

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

AMENDMENT NO. 1
ON
FORM S-3 TO FORM S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933
CVR ENERGY, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation or organization)

61-1512186
(I.R.S. Employer Identification No.)

2277 Plaza Drive, Suite 500
Sugar Land, Texas 77479
(281) 207-3200
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

John J. Lipinski
2277 Plaza Drive, Suite 500
Sugar Land, Texas 77479
(281) 207-3200
(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:
Michael A. Levitt
Fried, Frank, Harris, Shriver & Jacobson LLP
One New York Plaza
New York, NY 10004
(212) 859-8000

Approximate date of commencement of proposed sale to the public:
From time to time after the effective date of this registration statement as determined by market conditions and other factors.

If the only securities being registered on this Form are being 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, 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.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):
Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered	Proposed Maximum Offering Price per Unit	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Primary Offering (1)				
Common Stock, par value \$0.01 per share	(2)(3)	(3)(4)	(3)(5)	(3)
Preferred Stock, par value \$0.01 per share	(2)(3)	(3)(4)	(3)(5)	(3)
Senior Debt Securities and Subordinated Debt Securities (collectively, "Debt Securities")	(2)(3)	(3)(4)	(3)(5)	(3)
Warrants	(2)(3)	(3)(4)	(3)(5)	(3)
Subscription Rights	(2)(3)	(3)(4)	(3)(5)	(3)
Total Primary Offering	(2)(3)	(3)(4)	\$250,000,000(6)	\$9,829(6)
Secondary Offering:				
Common Stock, par value \$0.01 per share	11,500,000(7)	\$25.51(8)	\$293,365,000(8)(9)	\$11,530(10)
Common Stock, par value \$0.01 per share	3,500,000(7)	\$6.08(8)	\$21,200,000(8)(9)	\$837(10)
Total Secondary Offering	15,000,000(7)		\$314,645,000(8)(9)	\$12,367(10)
Total			\$564,645,000	\$22,196(10)

- These offered securities may be sold separately, together or as units with other offered securities.
- An indeterminate number or amount of the registrant's securities may from time to time be issued at indeterminate prices and sold by the registrant pursuant to this registration statement.
- Not required to be included in accordance with General Instruction II.D of Form S-3 under the Securities Act.
- The proposed maximum offering price per unit will be determined from time to time in connection with the issuance by the registrant of the securities registered hereunder.
- In no event will the aggregate offering price of all securities issued from time to time pursuant to this registration statement for the primary offering exceed \$250,000,000, unless the Registrant files an additional registration statement in accordance with Rule 462(b) under the Securities Act.
- The registrant paid a fee of \$11,530 in connection with the initial filing of this registration statement on June 19, 2008. In addition, the registrant paid a filing fee of \$4,745 with respect to the registration statement on Form S-1 for common units representing limited partner interests of CVR Partners, LP, its majority-owned subsidiary, file no. 333-149423, which registration statement was withdrawn on June 19, 2008, and \$5,850 with respect to its registration statement on Form S-1 for convertible senior notes due 2013, file no. 333-151786, which registration statement was withdrawn on November 4, 2008. Pursuant to Rule 457(p) under the rules and regulations of the Securities Act, all of the filing fees paid in connection with the withdrawn registration statements are offset against the filing fee due in connection with this registration statement.
- Pursuant to Rule 416(a) under the rules and regulations under the Securities Act, this registration statement also registers such additional shares of the registrant's common stock as may become issuable with respect to the shares being registered hereunder as a result of stock splits, stock dividends or similar transactions.
- In the case of 11,500,000 of the shares of common stock to be sold by the selling stockholders pursuant to this registration statement, the proposed maximum offering price per unit of \$25.51 was computed based on the average of the high and low prices reported for the registrant's common stock traded on the New York Stock Exchange on June 13, 2008; this computation was made when the registration statement was originally filed on June 19, 2008 and resulted in a filing fee of \$11,530. In the case of 3,500,000 shares of common stock to be sold by the selling stockholders pursuant to this registration statement, the proposed maximum offering price per unit of \$6.08 was computed based on the average of the high and low prices reported for the registrant's common stock traded on the New York Stock Exchange on February 9, 2009 and resulted in a filing fee of \$837. For 11,500,000 of the shares, the maximum offering price per unit is \$25.51 and the bona fide estimate of the maximum offering price is \$293,365,000. For 3,500,000 of the shares, the maximum offering price per unit is \$6.08 and the bona fide estimate of the maximum offering price is \$21,280,000. However, the maximum offering price per unit and the maximum aggregate offering price are included herein solely for purposes of calculating the registration fee, and the maximum aggregate offering price for the 15,000,000 shares in the aggregate may exceed \$314,645,000 if the shares are sold at prices higher than their estimated maximum offering prices per unit.
- Estimated solely for the purpose of calculating the amount of the registration fee pursuant to Rule 457(o) under the rules and regulations of the Securities Act.
- Previously paid on June 19, 2008.

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 the Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. Neither we nor the Selling Stockholders may 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 soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion. Dated February 12, 2009.



CVR Energy, Inc.

Common Stock
Preferred Stock
Debt Securities
Warrants
Subscription Rights

CVR Energy, Inc. may offer to sell under this prospectus, from time to time, shares of common stock, preferred stock (including preferred stock that may be convertible into or exchangeable for common stock), senior or subordinated debt securities (including senior or subordinated debt securities that may be convertible into or exchangeable for common stock) and warrants and subscription rights to purchase any of the other securities that may be sold by us under this prospectus. In addition, the selling stockholders named in this prospectus may offer for resale, from time to time, up to 15,000,000 shares of our common stock. We refer to our common stock (whether offered by us or the selling stockholders), our preferred stock, our debt securities, our warrants and our subscription rights collectively as securities.

The securities may be offered or sold by us or a selling stockholder at fixed prices, at prevailing market prices at the time of sale or at prices negotiated with purchasers, to or through underwriters, broker-dealers, agents, or through any other means described in this prospectus under "Plan of Distribution." We will bear all costs, expenses and fees in connection with the registration of the securities. The selling stockholders will pay all commissions and discounts, if any, attributable to the sale or disposition of their shares of our common stock, or interests therein.

Our common stock, par value \$0.01 per share, is listed on the New York Stock Exchange under the symbol "CVI." As of February 9, 2009, the closing price of our common stock was \$6.14.

This prospectus describes the general manner in which securities may be offered and sold by us and the selling stockholders. We will provide supplements to this prospectus describing the specific manner in which these securities may be offered and sold to the extent required by law. We urge you to read carefully this prospectus, any accompanying prospectus supplement, and any documents we incorporate by reference into this prospectus and any accompanying prospectus supplement before you make your investment decision.

We and the selling stockholders may sell securities to or through underwriters, dealers or agents. The names of any underwriters, dealers or agents involved in the sale of any securities and the specific manner in which they may be offered will be set forth in the prospectus supplement covering the sale of those securities to the extent required by law.

Investing in our securities involves risks. You should carefully consider all of the information set forth in this prospectus, including the risk factors described under "Risk Factors" filed as Exhibit 99.1 to our most recent Quarterly Report on Form 10-Q for the fiscal quarter ended September 30, 2008 filed with the Securities and Exchange Commission on November 13, 2008 (which document is incorporated by reference herein), as well as the risk factors and other information in any accompanying prospectus supplement and any documents we incorporate by reference into this prospectus and any accompanying prospectus supplement, before deciding to invest in any of our securities. See "Incorporation By Reference."

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2009.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, which we refer to as the SEC, using the SEC's "shelf" registration rules. Pursuant to this prospectus, we may sell, from time to time, any combination of the securities described in this prospectus in one or more offerings in an aggregate amount not to exceed \$250 million, subject to our ability to file a registration statement pursuant to Rule 462(b) under the Securities Act of 1933, as amended (the "Securities Act"), and the selling stockholders named on page 8 may, from time to time, sell up to a total of 15,000,000 shares of our common stock described in this prospectus in one or more offerings.

In this prospectus, all references to the "Company," "CVR Energy," "we," "us" and "our" refer to CVR Energy, Inc., a Delaware corporation, and its consolidated subsidiaries, and all references to the "nitrogen fertilizer business" and "the Partnership" refer to CVR Partners, LP, a Delaware limited partnership that owns and operates our nitrogen fertilizer facility, unless the context otherwise requires or where otherwise indicated. The Company currently owns all of the interests in the Partnership other than the managing general partner interest and associated incentive distribution rights.

When we or one or more selling stockholders sells securities under this prospectus, we will, if necessary and required by law, provide a prospectus supplement that will contain specific information about the terms of that offering. Any prospectus supplement may also add to, update, modify or replace information contained in this prospectus. This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by reference to the actual documents. Copies of some of the documents referred to herein have been filed or will be filed or incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below in the section entitled "Where You Can Find More Information."

You should not assume that the information in this prospectus, any accompanying prospectus supplement or any documents we incorporate by reference into this prospectus and any prospectus supplement is accurate as of any date other than the date on the front of those documents. Our business, financial condition, results of operations and prospects may have changed since those dates.

PROSPECTUS SUMMARY

We are an independent refiner and marketer of high value transportation fuels and, through a limited partnership, a producer of ammonia and urea ammonia nitrate, or UAN, fertilizers. We are one of only eight petroleum refiners and marketers located within the mid-continent region (Kansas, Oklahoma, Missouri, Nebraska and Iowa). The nitrogen fertilizer business is the only operation in North America that utilizes a petroleum coke, or pet coke, gasification process.

Our petroleum business includes a 115,000 barrel per day, or bpd, complex full coking medium-sour crude refinery in Coffeyville, Kansas. In addition, our supporting businesses include (1) a crude oil gathering system serving central Kansas, northern Oklahoma, southwestern Nebraska and Colorado, (2) storage and terminal facilities for asphalt and refined fuels in Phillipsburg, Kansas, (3) a 145,000 bpd pipeline system that transports crude oil to our refinery and associated crude oil storage tanks with a capacity of approximately 1.2 million barrels and (4) a rack marketing division supplying product through tanker trucks for distribution directly to customers located in close geographic proximity to Coffeyville and Phillipsburg and to customers at throughput terminals on Magellan Midstream Partners L.P.'s refined products distribution systems. In addition to rack sales, we make bulk sales (sales through third party pipelines) into the mid-continent markets via Magellan and into Colorado and other destinations utilizing the product pipeline networks owned by Magellan, Enterprise Products Partners L.P. and NuStar Energy L.P. Our refinery is situated approximately 100 miles from Cushing, Oklahoma, one of the largest crude oil trading and storage hubs in the United States, served by numerous pipelines from locations including the U.S. Gulf Coast and Canada, providing us with access to virtually any crude oil variety in the world capable of being transported by pipeline.

The nitrogen fertilizer business consists of a nitrogen fertilizer manufacturing facility comprised of (1) a 1,225 ton-per-day ammonia unit, (2) a 2,025 ton-per-day UAN unit and (3) an 84 million standard cubic foot per day gasifier complex. The nitrogen fertilizer business is the only operation in North America that utilizes a petroleum coke gasification process to produce ammonia. For the nine months ended September 30, 2008, approximately 70% of the ammonia produced by the fertilizer plant was further upgraded to UAN fertilizer (a solution of urea, ammonium nitrate and water used as a fertilizer). Furthermore, on average during the last four years, over 75% of the pet coke utilized by the fertilizer plant was produced and supplied to the fertilizer plant as a by-product of our refinery. As such, the nitrogen fertilizer business benefits from high natural gas prices, as fertilizer prices generally increase with natural gas prices, without a directly related change in cost (because pet coke rather than natural gas is used as a primary raw material).

CVR Energy, Inc. was incorporated in Delaware in September 2006. Our principal executive offices are located at 2277 Plaza Drive, Suite 500, Sugar Land, Texas 77479, and our telephone number is (281) 207-3200. Our website address is www.cvrenergy.com. Information contained in or linked to or from our website is not a part of this prospectus.

RISK FACTORS

You should carefully consider the "Risk Factors" filed as Exhibit 99.1 to our most recent Quarterly Report on Form 10-Q for the quarter ended September 30, 2008, filed with the SEC on November 13, 2008 (which document is incorporated by reference herein), as well as other risk factors described under the caption "Risk Factors" in any accompanying prospectus supplement and any documents we incorporate by reference into this prospectus, including all future filings we make with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 (the "Exchange Act"), before deciding to invest in any of our securities. See "Incorporation By Reference."

