the payment of the principal of and premium, if any, and interest on each and all of the Securities shall, to the extent and in the manner set forth in this Article Sixteen, be subordinated in right of payment to the prior payment in full, in cash or cash equivalents, of all existing and future Guarantor Senior Debt of such Guarantor.

Section 16.2. No Payment on Guarantees in Certain Circumstances.

(a) No direct or indirect payment by or on behalf of any principal of and premium, if any, and interest on each and all of the Securities (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture), whether pursuant to the terms of the Guarantees or upon acceleration or otherwise shall be made if, at the time of such payment, there exists a default in the payment of all or any portion of the obligations on any Guarantor Senior Debt of such Guarantor and such default shall not have been cured or waived or the benefits of this sentence waived by or on behalf of the holders of such Guarantor Senior Debt.

(b) During the continuance of any other event of default with respect to any Designated Guarantor Senior Debt pursuant to which the maturity thereof may be accelerated, upon receipt by the Trustee of written notice from the trustee or other representative for the holders of such Designated Guarantor Senior Debt (or the holders of at least a majority in principal amount of such Designated Guarantor Senior Debt then outstanding), no payment of Senior Subordinated Obligations (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture) may be made by or on behalf of any Guarantor upon or in respect of the Guarantees for a period (a "Guarantee Payment Blockage Period") commencing on the date of receipt of such notice and ending 179 days thereafter (unless, in each case, such Guarantee Payment Blockage Period has been terminated by written notice to the Trustee from such trustee of, or other representatives for, such holders or by payment in full in cash or cash equivalents of such Designated Guarantor Senior Debt or such event of default has been cured or waived). Not more than one Guarantee Payment Blockage Period may be commenced with respect to the Guarantees during any period of 360 consecutive days. Notwithstanding anything in this Indenture to the contrary, there must be 180 consecutive days in any 360-day period in which no Guarantee Payment Blockage Period is in effect. No event of default that existed or was continuing (it being acknowledged that any subsequent action that would give rise to an event of default pursuant to any provision under which an event of default previously existed or was continuing shall constitute a new event of default for this purpose) on the date of the commencement of any Guarantee Payment Blockage Period with respect to the Designated Guarantor Senior Debt initiating such Guarantee Payment Blockage Period shall be, or shall be made, the basis for the commencement of a second Guarantee Payment Blockage Period by the trustee or other representative for the holders of such Designated Guarantor Senior Debt, whether or not within a period of 360 consecutive days, unless such event of default shall have been cured or waived for a period of not less than 90 consecutive days.

(c) In the event that, notwithstanding the foregoing, any payment shall be received by the Trustee or any Holder when such payment is prohibited by clause (a) or (b) above, the Trustee shall promptly notify the holders of Guarantor Senior Debt of such prohibited payment and such payment shall be held in trust for the benefit of, and shall be paid over or delivered to, the holders of Guarantor Senior Debt or their respective representatives, or to the trustee or trustees under any indenture pursuant to which any of such Guarantor Senior Debt may have been issued, as their respective interests may appear, but only to the extent that, upon notice from the Trustee to the holders of Guarantor Senior Debt that such prohibited payment has been made, the holders of the Guarantor Senior Debt (or their representative or representatives of a trustee) within 30 days of receipt of such notice from the Trustee notify the Trustee of the amounts then due and owing on the Guarantor Senior Debt, if any, and only the amounts specified in such notice to the Trustee shall be paid to the holders of Guarantor Senior Debt and any excess above such amounts due and owing on Guarantor Senior Debt shall be paid to such Guarantor.

Section 16.3. Payment over Proceeds upon Dissolution, Etc.