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains forward-looking statements. We claim the protection of the safe harbor for forward-looking statements provided in the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act and Section 21E of the Exchange Act. Statements that are predictive in nature, that depend upon or refer to future events or conditions or that include the words "believe," "expect," "anticipate," "intend," "estimate" and other expressions that are predictions of or indicate future events and trends and that do not relate to historical matters identify forward-looking statements. Our forward-looking statements include statements about our business strategy, our industry, our future profitability, our expected capital expenditures and the impact of such expenditures on our performance, the costs of operating as a public company, our capital programs and environmental expenditures. These statements involve known and unknown risks, uncertainties and other factors, including the factors described under "Risk Factors," that may cause our actual results and performance to be materially different from any future results or performance expressed or implied by these forward-looking statements. Such risks and uncertainties include, among other things:

- volatile margins in the refining industry;
- exposure to the risks associated with volatile crude prices;
- the availability of adequate cash and other sources of liquidity for our capital needs;
- disruption of our ability to obtain an adequate supply of crude oil;
- losses due to the Cash Flow Swap;
- decreases in the light/heavy and/or the sweet/sour crude oil price spreads;
- losses, damages and lawsuits related to the flood and crude oil discharge that occurred in June/July 2007;
- the failure of our new and redesigned equipment in our facilities to perform according to expectations;
- interruption of the pipelines supplying feedstock and in the distribution of our products;
- competition in the petroleum and nitrogen fertilizer businesses;
- capital expenditures required by environmental laws and regulations;
- changes in our credit profile;
- the potential decline in the price of natural gas, which historically has correlated with the market price for nitrogen fertilizer products;
- the cyclical nature of the nitrogen fertilizer business;
- adverse weather conditions, including potential floods and other natural disasters;
- the supply and price levels of essential raw materials;
- the volatile nature of ammonia, potential liability for accidents involving ammonia that cause severe damage to property and/or injury to the environment and human health and potential increased costs relating to transport of ammonia;
- the dependence of the nitrogen fertilizer operations on a few third-party suppliers;
- the reliance of the nitrogen fertilizer business on third-party providers of transportation services and equipment;
- environmental laws and regulations affecting the end-use and application of fertilizers;
- a decrease in ethanol production;

- the potential loss of the nitrogen fertilizer business' transportation cost advantage over its competitors;
- refinery operating hazards and interruptions, including unscheduled maintenance or downtime, and the availability of adequate insurance coverage;
- our commodity derivative activities;
- uncertainty regarding our ability to recover costs and losses resulting from the flood and crude oil discharge;
- our dependence on significant customers;
- our potential inability to successfully implement our business strategies, including the completion of significant capital programs;
- the success of our acquisition and expansion strategies;
- the dependence on our subsidiaries for cash to meet our debt obligations;
- our significant indebtedness;
- whether we will be able to amend our credit facility on acceptable terms if the Partnership seeks to consummate a public or private offering;
- the potential loss of key personnel;
- labor disputes and adverse employee relations;
- risks relating to evaluations of internal controls required by Section 404 of the Sarbanes-Oxley Act of 2002, as amended;
- the operation of our company as a "controlled company";
- new regulations concerning the transportation of hazardous chemicals, risks of terrorism and the security of chemical manufacturing facilities;
- successfully defending against third-party claims of intellectual property infringement;
- our ability to continue to license the technology used in our operations;
- the possibility that Partnership distributions to us will decrease if the Partnership issues additional equity interests and that our rights to receive distributions will be subordinated to the rights of third party investors;
- the possibility that we will be required to deconsolidate the Partnership from our financial statements in the future;
- the Partnership's preferential right to pursue certain business opportunities before we pursue them;
- reduction of our voting power in the Partnership if the Partnership completes a public offering or private placement;
- whether we will be required to purchase the managing general partner interest in the Partnership, and whether we will have the requisite funds to do so;
- the possibility that we will be required to sell a portion of our interests in the Partnership in the Partnership's initial offering at an undesirable time or price;
- the ability of the Partnership to manage the nitrogen fertilizer business in a manner adverse to our interests;

- the conflicts of interest faced by our senior management, which operates both our company and the Partnership, and our controlling stockholders, who control our company and the managing general partner of the Partnership;
- limitations on the fiduciary duties owed by the managing general partner of the Partnership, which are included in the partnership agreement of the Partnership;
- whether we are ever deemed to be an investment company under the 1940 Act or will need to take actions to sell interests in the Partnership or buy assets to refrain from being deemed an investment company; and
- transfer of control of the managing general partner of the Partnership to a third party that may have no economic interest in us.

You should not place undue reliance on our forward-looking statements. Although forward-looking statements reflect our good faith beliefs at the time made, reliance should not be placed on forward-looking statements because they involve known and unknown risks, uncertainties and other factors, which may cause our actual results, performance or achievements to differ materially from anticipated future results, performance or achievements expressed or implied by such forward-looking statements. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, changed circumstances or otherwise.

This list of factors is illustrative, but by no means exhaustive. Accordingly, all forward-looking statements should be evaluated with the understanding of their inherent uncertainty. You are advised to consult any further disclosures we make on related subjects in the reports we file with the SEC pursuant to Sections 13(a), 13(c), 14, or 15(d) of the Exchange Act.

USE OF PROCEEDS

We will disclose the use of proceeds from any offering of securities by the Company in a prospectus supplement. We will not receive any proceeds from the sale of shares of our common stock by the selling stockholders identified in this prospectus, their pledgees, donees, transferees or other successors in interest. The selling stockholders will receive all of the net proceeds from the sale of their shares of our common stock. See "Selling Stockholders."

RATIO OF EARNINGS TO FIXED CHARGES

The following table presents our historical ratio of earnings to fixed charges for the nine months ended September 30, 2008 and for each accounting period during the five year period ended December 31, 2007. We have not presented a ratio of earnings to combined fixed charges and preferred stock dividends because we did not have preferred stock outstanding during any such period. Therefore, our ratio of earnings to combined fixed charges and preferred stock dividends for any given period is equivalent to our ratio of earnings to fixed charges.

For purposes of this table, earnings consist of pre-tax income (loss) from continuing operations before adjustments for minority interest in consolidated subsidiary, plus fixed charges (excluding capitalized interest, but including amortization of amounts previously capitalized). Fixed charges consist of interest (including capitalized interest) on all debt, amortization of debt expenses incurred on issuance, loss or extinguishment of debt and an estimate of the interest within rental expense.

	Original Predecessor		Immediate Predecessor		Successor			Nine Months Ended September 30, 2008 (unaudited) 7.2x
	Year Ended December 31, 2003	62 Days Ended March 2, 2004	304 Days Ended December 31, 2004	174 Days Ended June 23, 2005	233 Days Ended December 31, 2005	Year Ended December 31, 2006	Year Ended December 31, 2007	
Ratio of Earnings to Fixed Charges(1)	12.1x	57.0x	5.6x	6.3x	—	4.7x	—	

(1) Earnings were insufficient to cover fixed charges by \$183.0 million and \$167.8 million for the 233 days ended December 31, 2005 and the year ended December 31, 2007, respectively.

SELLING STOCKHOLDERS

The Registration Statement of which this prospectus forms a part has been filed pursuant to registration rights granted to the selling stockholders in connection with our initial public offering in order to permit the selling stockholders to resell to the public shares of our common stock, as well as any common stock that we may issue or may be issuable by reason of any stock split, stock dividend or similar transaction involving these shares. Under the terms of the registration rights agreements between us and the selling stockholders named herein, we will pay all expenses of the registration of their shares of our common stock, including SEC filings fees, except that the selling stockholders will pay all underwriting discounts and selling commissions, if any.

The table below sets forth certain information known to us, based upon written representations from the selling stockholders, with respect to the beneficial ownership of the shares of our common stock held by the selling stockholders as of February 9, 2009. Because the selling stockholders may sell, transfer or otherwise dispose of all, some or none of the shares of our common stock covered by this prospectus, we cannot determine the number of such shares that will be sold, transferred or otherwise disposed of by the selling stockholders, or the amount or percentage of shares of our common stock that will be held by the selling stockholders upon termination of any particular offering. See "Plan of Distribution." For the purposes of the table below, we assume that the selling stockholders will sell all of their shares of our common stock covered by this prospectus. When we refer to the selling stockholders in this prospectus, we mean the individuals and entities listed in the table below, as well as their pledgees, donees, assignees, transferees, and successors in interest.

Based on information provided to us, none of the selling stockholders that are affiliates of broker-dealers, if any, purchased shares of our common stock outside the ordinary course of business or, at the time of their acquisition of shares of our common stock, had any agreements, understandings or arrangements with any other persons, directly or indirectly, to dispose of the shares.

In the table below, the percentage of shares beneficially owned is based on 86,322,411 shares of our common stock outstanding as of the date of this prospectus (which includes 78,666 restricted shares). Beneficial ownership is determined under the rules of the SEC and generally includes voting or investment power with respect to securities. Unless indicated below, to our knowledge, the persons and entities named in the table have sole voting and sole investment power with respect to all shares beneficially owned, subject to community property laws where applicable. Shares of our common stock subject to options that are currently exercisable or exercisable within 60 days of the date of this prospectus are deemed to be outstanding and to be beneficially owned by the person holding such options for the purpose of computing the percentage ownership of that person but are not treated as outstanding for the purpose of computing the percentage ownership of any other person. Except as otherwise indicated, the business address for each of our beneficial owners is c/o CVR Energy, Inc., 2277 Plaza Drive, Suite 500, Sugar Land, Texas 77479.

Beneficial Owner Name and Address	Shares Beneficially Owned		Number of Shares Offered	Shares Beneficially Owned	
	Prior to the Offering			After the Offering	
	Number	Percent		Number	Percent
Coffeyville Acquisition LLC(1)	31,433,360	36.4%	7,376,265	24,057,095	27.9%
Kelso Investment Associates VII, L.P.(1)	31,433,360	36.4%	7,376,265	24,057,095	27.9%
KEP VI, LLC(1) 320 Park Avenue, 24th Floor New York, New York 10022	31,433,360	36.4%	7,376,265	24,057,095	27.9%
Coffeyville Acquisition II LLC(2)	31,433,360	36.4%	7,376,264	24,057,096	27.9%
The Goldman Sachs Group, Inc.(2) 85 Broad Street New York, New York 10004	31,433,560	36.4%	7,376,264	24,057,296	27.9%

Beneficial Owner Name and Address	Shares Beneficially Owned Prior to the Offering		Number of Shares Offered	Shares Beneficially Owned After the Offering	
	Number	Percent		Number	Percent
	John J. Lipinski(3)	247,471	*	247,471	—
Scott L. Lebovitz(2)	31,433,560	36.4%	7,376,264	24,057,296	27.9%
George E. Matelich(1)	31,433,360	36.4%	7,376,265	24,057,095	27.9%
Stanley de J. Osborne(1)	31,433,360	36.4%	7,376,265	24,057,095	27.9%
Kenneth A. Pontarelli(2)	31,433,560	36.4%	7,376,264	24,057,296	27.9%

* Less than 1%.