(a) Upon any payment or distribution of assets or securities of a Guarantor of any kind or character, whether in cash, property or securities (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture), in connection with any dissolution or winding up or total or partial liquidation or reorganization of such Guarantor, whether voluntary or involuntary, or in bankruptcy, insolvency, receivership or other proceedings or other marshalling of assets for the benefit of creditors, all amounts due or to become due upon all Guarantor Senior Debt shall first be paid in full, in cash or cash equivalents, before the Holders or the Trustee on their behalf shall be entitled to receive any payment by (or on behalf of) such Guarantor on account of Senior Subordinated Obligations, or any payment to acquire any of the Guarantees for cash, property or securities, or any distribution with respect to the Guarantees of any cash, property or securities. Before any payment may be made by, or on behalf of, any Guarantor on any Senior Subordinated Obligations (other than with the money, securities or proceeds held under any defeasance trust established in accordance with this Indenture), in connection with any such dissolution, winding up, liquidation or reorganization, any payment or distribution of assets or securities for such Guarantor of any kind or character, whether in cash, property or securities, to which the Holders or the Trustee on their behalf would be entitled, but for the provisions of this Article Sixteen, shall be made by such Guarantor or by any receiver, trustee in bankruptcy, liquidating trustee, agent or other similar Person making such payment or distribution or by the Holders or the Trustee if received by them or it, directly to the holders of Guarantor Senior Debt (pro rata to such holders on the basis of the respective amounts of Guarantor Senior Debt held by such holders) or their representatives or to any trustee or trustees under any indenture pursuant to which any such Guarantor Senior Debt may have been issued, as their respective interests appear, to the extent necessary to pay all such Guarantor Senior Debt in full, in cash or cash equivalents, after giving effect to any concurrent payment, distribution or provision therefor to or for the holders of such Guarantor Senior Debt.

(b) To the extent any payment of Guarantor Senior Debt (whether by or on behalf of any Guarantor, as proceeds of security or enforcement of any right of setoff or otherwise) is declared to be fraudulent or preferential, set aside or required to be paid to any receiver, trustee in bankruptcy, liquidating trustee, agent or other similar Person under any bankruptcy, insolvency, receivership, fraudulent conveyance or similar law, then if such payment is recovered by, or paid over to, such receiver, trustee in bankruptcy, liquidating trustee or other similar Person, the Guarantor Senior Debt or part thereof originally intended to be satisfied shall be deemed to be reinstated and outstanding as if such payment had not occurred. To the extent the obligation to repay any Guarantor Senior Debt is declared to be fraudulent, invalid, or otherwise set aside

under any bankruptcy, insolvency, receivership, fraudulent conveyance or similar law, then the obligation so declared fraudulent, invalid or otherwise set aside (and all other amounts that would come due with respect thereto had such obligation not been so affected) shall be deemed to be reinstated and outstanding as Guarantor Senior Debt for all purposes hereof as if such declaration, invalidity or setting aside had not occurred.

(c) In the event that, notwithstanding clause (a) above prohibiting such payment or distribution, any payment or distribution of assets or securities of any Guarantor of any kind or character, whether in cash, property or securities, shall be received by the Trustee or any Holder at a time when such payment or distribution is prohibited by clause (a) above and before all obligations in respect of Guarantor Senior Debt are paid in full, in cash or cash equivalents, such payment or distribution shall be received and held in trust for the benefit of, and shall be paid over or delivered to, the holders of Guarantor Senior Debt (pro rata to such holders on the basis of the respective amounts of Guarantor Senior Debt held by such holders) or their representatives or to any trustee or trustees under any indenture pursuant to which any such Guarantor Senior Debt may have been issued, as their respective interests appear, for application to the payment of all such Guarantor Senior Debt remaining unpaid in full, in cash or cash equivalents, after giving effect to any concurrent payment, distribution or provision therefor to or for the holders of such Guarantor Senior Debt.

(d) For purposes of this Section 16.3, the words "cash, property or securities" shall not be deemed to include, so long as the effect of this clause is not to cause the Guarantees to be treated in any case or proceeding or similar event described in this Section 16.3 as part of the same class of claims as the Guarantor Senior Debt or any class of claims *pari passu* with, or senior to, the Guarantor Senior Debt for any payment or distribution, securities of any Guarantor or any other corporation provided for by a plan of reorganization or readjustment that are subordinated, at least to the extent that the Guarantees are subordinated, to the payment of all Guarantor Senior Debt then outstanding; *provided* that (1) if a new corporation results from such reorganization or readjustment, such corporation assumes the Guarantor Senior Debt and (2) the rights of the holders of the Guarantor Senior Debt are not, without the consent of such holders, altered by such reorganization or readjustment. The consolidation of a Guarantor with, or the merger of a Guarantor with or into, another corporation or the liquidation or dissolution of a Guarantor following the sale, conveyance, transfer, lease or other disposition of all or substantially all of its property and assets to another corporation upon the terms and conditions provided in Article Eight of this Indenture shall not be deemed a dissolution, winding up, liquidation or reorganization for the purposes of this Section 16.3 if such other corporation shall, as a part of such consolidation, merger, sale, conveyance, transfer, lease or other disposition, comply (to the extent required) with the conditions stated in Article Eight of this Indenture.