- (1) Coffeyville Acquisition LLC directly owns 31,433,360 shares of common stock. Kelso Investment Associates VII, L.P. (“KIA VII”), a Delaware limited partnership, owns a number of common units in Coffeyville Acquisition LLC that corresponds to 24,557,883 shares of common stock, of which up to 5,762,841 may be deemed to be offered for sale pursuant to this prospectus, with 18,795,042 shares of common stock deemed to be beneficially owned after the offering assuming all shares being offered hereby are sold and KEP VI, LLC (“KEP VI” and together with KIA VII, the “Kelso Funds”), a Delaware limited liability company, owns a number of common units in Coffeyville Acquisition LLC that corresponds to 6,081,000 shares of common stock, of which up to 1,426,989 may be deemed to be offered for sale pursuant to this prospectus, with 4,654,011 shares of common stock deemed to be beneficially owned after the offering assuming all shares being offered hereby are sold. The Kelso Funds may be deemed to beneficially own indirectly, in the aggregate, all of the common stock of the Company owned by Coffeyville Acquisition LLC because the Kelso Funds control Coffeyville Acquisition LLC and have the power to vote or dispose of the common stock of the Company owned by Coffeyville Acquisition LLC. KIA VII and KEP VI, due to their common control, could be deemed to beneficially own each of the other’s shares but each disclaims such beneficial ownership. Messrs. Nickell, Wall, Matelich, Goldberg, Bynum, Wahrhaftig, Berney, Loverro, Connors, Osborne and Moore may be deemed to share beneficial ownership of shares of common stock owned of record or beneficially owned by KIA VII, KEP VI and Coffeyville Acquisition LLC by virtue of their status as managing members of KEP VI and of Kelso GP VII, LLC, a Delaware limited liability company, the principal business of which is serving as the general partner of Kelso GP VII, L.P., a Delaware limited partnership, the principal business of which is serving as the general partner of KIA VII. Each of Messrs. Nickell, Wall, Matelich, Goldberg, Bynum, Wahrhaftig, Berney, Loverro, Connors, Osborne and Moore share investment and voting power with respect to the ownership interests owned by KIA VII, KEP VI and Coffeyville Acquisition LLC but disclaim beneficial ownership of such interests.
- (2) Coffeyville Acquisition II LLC directly owns 31,433,360 shares of common stock. GS Capital Partners V Fund, L.P., GS Capital Partners V Offshore Fund, L.P., GS Capital Partners V GmbH & Co. KG and GS Capital Partners V Institutional, L.P. (collectively, the “Goldman Sachs Funds”) are members of Coffeyville Acquisition II LLC and own common units of Coffeyville Acquisition II LLC. The Goldman Sachs Funds’ common units in Coffeyville Acquisition II LLC correspond to 31,125,918 shares of common stock. The Goldman Sachs Group, Inc. and Goldman, Sachs & Co. may be deemed to beneficially own indirectly, in the aggregate, all of the common stock owned by Coffeyville Acquisition II LLC through the Goldman Sachs Funds because (i) affiliates of Goldman, Sachs & Co. and The Goldman Sachs Group, Inc. are the general partner, managing general partner, managing partner, managing member or member of the Goldman Sachs Funds and (ii) the Goldman Sachs Funds control Coffeyville Acquisition II LLC and have the power to vote or dispose of the common stock of the Company owned by Coffeyville Acquisition II LLC. Goldman, Sachs & Co. is a direct and indirect wholly owned subsidiary of The Goldman Sachs Group, Inc. Goldman, Sachs & Co. is the investment manager of certain of the Goldman Sachs Funds. Shares that may be deemed to be beneficially owned by the Goldman Sachs Funds consist of:

- (1) 16,389,665 shares of common stock that may be deemed to be beneficially owned by GS Capital Partners V Fund, L.P. and its general partner, GSCP V Advisors, L.L.C., of which up to 3,846,057 may be deemed to be offered for sale pursuant to this prospectus, with 12,543,608 shares of common stock deemed to be beneficially owned after the offering assuming all shares being offered hereby are sold, (2) 8,466,218 shares of common stock that may be deemed to be beneficially owned by GS Capital Partners V Offshore Fund, L.P. and its general partner, GSCP V Offshore Advisors, L.L.C., of which up to 1,986,713 may be deemed to be offered for sale pursuant to this prospectus, with 6,479,505 deemed to be beneficially owned after the offering assuming all shares being offered hereby are sold, (3) 5,620,242 shares of common stock that may be deemed to be beneficially owned by GS Capital Partners V Institutional, L.P. and its general partner, GSCP V Advisors, L.L.C., of which up to 1,318,866 may be deemed to be offered for sale pursuant to this prospectus, with 4,301,376 deemed to be beneficially owned after the offering assuming all shares being offered hereby are sold, and (4) 649,793 shares of common stock that may be deemed to be beneficially owned by GS Capital Partners V GmbH & Co. KG and its general partner, Goldman, Sachs Management GP GmbH, of which up to 152,483 may be deemed to be offered for sale pursuant to this prospectus, with 497,310 deemed to be beneficially owned after the offering assuming all shares being offered hereby are sold. In addition, Goldman, Sachs & Co. directly owns 200 shares of common stock. The Goldman Sachs Group, Inc. may be deemed to beneficially own indirectly the 200 shares of common stock owned by Goldman, Sachs & Co. In addition, the Goldman Sachs Funds may be deemed to beneficially own the 31,433,360 shares of common stock owned by Coffeyville Acquisition II LLC, and The Goldman Sachs Group, Inc. and Goldman, Sachs & Co. may be deemed to beneficially own indirectly, in the aggregate, all of the common stock owned by Coffeyville Acquisition II LLC through the Goldman Sachs Funds. Kenneth A. Pontarelli is a partner managing director of Goldman, Sachs & Co. and Scott L. Lebovitz is a managing director of Goldman, Sachs & Co. Mr. Pontarelli, Mr. Lebovitz, The Goldman Sachs Group, Inc. and Goldman, Sachs & Co. each disclaims beneficial ownership of the shares of common stock owned directly or indirectly by the Goldman Sachs Funds, except to the extent of their pecuniary interest therein, if any.
- (3) Mr. Lipinski owns 247,471 shares of common stock directly. In addition, Mr. Lipinski owns 158,285 shares indirectly through his ownership of common units in Coffeyville Acquisition LLC and Coffeyville Acquisition II LLC. Mr. Lipinski does not have the power to vote or dispose of shares that correspond to his ownership of common units in Coffeyville Acquisition LLC and Coffeyville Acquisition II LLC and thus does not have beneficial ownership of such shares.

**GENERAL DESCRIPTION OF SECURITIES THAT WE AND
THE SELLING STOCKHOLDERS MAY SELL**

We may offer and sell, from time to time:

- shares of our common stock, par value \$0.01 per share;
- shares of our preferred stock, par value \$0.01 per share;
- debt securities, in one or more series, which may be senior debt securities, senior subordinated debt securities or subordinated debt securities;
- warrants to purchase any of the other securities that may be sold under this prospectus;
- subscription rights to purchase any of the other securities that may be sold under this prospectus;
- any combination of these securities.

The terms of any securities we offer will be determined at the time of sale. We may issue preferred stock or debt securities that are exchangeable for or convertible into common stock or any of the other securities that may be sold under this prospectus. When particular securities are offered, a supplement to this prospectus will be filed with the SEC, which will describe the terms of the offering and sale of the offered securities.

In addition, the selling stockholders named in this prospectus may offer for resale, from time to time, up to 15,000,000 shares of our common stock.

DESCRIPTION OF CAPITAL STOCK

Our authorized capital stock consists of 350,000,000 shares of common stock, par value \$0.01 per share, and 50,000,000 shares of preferred stock, par value \$0.01 per share, the rights and preferences of which may be established from time to time by our board of directors. As of the date of this prospectus, there are 86,243,745 outstanding shares of common stock and no outstanding shares of preferred stock. The following description of our capital stock does not purport to be complete and is subject to and qualified by our amended and restated certificate of incorporation and amended and restated bylaws, which are included as exhibits to the registration statement of which this prospectus forms a part, and by the provisions of applicable Delaware law.

Common Stock

Holders of our common stock are entitled to one vote for each share on all matters voted upon by our stockholders, including the election of directors, and do not have cumulative voting rights. Subject to the rights of holders of any then outstanding shares of our preferred stock, our common stockholders are entitled to any dividends that may be declared by our board of directors. Holders of our common stock are entitled to share ratably in our net assets upon our dissolution or liquidation after payment or provision for all liabilities and any preferential liquidation rights of our preferred stock then outstanding. Holders of our common stock have no preemptive rights to purchase shares of our capital stock. The shares of our common stock are not subject to any redemption provisions and are not convertible into any other shares of our capital stock. All outstanding shares of our common stock are fully paid and nonassessable. The rights, preferences and privileges of holders of our common stock will be subject to those of the holders of any shares of our preferred stock we may issue in the future.

Our common stock will be represented by certificates, unless our board of directors adopts a resolution providing that some or all of our common stock shall be uncertificated. Any such resolution will not apply to any shares of common stock that are already certificated until such shares are surrendered to us.

Preferred Stock

Our board of directors may, from time to time, authorize the issuance of one or more series of preferred stock without stockholder approval. Subject to the provisions of our amended and restated certificate of incorporation and limitations prescribed by law, our board of directors is authorized from time to time to adopt resolutions to issue one or more series of preferred stock, designate the series, establish the number of shares constituting any series, change the number of shares constituting any series, and provide or change the voting powers, preferences and relative participating, optional and other special rights, and any qualifications, limitations or restrictions on shares of our preferred stock, including dividend rights, terms of redemption, conversion rights and liquidation preferences, in each case without any action or vote by our stockholders.

One of the effects of undesignated preferred stock may be to enable our board of directors to discourage an attempt to obtain control of our company by means of a tender offer, proxy contest, merger or otherwise. The issuance of preferred stock may adversely affect the rights of our common stockholders by, among other things:

- restricting dividends on the common stock;
- diluting the voting power of the common stock;
- decreasing the market price of the common stock;
- impairing the liquidation rights of the common stock; or
- delaying or preventing a change in control without further action by the stockholders.

Limitation on Liability and Indemnification of Officers and Directors

Our amended and restated certificate of incorporation limits the liability of directors to the fullest extent permitted by Delaware law. The effect of these provisions is to eliminate the rights of our company and our stockholders, through stockholders' derivative suits on behalf of our company, to recover monetary damages against a director for breach of fiduciary duty as a director, including breaches resulting from grossly negligent behavior. However, our directors will be personally liable to us and our stockholders for any breach of the director's duty of loyalty, for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, under Section 174 of the Delaware General Corporation Law or for any transaction from which the director derived an improper personal benefit. In addition, our amended and restated certificate of incorporation and amended and restated bylaws provide that we will indemnify our directors and officers to the fullest extent permitted by Delaware law. Our board of directors has approved a form of indemnification agreement for our directors and officers, and expects that each of its current and future directors and officers will enter into substantially similar indemnification agreements. We also maintain directors and officers insurance.

Corporate Opportunities

Our amended and restated certificate of incorporation provides that the Goldman Sachs Funds and the Kelso Funds have no obligation to offer us an opportunity to participate in business opportunities presented to the Goldman Sachs Funds or the Kelso Funds or their respective affiliates even if the opportunity is one that we might reasonably have pursued, and that neither the Goldman Sachs Funds or the Kelso Funds nor their respective affiliates will be liable to us or our stockholders for breach of any duty by reason of any such activities unless, in the case of any person who is a director or officer of our company, such business opportunity is expressly offered to such director or officer in writing solely in his or her capacity as an officer or director of our company. Stockholders will be deemed to have notice of and consented to this provision of our certificate of incorporation.

In addition, the Partnership's partnership agreement provides that the owners of the managing general partner of the Partnership, which include the Goldman Sachs Funds and the Kelso Funds, are permitted to engage in separate businesses which directly compete with the Partnership and are not required to share or communicate or offer any potential corporate opportunities to the Partnership even if the opportunity is one that the Partnership might reasonably have pursued. The agreement provides that the owners of the managing general partner will not be liable to the Partnership or any partner for breach of any fiduciary or other duty by reason of the fact that such person pursued or acquired for itself any corporate opportunity.

Delaware Anti-Takeover Law

Our amended and restated certificate of incorporation provides that we are not subject to Section 203 of the Delaware General Corporation Law which regulates corporate acquisitions. This law provides that specified persons who, together with affiliates and associates, own, or within three years did own, 15% or more of the outstanding voting stock of a corporation may not engage in business combinations with the corporation for a period of three years after the date on which the person became an interested stockholder. The law defines the term "business combination" to include mergers, asset sales and other transactions in which the interested stockholder receives or could receive a financial benefit on other than a pro rata basis with other stockholders.

Removal of Directors; Vacancies

Our amended and restated certificate of incorporation and amended and restated bylaws provide that any director or the entire board of directors may be removed with or without cause by the affirmative vote of the majority of all shares then entitled to vote at an election of directors. Our amended and restated certificate of incorporation and amended and restated bylaws also provide that any vacancies on our board of directors will be filled by the affirmative vote of a majority of the board of directors then in office, even if less than a quorum, or by a sole remaining director.

Voting

The affirmative vote of a plurality of the shares of our common stock present, in person or by proxy will decide the election of any directors, and the affirmative vote of a majority of the shares of our common stock present, in person or by proxy will decide all other matters voted on by stockholders, unless the question is one upon which, by express provision of law, under our amended and restated certificate of incorporation, or under our amended and restated bylaws, a different vote is required, in which case such provision will control.

Action by Written Consent

Our amended and restated certificate of incorporation and amended and restated bylaws provide that stockholder action can be taken by written consent of the stockholders only if the Goldman Sachs Funds and the Kelso Funds collectively beneficially own more than 35.0% of the outstanding shares of our common stock.

Ability to Call Special Meetings

Our amended and restated bylaws provide that special meetings of our stockholders can only be called pursuant to a resolution adopted by a majority of our board of directors or by the chairman of our board of directors. Special meetings may also be called by the holders of not less than 25% of the outstanding shares of our common stock if the Goldman Sachs Funds and the Kelso Funds collectively beneficially own 50% or more of the outstanding shares of our common stock. Thereafter, stockholders will not be permitted to call a special meeting or to require our board to call a special meeting.

Amending Our Certificate of Incorporation and Bylaws

Our amended and restated certificate of incorporation provides that our certificate of incorporation may be amended by the affirmative vote of a majority of the board of directors and by the affirmative vote of the majority of all shares of our common stock then entitled to vote at any annual or special meeting of stockholders. In addition, our amended and restated certificate of incorporation and amended and restated bylaws provide that our bylaws may be amended, repealed or new bylaws may be adopted by the affirmative vote of a majority of the board of directors or by the affirmative vote of the majority of all shares of our common stock then entitled to vote at any annual or special meeting of stockholders.

Advance Notice Provisions for Stockholders

In order to nominate directors to our board of directors or bring other business before an annual meeting of our stockholders, a stockholder's notice must be received by the Secretary of the Company at the principal executive offices of the Company not less than 120 calendar days before the date that our proxy statement is released to stockholders in connection with the previous year's annual meeting of stockholders, subject to certain exceptions contained in our amended and restated bylaws. If no annual meeting was held in the previous year, or if the date of the applicable annual meeting has been changed by more than 30 days from the date of the previous year's annual meeting, then a stockholder's notice, in order to be considered timely, must be received by the Secretary of the Company no later than the later of the 90th day prior to such annual meeting or the tenth day following the day on which notice of the date of the annual meeting was mailed or public disclosure of such date was made.

Listing

Our common stock is listed on the New York Stock Exchange under the symbol "CVI."

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company.

DESCRIPTION OF DEBT SECURITIES

General

The following descriptions of the debt securities do not purport to be complete and are subject to and qualified in their entirety by reference to the indentures, forms of which have been filed with the SEC as exhibits to the registration statement of which this prospectus is a part. Any future supplemental indenture or similar document also will be so filed. You should read the indentures and any supplemental indenture or similar document because they, and not this description, define your rights as holder of our debt securities. All capitalized terms have the meanings specified in the indentures.

The debt securities offered by this prospectus will be issued under one of two separate indentures between us and Wells Fargo Bank, N.A., as Trustee. The senior note indenture and the subordinated note indenture are sometimes referred to in this prospectus individually as an "indenture" and collectively as the "indentures." The debt securities will be obligations of the Company and will be either senior, senior subordinated or subordinated debt. We have summarized selected provisions of the indentures and the debt securities below.

We may issue debt securities from time to time in one or more series under the indentures. The indentures give us the ability to reopen a previous issue of a series of debt securities and issue additional debt securities of the same series. We will describe the particular terms of each series of debt securities we offer in a supplement to this prospectus. If any particular terms of the debt securities described in a prospectus supplement differ from any of the terms described in this prospectus, then the terms described in the applicable prospectus supplement will supersede the terms described in this prospectus. The terms of our debt securities will include those set forth in the indentures and those made a part of the indentures by the Trust Indenture Act of 1939. You should carefully read the summary below, the applicable prospectus supplement and the provisions of the indentures that may be important to you before investing in our debt securities.

General Terms of the Indentures

The indentures do not limit the amount of debt securities that we may issue. They provide that we may issue debt securities up to the principal amount that we may authorize and may be in any currency or currency unit designated by us. Except for the limitations on consolidation, merger and sale of all or substantially all of our assets contained in the indentures, the terms of the indentures do not contain any covenants or other provisions designed to afford holders of any debt securities protection with respect to our operations, financial condition or transactions involving us.

We may issue the debt securities issued under the indentures as "discount securities," which means they may be sold at a discount below their stated principal amount. These debt securities, as well as other debt securities that are not issued at a discount, may, for U.S. federal income tax purposes, be treated as if they were issued with "original issue discount," or "OID," because of interest payment and other characteristics. Special U.S. federal income tax considerations applicable to debt securities issued with original issue discount will be described in more detail in any applicable prospectus supplement.

The applicable prospectus supplement for a series of debt securities that we issue will describe, among other things, the following terms of the offered debt securities:

- the title;
- the aggregate principal amount;
- whether issued in fully registered form without coupons or in a form registered as to principal only with coupons or in bearer form with coupons;
- whether issued in the form of one or more global securities and whether all or a portion of the principal amount of the debt securities is represented thereby;
- the price or prices at which the debt securities will be issued;

- the date or dates on which principal is payable;
- the place or places where and the manner in which principal, premium or interest will be payable and the place or places where the debt securities may be presented for transfer and, if applicable, conversion or exchange;
- interest rates, and the dates from which interest, if any, will accrue, and the dates when interest is payable;
- the right, if any, to extend the interest payment periods and the duration of the extensions;
- our rights or obligations to redeem or purchase the debt securities, including sinking fund or partial redemption payments;
- conversion or exchange provisions, if any, including conversion or exchange prices or rates and adjustments thereto;
- the currency or currencies of payment of principal or interest;
- the terms applicable to any debt securities issued at a discount from their stated principal amount;
- the terms, if any, pursuant to which any debt securities will be subordinate to any of our other debt;
- if the amount of payments of principal or interest is to be determined by reference to an index or formula, or based on a coin or currency other than that in which the debt securities are stated to be payable, the manner in which these amounts are determined and the calculation agent, if any, with respect thereto;
- if other than the entire principal amount of the debt securities when issued, the portion of the principal amount payable upon acceleration of maturity as a result of a default on our obligations;
- any provisions for the remarketing of the debt securities;
- if the debt securities of the series are to be secured by any of our assets or properties;
- if the debt securities are to be guaranteed by any other entity;
- if applicable, covenants affording holders of debt protection with respect to our operations, financial condition or transactions involving us; and
- any other specific terms of any debt securities.

The applicable prospectus supplement will set forth certain U.S. federal income tax considerations for holders of any debt securities and the securities exchange or quotation system on which any debt securities are listed or quoted, if any.

Debt securities issued by us will be structurally subordinated to all indebtedness and other liabilities of each of our subsidiaries, except with respect to a subsidiary that guarantees the debt securities.

Unless otherwise provided in the applicable prospectus supplement, all securities of any one series need not be issued at the same time and may be issued from time to time without consent of any holder.

Senior Debt Securities

Payment of the principal of, premium, if any, and interest on Senior Debt Securities will rank on a parity with all of our other unsubordinated debt.

Subordinated Debt Securities

Payment of the principal of, premium, if any, and interest on Subordinated Debt Securities will be junior in right of payment to the prior payment in full of all of our unsubordinated debt. Subordinated Debt Securities may be either subordinated debt (subordinated to all of our other debt) or senior subordinated debt (senior to other subordinated debt but junior to senior debt). We will set forth in the applicable prospectus supplement relating to any Subordinated Debt Securities the subordination

terms of such securities as well as the aggregate amount of outstanding debt, as of the most recent practicable date, that by its terms would be senior to the Subordinated Debt Securities. We will also set forth in such prospectus supplement limitations, if any, on issuance of additional senior debt.

Conversion or Exchange Rights

Debt securities may be convertible into or exchangeable for our other securities or property. The terms and conditions of conversion or exchange will be set forth in the applicable prospectus supplement. The terms will include, among others, the following:

- the conversion or exchange price;
- the conversion or exchange period;
- provisions regarding the ability of us or the holder to convert or exchange the debt securities;
- events requiring adjustment to the conversion or exchange price; and
- provisions affecting conversion or exchange in the event of our redemption of the debt securities.

Consolidation, Merger or Sale

We cannot consolidate or merge with or into, or transfer or lease all or substantially all of our assets to, any person unless (a) we will be the continuing corporation or (b) the successor or person to which our assets are transferred or leased is a corporation, limited liability company, partnership or other entity organized under the laws of the United States, any state of the United States or the District of Columbia and it expressly assumes our obligations on the debt securities and under the indentures. In addition, we cannot effect such a transaction unless immediately after giving effect to such transaction, no default or event of default under the indentures shall have occurred and be continuing. Subject to certain exceptions, when the person to whom our assets are transferred or leased has assumed our obligations under the debt securities and the indentures, we shall be discharged from all our obligations under the debt securities and the indentures, except in limited circumstances.

This covenant would not apply to any recapitalization transaction, a change of control of us or a highly leveraged transaction, unless the transaction or change of control were structured to include a merger or consolidation or transfer or lease of all or substantially all of our assets.

Events of Default

Unless otherwise indicated, the term "Event of Default," when used in the indentures, means any of the following:

- failure to pay interest for 30 days after the date payment is due and payable; provided that an extension of an interest payment period in accordance with the terms of the debt securities shall not constitute a failure to pay interest;
- failure to pay principal or premium, if any, on any debt security when due, either at maturity, upon any redemption, by declaration or otherwise;
- failure to make sinking fund payments when due;
- failure to perform any other covenant for 90 days after notice that performance was required;
- events in bankruptcy, insolvency or reorganization; or
- any other Event of Default provided in the applicable resolution of our board of directors or the officers' certificate or supplemental indenture under which we issue series 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 the indentures. If an Event of Default (other than an Event of Default relating to events in bankruptcy, insolvency or reorganization) involving any series of debt securities has occurred and is continuing, the trustee or the holders of not

less than 25% in aggregate principal amount of the debt securities of each affected series may declare the entire principal of all the debt securities of that series to be due and payable immediately.

The holders of not less than a majority in aggregate principal amount of the debt securities of a series may, after satisfying conditions, rescind and annul the above-described declaration and consequences involving the series.

If an Event of Default relating to events in bankruptcy, insolvency or reorganization occurs and is continuing, then the principal amount of all of the debt securities outstanding, and any accrued interest, will automatically become due and payable immediately, without any declaration or other act by the trustee or any holder.

The indentures impose limitations on suits brought by holders of debt securities against us. Except as provided below, no holder of debt securities of any series may institute any action against us under the indentures unless:

- the holder has previously given to the trustee written notice of default and continuance of that default;
- the holders of at least 25% in principal amount of the outstanding debt securities of the affected series have requested that the trustee institute the action;
- the requesting holders have offered the trustee security or indemnity reasonably satisfactory to it for expenses and liabilities that may be incurred by bringing the action;
- the trustee has not instituted the action within 60 days of the request; and
- the trustee has not received inconsistent direction by the holders of a majority in principal amount of the outstanding debt securities of the series.

Notwithstanding the foregoing, each holder of debt securities of any series has the right, which is absolute and unconditional, to receive payment of the principal of and premium and interest, if any, on such debt securities when due and to institute suit for the enforcement of any such payment, and such rights may not be impaired without the consent of that holder of debt securities.

We will be required to file annually with the trustee a certificate, signed by one of our officers, stating whether or not the officer knows of any default by us in the performance, observance or fulfillment of any condition or covenant of the indentures.

Registered Global Securities

We may issue the debt securities of a series in whole or in part in the form of one or more fully registered global securities that we will deposit with a depository or with a nominee for a depository identified in the applicable prospectus supplement and registered in the name of such depository or nominee. In such case, we will issue one or more registered global securities denominated in an amount equal to the aggregate principal amount of all of the debt securities of the series to be issued and represented by such registered global security or securities.

Unless and until it is exchanged in whole or in part for debt securities in definitive registered form, a registered global security may not be transferred except as a whole:

- by the depository for such registered global security to its nominee; or
- by a nominee of the depository to the depository or another nominee of the depository; or
- by the depository or its nominee to a successor of the depository or a nominee of the successor.