Section 16.4. Subrogation.

(a) Upon the payment in full of all Guarantor Senior Debt in cash or cash equivalents, the Holders shall be subrogated to the rights of the holders of Guarantor Senior Debt to receive payments or distributions of cash, property or securities of the Guarantors made on such Guarantor Senior Debt until all obligations arising under the Guarantees shall be paid in full; and, for the purposes of such subrogation, no payments or distributions to the holders of the Guarantor Senior Debt of any cash, property or securities to which the Holders or the Trustee on their behalf would be entitled except for the provisions of this Article Sixteen, and no payment pursuant to the provisions of this Article Sixteen to the holders of Guarantor Senior Debt by the Holders or the Trustee on their behalf shall, as between each Guarantor, its creditors other than holders of Guarantor Senior Debt, and the Holders, be deemed to be a payment by such Guarantor

to or on account of the Guarantor Senior Debt. It is understood that the provisions of this Article Sixteen are intended solely for the purpose of defining the relative rights of the Holders, on the one hand, and the holders of the Guarantor Senior Debt, on the other hand.

(b) If any payment or distribution to which the Holders would otherwise have been entitled but for the provisions of this Article Sixteen shall have been applied, pursuant to the provisions of this Article Sixteen, to the payment of all amounts payable under Guarantor Senior Debt, then, and in such case, the Holders shall be entitled to receive from the holders of such Guarantor Senior Debt any payments or distributions received by such holders of Guarantor Senior Debt in excess of the amount required to make payment in full, in cash or cash equivalents, of such Guarantor Senior Debt of such holders.

Section 16.5. Obligations of Subsidiary Guarantor Unconditional.

(a) Nothing contained in this Article Sixteen or elsewhere in this Indenture or in the Securities is intended to or shall impair, as among the Guarantors and the Holders, the obligation of such Guarantors, which is absolute and unconditional, to pay to the Holders all obligations arising under the Guarantees as and when the same shall become due and payable in accordance with their terms, or is intended to or shall affect the relative rights of the Holders and creditors of the Guarantors other than the holders of the Guarantor Senior Debt, nor shall anything herein or therein prevent the Holders or the Trustee on their behalf from exercising all remedies otherwise permitted by applicable law upon default under this Indenture, subject to the rights, if any, under this Article Sixteen of the holders of the Guarantor Senior Debt.

(b) Without limiting the generality of the foregoing, nothing contained in this Article Sixteen will restrict the right of the Trustee or the Holders to take any action to declare the Securities to be due and payable prior to their Stated Maturity pursuant to Section 5.1 of this Indenture or to pursue any rights or remedies hereunder; provided, however, that all Guarantor Senior Debt then due and payable or thereafter declared to be due and payable shall first be paid in full, in cash or cash equivalents, before the Holders or the Trustee are entitled to receive any direct or indirect payment from any Guarantor on the Securities.

Section 16.6. Notice to Trustee.

(a) Each Guarantor shall give prompt written notice to the Trustee of any fact known to such Guarantor that would prohibit the making of any payment to or by the Trustee in respect of the Guarantees pursuant to the provisions of this Article Sixteen. The Trustee shall not be charged with the knowledge of the existence of any default or event of default with respect to any Guarantor Senior Debt of any Guarantor or of any other facts that would prohibit the making of any payment to or by the Trustee unless and until the Trustee shall have received notice in writing at its Corporate Trust Office to that effect signed by an Officer of such Guarantor, or by a holder of such Guarantor Senior Debt or trustee or agent thereof; and prior to the receipt of any such written notice, the Trustee shall, subject to Article Six, be entitled to assume that no such facts exist; *provided* that, if the Trustee shall not have received the notice provided for in this Section 16.6 at least two Business Days prior to the date upon which, by the terms of this Indenture, any monies shall become payable for any purpose (including, without limitation, the payment of all obligations arising under any Security Guarantee), then, notwithstanding anything herein to the contrary, the Trustee shall have full power and authority to receive any monies from such Guarantor and to apply the same to the purpose for which they were received, and shall not be affected by any notice to the contrary that may be received by it on or after such prior date except for an acceleration of the Securities prior to such application. Nothing contained in this

Section 16.6 shall limit the right of the holders of Guarantor Senior Debt to recover payments as contemplated by this Article Sixteen. The foregoing shall not apply if the Paying Agent is the Company. The Trustee shall be entitled to rely on the delivery to it of a written notice by a Person representing himself or itself to be a holder of any Guarantor Senior Debt (or a trustee on behalf of, or other representative of, such holder) to establish that such notice has been given by a holder of such Guarantor Senior Debt or a trustee or representative on behalf of any such holder.