The prospectus supplement relating to a series of debt securities will describe the specific terms of the depository arrangement with respect to any portion of such series represented by a registered

global security. We anticipate that the following provisions will apply to all depositary arrangements for debt securities:

- ownership of beneficial interests in a registered global security will be limited to persons that have accounts with the depositary for the registered global security, those persons being referred to as “participants,” or persons that may hold interests through participants;
- upon the issuance of a registered global security, the depositary for the registered global security will credit, on its book-entry registration and transfer system, the participants’ accounts with the respective principal amounts of the debt securities represented by the registered global security beneficially owned by the participants;
- any dealers, underwriters, or agents participating in the distribution of the debt securities will designate the accounts to be credited; and
- ownership of any beneficial interest in the registered global security will be shown on, and the transfer of any ownership interest will be effected only through, records maintained by the depositary for the registered global security (with respect to interests of participants) and on the records of participants (with respect to interests of persons holding through participants).

The laws of some states may require that certain purchasers of securities take physical delivery of the securities in definitive form. These laws may limit the ability of those persons to own, transfer or pledge beneficial interests in registered global securities.

So long as the depositary for a registered global security, or its nominee, is the registered owner of the registered global security, the depositary or the nominee, as the case may be, will be considered the sole owner or holder of the debt securities represented by the registered global security for all purposes under the indentures. Except as set forth below, owners of beneficial interests in a registered global security:

- will not be entitled to have the debt securities represented by a registered global security registered in their names;
- will not receive or be entitled to receive physical delivery of the debt securities in the definitive form; and
- will not be considered the owners or holders of the debt securities under the indentures.

Accordingly, each person owning a beneficial interest in a registered global security must rely on the procedures of the depositary for the registered global security and, if the person is not a participant, on the procedures of a participant through which the person owns its interest, to exercise any rights of a holder under the indentures.

We understand that under existing industry practices, if we request any action of holders or if an owner of a beneficial interest in a registered global security desires to give or take any action that a holder is entitled to give or take under the indentures, the depositary for the registered global security would authorize the participants holding the relevant beneficial interests to give or take the action, and those participants would authorize beneficial owners owning through those participants to give or take the action or would otherwise act upon the instructions of beneficial owners holding through them.

We will make payments of principal and premium, if any, and interest, if any, on debt securities represented by a registered global security registered in the name of a depositary or its nominee to the depositary or its nominee, as the case may be, as the registered owners of the registered global security. None of CVR Energy, the trustee or any other agent of CVR Energy or the trustee will be responsible or liable for any aspect of the records relating to, or payments made on account of, beneficial ownership interests in the registered global security or for maintaining, supervising or reviewing any records relating to the beneficial ownership interests.

We expect that the depositary for any debt securities represented by a registered global security, upon receipt of any payments of principal and premium, if any, and interest, if any, in respect of the registered global security, will immediately credit participants’ accounts with payments in amounts proportionate to their respective beneficial interests in the registered global security as shown on the

records of the depository. We also expect that standing customer instructions and customary practices will govern payments by participants to owners of beneficial interests in the registered global security held through the participants, as is now the case with the securities held for the accounts of customers in bearer form or registered in "street name." We also expect that any of these payments will be the responsibility of the participants.

If the depository for any debt securities represented by a registered global security is at any time unwilling or unable to continue as depository or ceases to be a clearing agency registered under the Exchange Act, we will appoint an eligible successor depository. If we fail to appoint an eligible successor depository within 90 days, we will issue the debt securities in definitive form in exchange for the registered global security. In addition, we may at any time and in our sole discretion decide not to have any of the debt securities of a series represented by one or more registered global securities. In such event, we will issue debt securities of that series in a definitive form in exchange for all of the registered global securities representing the debt securities. The trustee will register any debt securities issued in definitive form in exchange for a registered global security in such name or names as the depository, based upon instructions from its participants, shall instruct the trustee.

We may also issue bearer debt securities of a series in the form of one or more global securities, referred to as "bearer global securities." We will deposit these bearer global securities with a common depository for Euroclear System and Clearstream Bank Luxembourg, Societe Anonyme, or with a nominee for the depository identified in the prospectus supplement relating to that series. The prospectus supplement relating to a series of debt securities represented by a bearer global security will describe the specific terms and procedures, including the specific terms of the depository arrangement and any specific procedures for the issuance of debt securities in definitive form in exchange for a bearer global security, with respect to the portion of the series represented by a bearer global security.

Discharge, Defeasance and Covenant Defeasance

We can discharge or defease our obligations under the indentures as set forth below. Unless otherwise set forth in the applicable prospectus supplement, the subordination provisions applicable to the Subordinated Debt Securities will be expressly made subject to the discharge and defeasance provisions of the indentures.

We may discharge our obligations to holders of any series of debt securities that have not already been delivered to the trustee for cancellation and that have either become due and payable or are by their terms to become due and payable within one year (or are scheduled for redemption within one year). We may effect a discharge by irrevocably depositing with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be sufficient to pay when due, whether at maturity, upon redemption or otherwise, the principal of, premium, if any, and interest on the debt securities and any mandatory sinking fund payments.

Unless otherwise provided in the applicable prospectus supplement, we may also discharge any and all of our obligations to holders of any series of debt securities at any time ("legal defeasance"). We also may be released from the obligations imposed by any covenants of any outstanding series of debt securities and provisions of the indentures, and we may omit to comply with those covenants without creating an Event of Default ("covenant defeasance"). We may effect defeasance and covenant defeasance only if, among other things:

- we irrevocably deposit with the trustee cash or U.S. government obligations, as trust funds, in an amount certified to be sufficient to pay at maturity (or upon redemption) the principal, premium, if any, and interest on all outstanding debt securities of the series; and
- we deliver to the trustee an opinion of counsel from a nationally recognized law firm to the effect that the holders of the series of debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of the legal defeasance or covenant defeasance and that legal defeasance or covenant defeasance will not otherwise alter the holders' U.S. federal income tax treatment of principal, premium, if any, and interest payments on the series of debt securities, which opinion, in the case of legal defeasance, must be based on a ruling of the Internal Revenue Service issued, or a change in U.S. federal income tax law.

Although we may discharge or defease our obligations under the indentures as described in the two preceding paragraphs, we may not avoid, among other things, our duty to register the transfer or exchange of any series of debt securities, to replace any temporary, mutilated, destroyed, lost or stolen series of debt securities or to maintain an office or agency in respect of any series of debt securities.

Modification of the Indentures

The indentures provide that we and the trustee may enter into supplemental indentures without the consent of any holders of debt securities to:

- secure any debt securities;
- evidence the assumption by a successor corporation of our obligations;
- add covenants for the protection or benefit of the holders of debt securities;
- cure any ambiguity or correct any inconsistency in the indentures;
- establish the forms or terms of debt securities of any series;
- evidence and provide for the acceptance of appointment by a successor trustee;
- comply with SEC requirements to effect or maintain the qualification of the indentures under the Trust Indenture Act; and
- to add one or more guarantees under the indentures or release a guarantee pursuant to the indentures.

The indentures also provide that we and the trustee may, with the consent of the holders of not less than a majority in aggregate principal amount of debt securities of any series of Senior Debt Securities or Subordinated Debt Securities, as the case may be, then outstanding and affected, add any provisions to, or change in any manner, eliminate or modify in any way the provisions of, the indentures or modify in any manner the rights of the holders of the debt securities of that series. We and the trustee may not, however, without the consent of the holder of each outstanding debt security affected thereby:

- extend the final maturity of any debt security;
- reduce the principal amount or premium, if any;
- reduce the rate or extend the time of payment of interest;
- reduce any amount payable on redemption;
- change the currency in which the principal (other than as may be provided otherwise with respect to a series), premium, if any, or interest is payable;
- reduce the amount of the principal of any debt security issued with an original issue discount that is payable upon acceleration or provable in bankruptcy;
- modify any of the subordination provisions or the definition of senior indebtedness applicable to any Subordinated Debt Securities in a manner adverse to the holders of those securities;
- alter provisions of the indentures relating to the debt securities not denominated in U.S. dollars;
- impair the right to institute suit for the enforcement of any payment on any debt security when due; or
- reduce the percentage of holders of debt securities of any series whose consent is required for any modification of the indentures.

Concerning the Trustee

The indentures provide that there may be more than one trustee under the indentures, each with respect to one or more series of debt securities. If there are different trustees for different series of debt securities, each trustee will be a trustee of a trust under the indentures separate and apart from the trust administered by any other trustee under the indentures. Except as otherwise indicated in this prospectus or any prospectus supplement, any action permitted to be taken by a trustee may be taken

by such trustee only with respect to the one or more series of debt securities for which it is the trustee under the indentures. Any trustee under the indentures may resign or be removed with respect to one or more series of debt securities. All payments of principal of, premium, if any, and interest on, and all registration, transfer, exchange, authentication and delivery (including authentication and delivery on original issuance of the debt securities) of, the debt securities of a series will be effected by the trustee with respect to that series at an office designated by the trustee in New York, NY.

The indentures contains limitations on the right of the trustee, should it become a creditor of CVR Energy, to obtain payment of claims in some cases or to realize on certain property received in respect of any such claim as security or otherwise. The trustee may engage in other transactions. If it acquires any conflicting interest relating to any duties with respect to the debt securities, however, it must eliminate the conflict or resign as trustee.

The holders of a majority in aggregate principal amount of any series of debt securities then outstanding will have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee with respect to such series of debt securities, provided that the direction would not conflict with any rule of law or with the indentures, would not be unduly prejudicial to the rights of another holder of the debt securities, and would not involve any trustee in personal liability. The indentures provide that in case an Event of Default shall occur and be known to any trustee and not be cured, the trustee must use the same degree of care as a prudent person would use in the conduct of his or her own affairs in the exercise of the trustee's power. Subject to these provisions, the trustee will be under no obligation to exercise any of its rights or powers under the indentures at the request of any of the holders of the debt securities, unless they shall have offered to the trustee security and indemnity satisfactory to the trustee. The trustee shall not be required to give any bond or surety in respect of the performance of its powers and duties under the indentures. In no event shall the trustee be responsible or liable for special, indirect, punitive or consequential loss or damage of any kind whatsoever irrespective of whether the trustee has been advised of the likelihood of such loss or damage and regardless of the form of action.

No Individual Liability of Incorporators, Stockholders, Officers or Directors

The indentures provide that no incorporator and no past, present or future stockholder, officer or director, of us or any successor corporation in their capacity as such shall have any individual liability for any of our obligations, covenants or agreements under the debt securities or the indentures.

Governing Law

The indentures and the debt securities will be governed by, and construed in accordance with, the laws of the State of New York, including, without limitation, Sections 5-1401 and 5-1402 of the New York General Obligations Law.

DESCRIPTION OF WARRANTS

General

We may issue debt warrants for the purchase of debt securities or stock warrants for the purchase of preferred stock or common stock.

The warrants will be issued under warrant agreements to be entered into between us and a bank or trust company, as warrant agent, all to be set forth in the applicable prospectus supplement relating to any or all warrants in respect of which this prospectus is being delivered. Copies of the form of agreement for each warrant, including the forms of certificates representing the warrants reflecting the provisions to be included in such agreements that will be entered into with respect to the particular offerings of each type of warrant, will be filed in a document incorporated by reference into the applicable prospectus supplement.

The following description sets forth certain general terms and provisions of the warrants to which any prospectus supplement may relate. The particular terms of the warrants to which any prospectus supplement may relate and the extent, if any, to which such general provisions may apply to the warrants so offered will be described in the applicable prospectus supplement. The following summary of certain provisions of the warrants, warrant agreements and warrant certificates does not purport to be complete and is subject to, and is qualified in its entirety by express reference to, all the provisions of the applicable warrant agreements and warrant certificates, including the definitions therein of certain terms, which will be filed with the SEC as exhibits to the applicable prospectus supplement.

Debt Warrants

General. Reference is made to the applicable prospectus supplement for the terms of debt warrants in respect of which this prospectus is being delivered, the debt securities warrant agreement relating to such debt warrants and the debt warrant certificates representing such debt warrants, including the following:

- the designation, aggregate principal amount and terms of the debt securities purchasable upon exercise of such debt warrants and the procedures and conditions relating to the exercise of such debt warrants;
- the designation and terms of any related debt securities with which such debt warrants are issued and the number of such debt warrants issued with each such debt security;
- the date, if any, on and after which such debt warrants and any related offered securities will be separately transferable;
- the principal amount of debt securities purchasable upon exercise of each debt warrant and the price at which such principal amount of debt securities may be purchased upon such exercise;
- the date on which the right to exercise such debt warrants shall commence and the date on which such right shall expire;
- a discussion of the material United States federal income tax considerations applicable to the ownership or exercise of debt warrants;
- whether the debt warrants represented by the debt warrant certificates will be issued in registered or bearer form, and, if registered, where they may be transferred and registered;
- call provisions of such debt warrants, if any; and
- any other terms of the debt warrants.

The debt warrant certificates will be exchangeable for new debt warrant certificates of different denominations and debt warrants may be exercised at the corporate trust office of the warrant agent

or any other office indicated in the applicable prospectus supplement. Prior to the exercise of their debt warrants, holders of debt warrants will not have any of the rights of holders of the debt securities purchasable upon such exercise and will not be entitled to any payments of principal and premium, if any, and interest, if any, on the debt securities purchasable upon such exercise.

Exercise of Debt Warrants. Each debt warrant will entitle the holder to purchase for cash such principal amount of debt securities at such exercise price as shall in each case be set forth in, or be determinable as set forth in, the applicable prospectus supplement relating to the debt warrants offered thereby. Unless otherwise specified in the applicable prospectus supplement, debt warrants may be exercised at any time up to 5:00 p.m., New York City time, on the expiration date set forth in the applicable prospectus supplement. After 5:00 p.m., New York City time, on the expiration date, unexercised debt warrants will become void.

Debt warrants may be exercised as set forth in the applicable prospectus supplement relating to the debt warrants. Upon receipt of payment and the debt warrant certificate properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will, as soon as practicable, forward the debt securities purchasable upon such exercise. If less than all of the debt warrants represented by such debt warrant certificate are exercised, a new debt warrant certificate will be issued for the remaining amount of debt warrants.

Stock Warrants

General. Reference is made to the applicable prospectus supplement for the terms of stock warrants in respect of which this prospectus is being delivered, the stock warrant agreement relating to such stock warrants and the stock warrant certificates representing such stock warrants, including the following:

- the type and number of shares of preferred stock or common stock purchasable upon exercise of such stock warrants and the procedures and conditions relating to the exercise of such stock warrants;
- the date, if any, on and after which such stock warrants and related offered securities will be separately tradeable;
- the offering price of such stock warrants, if any;
- the initial price at which such shares may be purchased upon exercise of stock warrants and any provision with respect to the adjustment thereof;
- the date on which the right to exercise such stock warrants shall commence and the date on which such right shall expire;
- a discussion of the material United States federal income tax considerations applicable to the ownership or exercise of stock warrants;
- call provisions of such stock warrants, if any;
- any other terms of the stock warrants;
- anti-dilution provisions of the stock warrants, if any; and
- information relating to any preferred stock purchasable upon exercise of such stock warrants.

The stock warrant certificates will be exchangeable for new stock warrant certificates of different denominations and stock warrants may be exercised at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement. Prior to the exercise of their stock warrants, holders of stock warrants will not have any of the rights of holders of shares of capital stock purchasable upon such exercise, and will not be entitled to any dividend payments on such capital stock purchasable upon such exercise.

Exercise of Stock Warrants. Each stock warrant will entitle the holder to purchase for cash such number of shares of preferred stock or common stock, as the case may be, at such exercise price as shall in each case be set forth in, or be determinable as set forth in, the applicable prospectus supplement relating to the stock warrants offered thereby. Unless otherwise specified in the applicable prospectus supplement, stock warrants may be exercised at any time up to 5:00 p.m., New York City time, on the expiration date set forth in the applicable prospectus supplement. After 5:00 p.m., New York City time, on the expiration date, unexercised stock warrants will become void.

Stock warrants may be exercised as set forth in the applicable prospectus supplement relating thereto. Upon receipt of payment and the stock warrant certificates properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will, as soon as practicable, forward a certificate representing the number of shares of capital stock purchasable upon such exercise. If less than all of the stock warrants represented by such stock warrant certificate are exercised, a new stock warrant certificate will be issued for the remaining amount of stock warrants.

DESCRIPTION OF SUBSCRIPTION RIGHTS

General

We may issue subscription rights to purchase common stock, preferred stock, debt securities or other securities.

We may issue subscription rights independently or together with any other offered security, which may or may not be transferable by the shareholder. In connection with any offering of subscription rights, we may enter into a standby arrangement with one or more underwriters or other purchasers pursuant to which the underwriters or other purchasers may be required to purchase any securities remaining unsubscribed for after such offering.

The description in the applicable prospectus supplement of any subscription rights we offer will not necessarily be complete and will be qualified in its entirety by reference to the applicable subscription rights certificate or subscription rights agreement, to the extent necessary or required for the particular transaction, which will be filed with the SEC if such certificate or agreement is required. We urge you to read the applicable subscription rights certificate, the applicable subscription rights agreement and any applicable prospectus supplement in their entirety.

General Terms of the Subscription Rights

The prospectus supplement relating to any subscription rights we may offer will contain the specific terms of the subscription rights. These terms may include the following:

- the price, if any, for the subscription rights;
- the exercise price payable for common stock, preferred stock, debt securities or other securities upon the exercise of the subscription rights;
- the number of subscription rights issued to each security holder;
- the number and terms of the common stock, preferred stock, debt securities or other securities which may be purchased per each subscription right;
- the extent to which the subscription rights are transferable;
- any provisions for adjustment of the number or amount of securities receivable upon exercise of the subscription rights or the exercise price of the subscription rights;
- any other terms of the subscription rights, including the terms, procedures and limitations relating to the exchange and exercise of the subscription rights;
- the date on which the right to exercise the subscription rights shall commence, and the date on which the subscription rights shall expire;
- the extent to which the subscription rights may include an over-subscription privilege with respect to unsubscribed securities; and
- if applicable, the material terms of any standby underwriting or purchase arrangement entered into by us in connection with the offering of subscription rights.

PLAN OF DISTRIBUTION

General

We and the selling stockholders may sell the securities covered by this prospectus using one or more of the following methods:

- underwriters in a public offering;
- “at the market” to or through market makers or into an existing market for the securities;
- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the securities as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- privately negotiated transactions;
- short sales (including short sales “against the box”);
- through the writing or settlement of standardized or over-the-counter options or other hedging or derivative transactions, whether through an options exchange or otherwise;
- by pledge to secure debts and other obligations;
- in other ways not involving market makers or established trading markets, including direct sales to purchasers or sales effected through agents;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

To the extent required by law, this prospectus may be amended or supplemented from time to time to describe a specific plan of distribution. Any prospectus supplement relating to a particular offering of securities may include the following information to the extent required by law:

- the terms of the offering;
- the names of any underwriters or agents;
- the purchase price of the securities;
- any delayed delivery arrangements;
- any underwriting discounts and other items constituting underwriters’ compensation;
- any initial public offering price; and
- any discounts or concessions allowed or reallocated or paid to dealers.

We and the selling stockholders may offer securities to the public through underwriting syndicates represented by managing underwriters or through underwriters without an underwriting syndicate. If underwriters are used for the sale of securities, the securities will be acquired by the underwriters for their own account. The underwriters may resell the securities in one or more transactions, including in negotiated transactions at a fixed public offering price or at varying prices determined at the time of sale. In connection with any such underwritten sale of securities, underwriters may receive compensation from us and/or the selling stockholders, as applicable, for whom they may act as agents, in the form of discounts, concessions or commissions. Underwriters may sell securities to or through dealers, and the dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agents. Such compensation may be in excess of customary discounts, concessions

or commissions. Underwriting compensation will not exceed 8% for any offering under this Registration Statement.

If we or the selling stockholders use an underwriter or underwriters in the sale of particular securities, we and/or they will execute an underwriting agreement with those underwriters at the time of sale of those securities. To the extent required by law, the names of the underwriters will be set forth in the prospectus supplement used by the underwriters to sell those securities. Unless otherwise indicated in the prospectus supplement relating to a particular offering of securities, the obligations of the underwriters to purchase the securities will be subject to customary conditions precedent and the underwriters will be obligated to purchase all of the securities offered if any of the securities are purchased.

In effecting sales, brokers or dealers engaged by us or the selling stockholders may arrange for other brokers or dealers to participate. Broker-dealers may receive discounts, concessions or commissions from us or the selling stockholders (or, if any broker-dealer acts as agent for the purchaser of shares, from the purchaser) in amounts to be negotiated. Such compensation may be in excess of customary discounts, concessions or commissions. If dealers are utilized in the sale of securities, the names of the dealers and the terms of the transaction will be set forth in a prospectus supplement, if required.

We and the selling stockholders may also sell securities from time to time through agents. We will name any agent involved in the offer or sale of such shares and will list commissions payable to these agents in a prospectus supplement, if required. These agents will be acting on a best efforts basis to solicit purchases for the period of their appointment, unless we state otherwise in any required prospectus supplement.

We or the selling stockholders may sell securities directly to purchasers. In this case, we and they may not engage underwriters or agents in the offer and sale of such shares.

The selling stockholders and any underwriters, broker-dealers or agents that participate in the sale of the selling stockholders' shares of common stock or interests therein may be "underwriters" within the meaning of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the shares may be underwriting discounts and commissions under the Securities Act. Selling stockholders who are "underwriters" within the meaning of the Securities Act will be subject to the prospectus delivery requirements of the Securities Act. We will make copies of this prospectus available to the selling stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act, if applicable. If any entity is deemed an underwriter or any amounts deemed underwriting discounts and commissions, the prospectus supplement will identify the underwriter or agent and describe the compensation received from the selling stockholders.

We are not aware of any plans, arrangements or understandings between any of the selling stockholders and any underwriter, broker-dealer or agent regarding the sale of the shares of our common stock by the selling stockholders. We cannot assure you that the selling stockholders will sell any or all of the shares of our common stock offered by them pursuant to this prospectus. In addition, we cannot assure you that the selling stockholders will not transfer, devise or gift the shares of our common stock by other means not described in this prospectus. Moreover, any securities covered by this prospectus that qualify for sale pursuant to Rule 144 under the Securities Act may be sold under Rule 144 rather than pursuant to this prospectus.

From time to time, one or more of the selling stockholders may pledge, hypothecate or grant a security interest in some or all of the shares owned by them. The pledgees, secured parties or persons to whom the shares have been hypothecated will, upon foreclosure, be deemed to be selling stockholders. The number of a selling stockholder's shares offered under this prospectus will decrease as and when it takes such actions. The plan of distribution for that selling stockholder's shares will otherwise remain unchanged. In addition, a selling stockholder may, from time to time, sell the shares

short, and, in those instances, this prospectus may be delivered in connection with the short sales and the shares offered under this prospectus may be used to cover short sales.

A selling stockholder may enter into hedging transactions with broker-dealers and the broker-dealers may engage in short sales of the shares in the course of hedging the positions they assume with that selling stockholder, including, without limitation, in connection with distributions of the shares by those broker-dealers. A selling stockholder may enter into option or other transactions with broker-dealers that involve the delivery of the shares offered hereby to the broker-dealers, who may then resell or otherwise transfer those securities.

A selling stockholder which is an entity may elect to make a pro rata in-kind distribution of the shares of common stock to its members, partners or shareholders. In such event we may file a prospectus supplement to the extent required by law in order to permit the distributees to use the prospectus to resell the common stock acquired in the distribution. A selling stockholder which is an individual may make gifts of shares of common stock covered hereby. Such donees may use the prospectus to resell the shares or, if required by law, we may file a prospectus supplement naming such donees.

Indemnification

We and the selling stockholders may enter agreements under which underwriters, dealers and agents who participate in the distribution of securities may be entitled to indemnification by us and/or the selling stockholders against various liabilities, including liabilities under the Securities Act, and to contribution with respect to payments which the underwriters, dealers or agents may be required to make.

Price Stabilization and Short Positions

If underwriters or dealers are used in the sale, until the distribution of the securities is completed, rules of the SEC may limit the ability of any underwriters to bid for and purchase the securities. As an exception to these rules, representatives of any underwriters are permitted to engage in transactions that stabilize the price of the securities. These transactions may consist of bids or purchases for the purpose of pegging, fixing or maintaining the price of the securities. If the underwriters create a short position in the securities in connection with the offering (that is, if they sell more securities than are set forth on the cover page of the prospectus supplement) the representatives of the underwriters may reduce that short position by purchasing securities in the open market.