(b) In the event that the Trustee determines in good faith that any evidence is required with respect to the right of any Person as a holder of Guarantor Senior Debt to participate in any payment or distribution pursuant to this Article Sixteen, the Trustee may request such Person to furnish evidence to the reasonable satisfaction of the Trustee as to the amount of Guarantor Senior Debt held by such Person, the extent to which such Person is entitled to participate in such payment or distribution and any other facts pertinent to the rights of such Person under this Article Sixteen and, if such evidence is not furnished to the Trustee, the Trustee may defer any payment to such Person pending judicial determination as to the right of such Person to receive such payment.

Section 16.7. Reliance on Judicial Order or Certificate of Liquidating Agent.

Upon any payment or distribution of assets or securities referred to in this Article Sixteen, the Trustee and the Holders shall be entitled to rely upon any order or decree made by any court of competent jurisdiction in which bankruptcy, dissolution, winding up, liquidation or reorganization proceedings are pending, or upon a certificate of the receiver, trustee in bankruptcy, liquidating trustee, agent or other similar Person making such payment or distribution, delivered to the Trustee or to the Holders for the purpose of ascertaining the persons entitled to participate in such distribution, the holders of the Guarantor Senior Debt and other Debt of a Guarantor, the amount thereof or payable thereon, the amount or amounts paid or distributed thereon and all other facts pertinent thereto or to this Article Sixteen.

Section 16.8. Trustee's Relation to Guarantor Senior Debt.

(a) The Trustee and any Paying Agent shall be entitled to all the rights set forth in this Article Sixteen with respect to any Guarantor Senior Debt that may at any time be held by it in its individual or any other capacity to the same extent as any other holder of Guarantor Senior Debt and nothing in this Indenture shall deprive the Trustee or any Paying Agent of any of its rights as such holder.

(b) With respect to the holders of Guarantor Senior Debt, the Trustee undertakes to perform or to observe only such of its covenants and obligations as are specifically set forth in this Article Sixteen, and no implied covenants or obligations with respect to the holders of Guarantor Senior Debt shall be read into this Indenture against the Trustee. The Trustee shall not be deemed to owe any fiduciary duty to the holders of Guarantor Senior Debt (except as provided in Section 16.2(c) and Section 16.3(c) of this Indenture) and shall not be liable to any such holders if the Trustee shall in good faith mistakenly pay over or distribute to Holders of Guarantees or to a Guarantor or to any other person cash, property or securities to which any holders of Guarantor Senior Debt shall be entitled by virtue of this Article Sixteen or otherwise.

Section 16.9. Subordination Rights Not Impaired by Acts or Omissions of a Guarantor or Holders of Guarantor Senior Debt.

No right of any present or future holders of any Guarantor Senior Debt to enforce subordination as provided in this Article Sixteen will at any time in any way be prejudiced or impaired by any act or

failure to act on the part of a Guarantor or by any act or failure to act, in good faith, by any such holder, or by any noncompliance by such Guarantor with the terms of this Indenture, regardless of any knowledge thereof that any such holder may have or otherwise be charged with. The provisions of this Article Sixteen are intended to be for the benefit of, and shall be enforceable directly by, the holders of Guarantor Senior Debt.

Section 16.10. Holder's Authorize Trustee to Effectuate Subordination of Guarantees.

Each Holder by his acceptance of any Guarantees authorizes and expressly directs the Trustee on his behalf to take such action as may be necessary or appropriate to effectuate the subordination provided in this Article Sixteen, and appoints the Trustee his attorney-in-fact for such purposes, including, in the event of any dissolution, winding up, liquidation or reorganization of a Guarantor (whether in bankruptcy, insolvency, receivership, reorganization or similar proceedings or upon an assignment for the benefit of creditors or otherwise) tending towards liquidation of the property and assets of such Guarantor, the filing of a claim for the unpaid balance of its Guarantees in the form required in those proceedings. If the Trustee does not file a proper claim or proof in indebtedness in the form required in such proceeding at least 30 days before the expiration of the time to file such claim or claims, each holder of Guarantor Senior Debt is hereby authorized to file an appropriate claim for and on behalf of the Holders.