We make no representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of the securities. In addition, we make no representation that the representatives of any underwriters will engage in these transactions or that these transactions, once commenced, will not be discontinued without notice.

LEGAL MATTERS

Unless otherwise specified in a prospectus supplement accompanying this prospectus, the validity of the securities offered by this prospectus will be passed upon by Fried, Frank, Harris, Shriver & Jacobson LLP, New York, New York. Any underwriters will be advised about legal matters by their own counsel, which will be named in a prospectus supplement to the extent required by law.

EXPERTS

The consolidated financial statements of CVR Energy, Inc. and subsidiaries (referred to herein as "Successor"), which collectively refer to the consolidated balance sheets of Successor as of December 31, 2006 and 2007, and to the related consolidated statements of operations, equity and cash flows for Coffeyville Group Holdings, LLC and subsidiaries, excluding Leiber Holdings LLC, as

discussed in note 1 to the consolidated financial statements (referred to herein as "Immediate Predecessor"), for the 174-day period ended June 23, 2005 and for the Successor for the 233-day period ended December 31, 2005 and for the years ended December 31, 2006 and 2007 and have been incorporated by reference herein in reliance upon the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

The audit report covering the consolidated financial statements of CVR Energy, Inc. and subsidiaries noted above contains an explanatory paragraph that states that as discussed in note 1 to the consolidated financial statements, effective June 24, 2005, Successor acquired the net assets of Immediate Predecessor in a business combination accounted for as a purchase. As a result of these acquisitions, the consolidated financial statements for the periods after the acquisitions are presented on a different cost basis than that for the periods before the acquisitions and, therefore, are not comparable. The audit report also contains an explanatory paragraph that states as discussed in note 2 to the consolidated financial statements, the Company has restated its consolidated financial statements as of and for the year ended December 31, 2007.

INCORPORATION BY REFERENCE

The SEC allows us to "incorporate by reference" information into this document. This means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede the previously filed information. We incorporate by reference the documents listed below and any future filings made by us with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (File No. 1-33492) (other than any portions of the respective filings that are furnished, pursuant to Item 2.02 or Item 7.01 of Current Reports on Form 8-K (including exhibits related thereto) or other applicable SEC rules, rather than filed) prior to the termination of the offerings under this prospectus:

- our Annual Report on Form 10-K/A for the year ended December 31, 2007, filed on May 8, 2008;
- our Quarterly Reports on Form 10-Q for the periods ended March 31, 2008, June 30, 2008, and September 30, 2008, filed on May 15, 2008, August 14, 2008, and November 13, 2008, respectively; and
- our Current Reports on Form 8-K filed on January 7, 2008, January 7, 2008, April 29, 2008, May 8, 2008, August 4, 2008, September 26, 2008, September 29, 2008, October 16, 2008, November 6, 2008, November 19, 2008, December 8, 2008, December 23, 2008 and January 26, 2009.

You may request a copy of any or all of the information incorporated by reference into this prospectus (other than an exhibit to the filings unless we have specifically incorporated that exhibit by reference into the filing), at no cost, by writing or telephoning us at the following address:

CVR Energy, Inc.
2277 Plaza Drive, Suite 500
Sugar Land, Texas 77479
Attention: Investor Relations
Telephone: (281) 207-3464

You should rely only on the information contained or incorporated by reference into this prospectus or in any prospectus supplement. We have not authorized anyone 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 to sell, or soliciting an offer to buy, securities in any jurisdiction where the offer and sale is not permitted.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the common shares offered hereby. This prospectus is part of a registration statement we have filed with the SEC. As permitted by SEC rules, this prospectus does not contain all of the information we have included in the registration statement and the accompanying exhibits. You may refer to the registration statement and the exhibits for more information about us and our securities. The registration statement and the exhibits are available at the SEC's Public Reference Room or through its website.

We file annual, quarterly and current reports, proxy statements and other information with the SEC. You can read and copy any materials we file with the SEC at its Public Reference Room at 100 F Street N.E., Washington DC, 20549. You can obtain information about the operations of the SEC Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC also maintains a website that contains information we file electronically with the SEC, which you can access over the Internet at <http://www.sec.gov>. Our common stock is listed on the New York Stock Exchange (NYSE: CVI), and you can obtain information about us at the offices of the New York Stock Exchange, 20 Broad Street, New York, New York 10005. General information about us, including our annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and amendments to those reports, is available free of charge through our website at <http://www.cvenergy.com> as soon as reasonably practicable after we electronically file them with, or furnish them to, the SEC. Information on our website is not incorporated into this prospectus or our other securities filings and is not a part of these filings.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the costs and expenses, other than selling or underwriting discounts and commissions, to be incurred by us in connection with the issuance and distribution of the securities being registered hereby. With the exception of the SEC registration fee and FINRA filing fee, all fees and expenses set forth below are estimates.

SEC registration fee	\$ 22,192
FINRA filing Fee	\$ 56,963
Accounting fees and expenses	\$ 130,000
Legal fees and expenses	\$ 375,000
Trustee fees	\$ 15,000
Printing and engraving expenses	\$ 230,000
Miscellaneous expenses	\$ 845
Total	<u>\$ 830,000</u>

Item 15. Indemnification of Directors and Officers.

Section 145 of the Delaware General Corporation Law authorizes a court to award, or a corporation's board of directors to grant, indemnity to directors and officers in terms sufficiently broad to permit such indemnification under certain circumstances for liabilities (including reimbursement for expenses incurred) arising under the Securities Act.

As permitted by the Delaware General Corporation Law, the Registrant's Certificate of Incorporation includes a provision that eliminates the personal liability of its directors for monetary damages for breach of fiduciary duty as a director, except for liability:

- for any breach of the director's duty of loyalty to the Registrant or its stockholders;
- for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;
- under section 174 of the Delaware General Corporation Law regarding unlawful dividends and stock purchases; or
- for any transaction for which the director derived an improper personal benefit.

As permitted by the Delaware General Corporation Law, the Registrant's Bylaws provide that:

- the Registrant is required to indemnify its directors and officers to the fullest extent permitted by the Delaware General Corporation Law, subject to very limited exceptions;
- the Registrant may indemnify its other employees and agents to the fullest extent permitted by the Delaware General Corporation Law, subject to very limited exceptions;
- the Registrant is required to advance expenses, as incurred, to its directors and officers in connection with a legal proceeding to the fullest extent permitted by the Delaware General Corporation Law, subject to very limited exceptions;
- the Registrant may advance expenses, as incurred, to its employees and agents in connection with a legal proceeding; and
- the rights conferred in the Bylaws are not exclusive.

The Registrant's board of directors has approved a form of indemnification agreement for its directors and officers and expects that each of its current and future directors and officers will enter into substantially similar indemnification agreements with the Registrant to give the Registrant's directors and officers additional contractual assurances regarding the scope of the indemnification set forth in the Registrant's Certificate of Incorporation and to provide additional procedural protections. At present, there is no pending litigation or proceeding involving a director, officer or employee of the Registrant regarding which indemnification is sought, nor is the Registrant aware of any threatened litigation that may result in claims for indemnification.

The indemnification provisions in the Registrant's Certificate of Incorporation and Bylaws and the indemnification agreements entered into between the Registrant and each of its current and future directors and officers may be sufficiently broad to permit indemnification of the Registrant's directors and officers for liabilities arising under the Securities Act.

CVR Energy, Inc. and its subsidiaries are covered by liability insurance policies which indemnify their directors and officers against loss arising from claims by reason of their legal liability for acts as such directors, officers or trustees, subject to limitations and conditions as set forth in the policies.

The Registration Rights Agreements between the registrant and certain investors provides for cross-indemnification in connection with registration of the registrant's common stock on behalf of such investors.

In connection with an offering of the securities registered hereunder, the registrant may enter into an underwriting agreement which may provide that the underwriters are obligated, under certain circumstances, to indemnify directors, officers and controlling persons of the registrant against certain liabilities, including liabilities under the Securities Act.

Item 16. Exhibits.

The exhibits to this Registration Statement are listed on the Exhibit Index page hereof, which is incorporated by reference into this Item 16.

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;

(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 the 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 SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(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) above 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 Exchange Act that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act, 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 to any purchaser:

(i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) 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 the 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, 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 the registration statement relating to the securities in the 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 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 effective date, 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 effective date.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report, pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) 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 may be permitted to directors, officers or controlling persons of the registrant pursuant to the provisions described in Part II, Item 15 hereof, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the 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, the 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 and will be governed by the final adjudication of such issue.

EXHIBIT INDEX

Number	Exhibit Title
1.1**	Form of Underwriting Agreement for Common Stock, Preferred Stock, Debt Securities, Warrants and/or Subscription Rights.
3.1*	Amended and Restated Certificate of Incorporation of CVR Energy, Inc. (filed as Exhibit 10.1 to the Company's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2007 and incorporated by reference herein).
3.2*	Amended and Restated Bylaws of CVR Energy, Inc. (filed as Exhibit 10.2 to the Company's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2007 and incorporated by reference herein).
4.1*	Specimen Common Stock Certificate (filed as Exhibit 4.1 to the Company's Original Registration Statement on Form S-1, File No. 333-137588 and incorporated by reference herein).
4.2	Form of Senior Debt Securities Indenture.
4.3	Form of Subordinated Debt Securities Indenture.
4.4**	Form of Warrant Agreement (Stock) (including form of Warrant Certificate).
4.5**	Form of Warrant Agreement (Debt) (including form of Warrant Certificate).
4.6**	Form of Subscription Rights Agreement (including form of Subscription Rights Certificate).
4.7**	Form of Senior Note.
4.8**	Form of Subordinated Note.
5.1	Opinion of Fried, Frank, Harris, Shriver & Jacobson LLP relating to the shares of common stock, preferred stock, debt securities, warrants and subscription rights to be sold by the Company.
5.2	Opinion of Fried, Frank, Harris, Shriver & Jacobson LLP relating to the shares of common stock to be sold by the selling stockholders.
12.1	Computation of Ratio of Earnings to Fixed Charges.
23.1	Consent of KPMG LLP.
23.2	Consent of Fried, Frank, Harris, Shriver & Jacobson LLP (included in Exhibit 5.1).
23.3	Consent of Fried, Frank, Harris, Shriver & Jacobson LLP (included in Exhibit 5.2).
24.1*	Power of Attorney.
24.2	Power of Attorney of C. Scott Hobbs.
25.1	Form T-1 Statement of Eligibility for the Senior Debt Securities Indenture.
25.2	Form T-1 Statement of Eligibility for the Subordinated Debt Securities Indenture.

* Previously filed.

** To be filed by amendment or as an exhibit to a report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, including any Current Report on Form 8-K, and incorporated herein by reference if necessary or required by the transaction.

CVR Energy, Inc.
and
Wells Fargo Bank, N.A., as Trustee
Indenture
Dated as of _____, ____
Senior Debt Securities

CROSS REFERENCE SHEET*

Between

Provisions of Trust Indenture Act (as defined herein) and Indenture, dated as of _____, _____, between CVR ENERGY, INC. and WELLS FARGO BANK, N.A., as Trustee:

SECTION OF THE ACT	SECTION OF INDENTURE
310(a)(1) and (2)	6.9
310(a)(3) and (4)	Inapplicable
310(b)	6.8, 6.10(a), (b) and (d)
310(c)	Inapplicable
311(a)	6.13
311(b)	6.13
311(c)	Inapplicable
312(a)	4.1 and 4.2
312(b)	4.2
312(c)	4.2
313(a)	4.3
313(b)(1)	Inapplicable
313(b)(2)	4.3
313(c)	4.3, 5.11, 6.10, 6.11, 8.2 and 12.2
313(d)	4.3
314(a)	3.5 and 4.2
314(b)	Inapplicable
314(c)(1) and (2)	11.5
314(c)(3)	Inapplicable
314(d)	Inapplicable
314(e)	11.5
314(f)	Inapplicable
315(a), (c) and (d)	6.1
315(b)	5.11
315(e)	5.12
316(a)(1)	5.9 and 5.10
316(a)(2)	Not required
316(a) (last sentence)	7.4
316(b)	5.7
317(a)	5.2
317(b)	3.4(a) and (b)
318(a)	11.7

* This Cross Reference Sheet is not part of the Indenture.