Section 16.11. Not to Prevent Events of Default.

The failure to fulfill any obligation arising under the Guarantees by reason of any provision of this Article Sixteen will not be construed as preventing the occurrence of an Event of Default.

Section 16.12. Trustee's Compensation Not Prejudiced.

Nothing in this Article Sixteen will apply to amounts due to the Trustee pursuant to other sections of this Indenture, including Section 6.7.

Section 16.13. No Waiver of Subordination Provisions.

Without in any way limiting the generality of Section 16.9, the holders of Guarantor Senior Debt may, at any time and from time to time, without the consent of or notice to the Trustee or the Holders, without incurring responsibility to the Holders and without impairing or releasing the subordination provided in this Article Sixteen or the obligations hereunder of the Holders to the holders of Guarantor Senior Debt, do any one or more of the following: (a) change the manner, place or terms of payment or extend the time of payment of, or renew or alter, Guarantor Senior Debt or any instrument evidencing the same or any agreement under which Guarantor Senior Debt is outstanding or secured; (b) sell, exchange, release or otherwise deal with any property pledged, mortgaged or otherwise securing Senior Debt; (c) release any Person liable in any manner for the collection of Guarantor Senior Debt; and (d) exercise or refrain from exercising any rights against the Company and any other Person.

Section 16.14. Payments May Be Paid Prior to Dissolution.

Nothing contained in this Article Sixteen or elsewhere in this Indenture shall prevent (i) a Guarantor, except under the conditions described in Section 16.2 or Section 16.3, from fulfilling any obligation arising under the Guarantees, or from depositing with the Trustee any money for such payments, or (ii) the application by the Trustee of any money deposited with it for the purpose of fulfilling any obligation arising under the Guarantees to the holders entitled thereto unless, at least two Business Days prior to the date upon which such payment becomes due and payable, the Trustee shall have received the written notice provided for in Section 16.2(b) of this Indenture (or there shall have been

an acceleration of the Guarantees prior to such application) or in Section 16.6 of this Indenture. The Company shall give prompt written notice to the Trustee of any dissolution, winding up, liquidation or reorganization of such Guarantor.

* * *

This instrument may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed, and their respective corporate seals to be hereunto affixed and attested, all as of the day and year first above written.

ACTIVE POWER, INC.

By: _____

Name: _____

Title: _____

Active Power, Inc.

COMPUTATION OF RATIO OF EARNINGS TO FIXED CHARGES

	Years Ended December 31,					Six months ended June 30, 2006
	2001	2002	2003	2004	2005	
	(in thousands, except for ratios)					
Available Earnings						
Pretax income (loss) from operations and interest expense	\$ (27,962)	\$ (27,623)	\$ (21,703)	\$ (27,780)	\$ (22,891)	\$ (12,044)
Fixed Charges						
Interest expense	—	—	—	—	—	—
Total fixed charges	—	—	—	—	—	—
Earnings (loss) available to cover fixed charges	<u>\$ (27,692)</u>	<u>\$ (27,623)</u>	<u>\$ (21,703)</u>	<u>\$ (27,780)</u>	<u>\$ (22,891)</u>	<u>\$ (12,044)</u>
Ratio of earnings to fixed charges (1)	—	—	—	—	—	—

- (1) Earnings were inadequate to cover fixed charges by \$27.7 million, \$27.6 million, \$21.7 million, \$27.8 million, \$22.9 million and \$12 million for the years ended December 31, 2001, 2002, 2003, 2004 and 2005 and the six months ended June 30, 2006, respectively.

Consent of Independent Registered Public Accounting Firm

We consent to the reference to our firm under the caption "Experts" in this Registration Statement (Form S-3) and related Prospectus of Active Power, Inc. for the registration of Debt Securities, Preferred Stock, Common Stock, and Debt and Equity Warrants and Units and to the incorporation by reference therein of our reports dated February 24, 2006, with respect to the consolidated financial statements and schedule(s) of Active Power, Inc, Active Power, Inc.'s management's assessment of the effectiveness of internal control over financial reporting, and the effectiveness of internal control over financial reporting of Active Power, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2005, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Austin, Texas
August 31, 2006