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THIS INDENTURE, dated as of _____, _____, by and between CVR ENERGY, INC., a Delaware corporation (the "Issuer"), and WELLS FARGO BANK, N.A., a national banking association, as trustee (the "Trustee"),

WITNESSETH:

WHEREAS, the Issuer has duly authorized the issue from time to time of its debentures, notes or other evidences of senior indebtedness to be issued in one or more series (the "Securities") up to such principal amount or amounts as may from time to time be authorized in accordance with the terms of this Indenture;

WHEREAS, the Issuer has duly authorized the execution and delivery of this Indenture to provide, among other things, for the authentication, delivery and administration of the Securities; and

WHEREAS, all things necessary to make this Indenture a valid indenture and agreement according to its terms have been done;

NOW, THEREFORE:

In consideration of the premises and the purchases of the Securities by the holders thereof, the Issuer and the Trustee mutually covenant and agree for the equal and proportionate benefit of the respective holders from time to time of the Securities and of the coupons, if any, appertaining thereto as follows:

ARTICLE I

DEFINITIONS

SECTION 1.1. CERTAIN TERMS DEFINED. The following terms (except as otherwise expressly provided or unless the context otherwise clearly requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section. All other terms used in this Indenture that are defined in the Trust Indenture Act of 1939, as amended (the "Trust Indenture Act"), or the definitions of which in the Securities Act of 1933, as amended (the "Securities Act"), are referred to in the Trust Indenture Act, including terms defined therein by reference to the Securities Act (except as herein otherwise expressly provided or unless the context otherwise requires), shall have the meaning assigned to such terms in the Trust Indenture Act and in the Securities Act as in effect from time to time. All accounting terms used herein and not expressly defined shall have the meanings assigned to such terms in accordance with generally accepted accounting principles, and the term "generally accepted accounting principles" means such accounting principles as are generally accepted at the time of any computation unless a different time shall be specified with respect to such series of Securities as provided for in Section 2.3. 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. The terms defined in this Article have the meanings assigned to them in this Article and include the plural as well as the singular.

“Affiliate” has the same meaning as given to that term in Rule 405 of the Securities Act or any successor provision.

“Authenticating Agent” shall have the meaning set forth in Section 6.14.

“Authorized Newspaper” means a newspaper of general circulation in The City of New York and will be, if practicable, *The Wall Street Journal* (Eastern Edition). If it shall be impractical in the opinion of the Trustee to make any publication of any notice required hereby in an Authorized Newspaper, any publication or other notice in lieu thereof which is made or given with the approval of the Trustee shall constitute a sufficient publication of such notice.

“Board of Directors” means either the Board of Directors of the Issuer or any committee of such Board duly authorized to act on its behalf.

“Board Resolution” means a copy of one or more resolutions, certified by the secretary or an assistant secretary of the Issuer to have been duly adopted or consented to by the Board of Directors and to be in full force and effect, and delivered to the Trustee.

“Business Day” means, with respect to any Security, a day that is not a day on which banking institutions in the city (or in any of the cities, if more than one) in which amounts are payable, as specified in the form of such Security, are authorized or required by any applicable law or regulation to be closed.

“Capital Stock” means, with respect to any corporation, any and all shares, interests, rights to purchase (other than convertible or exchangeable indebtedness that is not itself otherwise capital stock), warrants, options, participations or other equivalents of or interests (however designated) in stock issued by that corporation.

“Commission” 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 and delivery of this Indenture such Commission is not existing and performing the duties now assigned to it under the Trust Indenture Act, then the body performing such duties on such date.

“Corporate Trust Office” means the office of the Trustee at which the corporate trust business of the Trustee shall, at any particular time, be principally administered, which office is, as of the date of this Indenture, located at 45 Broadway, 14th Floor, New York, NY 10006, Attention: Corporate Trust Services.

“Coupon” means any interest coupon appertaining to an Unregistered Security.

“Covenant Defeasance” shall have the meaning set forth in Section 10.1(C).

“Depository” means, with respect to the Securities of any series issuable or issued in the form of one or more Registered Global Securities, the Person designated as Depository by the Issuer pursuant to Section 2.3 until a successor Depository shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Depository” shall mean or include each Person who is then a Depository hereunder, and if at any time there is more than one such

Person, "Depository" as used with respect to the Securities of any such series shall mean the Depository with respect to the Registered Global Securities of that series.

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

"Equity Interests" means Capital Stock or partnership, participation or membership interests and all warrants, options or other rights to acquire Capital Stock or partnership, participation or membership interests (but excluding any debt security that is convertible into, or exchangeable for, Capital Stock or partnership, participation or membership interests).

"Event of Default" means any event or condition specified as such in Section 5.1.

"Exchange Act" means the Securities Exchange Act of 1934, as amended.

"Fair Value" when used with respect to any Voting Equity Interests of the Issuer means the fair value as determined in good faith by the Board of Directors of the Issuer.

"Foreign Currency" means any coin, currency, currency unit or composite currency, including, without limitation, the euro, issued by the government of one or more countries, other than the United States of America or by any internationally recognized union, confederation or association of such governments.

"Holder," "Holder of Securities," "Securityholder" or any other similar terms mean (a) in the case of any Registered Security, the person in whose name such Security is registered in the security register kept by the Issuer for that purpose in accordance with the terms hereof, and (b) in the case of any Unregistered Security, the bearer of such Security, or any Coupon appertaining thereto, as the case may be.

"Indenture" means this instrument as originally executed and delivered or, if amended or supplemented as herein provided, as so amended or supplemented or both, and shall include the forms and terms of particular series of Securities established as contemplated hereunder, *provided*, that, if at any time more than one Person is acting as Trustee under this instrument, "Indenture" shall mean, with respect to one or more series of Securities for which such person is trustee, this instrument as originally executed and delivered or, if amended or supplemented as herein provided, as so amended or supplemented or both, and shall include the forms and terms of those particular series of Securities for which such Person is Trustee established as contemplated hereunder, exclusive, however, of any provisions or terms which relate solely to other series of Securities for which such person is not Trustee, regardless of when such terms or provisions were adopted.

"IRS" means the Internal Revenue Service of the United States Department of the Treasury, or any successor entity.

"Issuer" means (except as otherwise provided in Article IX) CVR Energy, Inc., a Delaware corporation, and, subject to Article IX, its successors and assigns.

“Issuer Order” means a written statement, request or order of the Issuer signed in its name by the chairman of the Board of Directors, chief executive officer, president, any vice president or the treasurer of the Issuer.

“Judgment Currency” has the meaning set forth in Section 11.12.

“Non-U.S. Person” means any person that is not a “U.S. person” as such term is defined in Rule 902 of the Securities Act.

“Officer’s Certificate” means a certificate signed by the chairman of the Board of Directors, chief executive officer, president or any vice president or the treasurer of the Issuer and delivered to the Trustee. Each such certificate shall comply with Section 314 of the Trust Indenture Act and include the statements provided for in Section 11.5.

“Opinion of Counsel” means an opinion in writing signed by legal counsel who may be an employee of the Issuer or other counsel reasonably satisfactory to the Trustee. Each such opinion shall comply with Section 314 of the Trust Indenture Act and include the statements provided for in Section 11.5.

“Original Issue Date” of any Security (or portion thereof) means the earlier of (a) the date of such Security or (b) the date of any Security (or portion thereof) for which such Security was issued (directly or indirectly) on registration of transfer, exchange or substitution.

“Original Issue Discount Security” means any Security that 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 5.1.

“Outstanding” (except as otherwise provided in Section 7.4), when used with reference to Securities, means, subject to the provisions of Section 7.4, as of any particular time, all Securities authenticated and delivered by the Trustee under this Indenture, except:

(a) Securities theretofore cancelled by the Trustee or delivered to the Trustee for cancellation;

(b) Securities, or portions thereof, for the payment or redemption of which moneys or U.S. Government Obligations (as provided for in Section 10.1) in the necessary amount shall have been deposited in trust with the Trustee or with any paying agent (other than the Issuer) or shall have been set aside, segregated and held in trust by the Issuer for the Holders of such Securities (if the Issuer shall act as its own paying agent), *provided*, that if such Securities, or portions thereof, are to be redeemed prior to the maturity thereof, written notice of such redemption shall have been given as herein provided, or provisions satisfactory to the Trustee shall have been made for giving such written notice; and

(c) Securities which shall have been paid or in substitution for which other Securities shall have been authenticated and delivered pursuant to the terms of Section 2.9 (except with respect to any such Security as to which proof satisfactory to the Trustee is

presented that such Security is held by a person in whose hands such Security is a legal, valid and binding obligation of the Issuer).

In determining whether the Holders of the requisite principal amount of Outstanding Securities of any or all series have given any request, demand, authorization, direction, notice, consent or waiver hereunder, the principal amount of an Original Issue Discount Security that shall be deemed to be Outstanding for such purposes shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon a declaration of acceleration of the maturity thereof pursuant to Section 5.1.

“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, if any, thereon, the stated maturity or maturities thereof and the redemption provisions, if any, with respect thereto, are to be determined by the Issuer or its agents upon the issuance of such Securities.

“Person” means any individual, corporation, business trust, partnership, limited liability company, joint venture, association, joint stock company, trust, unincorporated organization or government or any agency or political subdivision thereof.

“principal” whenever used with reference to the Securities or any Security or any portion thereof, shall be deemed to include “and premium, if any,” *provided, however*, that such inclusion of premium, if any, shall under no circumstances result in the double counting of such premium for the purpose of any calculation required hereunder.

“record date” shall have the meaning set forth in Section 2.7.

“Registered Global Security” means a Security evidencing all or a part of a series of Registered Securities, issued to the Depository for such series in accordance with Section 2.4, and bearing the legend prescribed in Section 2.4 and any other legend required by the Depository for such series.

“Registered Security” means any Security registered on the Security register of the Issuer.

“Required Currency” shall have the meaning set forth in Section 11.12.

“Responsible Officer” when used with respect to the Trustee means any trust officer or assistant trust officer, or any other officer of the Trustee customarily performing functions similar to those performed by the persons who at the time shall be such officers, respectively, or to whom any corporate trust matter is referred because of his or her knowledge of and familiarity with the particular subject and who shall have direct responsibility for the administration of this Indenture.

“Security” or “Securities” (except as otherwise provided in Section 7.4) has the meaning stated in the first recital of this Indenture, or, as the case may be, Securities that have been authenticated and delivered under this Indenture.

“Securities Act” means the Securities Act of 1933, as amended.

“Subsidiary,” with respect to any Person, means (i) a corporation a majority of whose Voting Equity Interests is at the time, directly or indirectly, owned by such Person, by such Person and one or more Subsidiaries of such Person or by one or more Subsidiaries of such Person, (ii) any other Person (other than a corporation) in which such Person, one or more Subsidiaries of such Person, or such Person and one or more Subsidiaries of such Person, directly or indirectly, at the date of determination thereof has at least majority ownership interest, or (iii) a partnership in which such Person or a Subsidiary of such Person is, at the time, a general partner.

“Trustee” means the Person identified as “Trustee” in the first paragraph hereof and, subject to the provisions of Article VI, shall also include any successor trustee. “Trustee” shall also 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 the Securities of such series.

“Unregistered Security” means any Security other than a Registered Security.

“U.S. Government Obligations” shall have the meaning set forth in Section 10.1(A).

“Voting Equity Interests” means Equity Interests which at the time are entitled to vote in the election of, as applicable, directors, members or partners generally; *provided*, that, for the purposes hereof, Equity Interests that carry only the right to vote conditionally on the happening of an event shall not be considered Voting Equity Interests whether or not such event shall have happened.

“Yield to Maturity” means the yield to maturity on a series of securities, calculated at the time of issuance of such series, or, if applicable, at the most recent redetermination of interest on such series, and calculated in accordance with accepted financial practice.

ARTICLE II

SECURITIES

SECTION 2.1. FORMS GENERALLY. The Securities of each series and the Coupons, if any, to be attached thereto shall be substantially in such form as shall be established by or pursuant to one or more Board Resolutions (as set forth in a Board Resolution or, to the extent established pursuant to but not set forth in a Board Resolution, an Officer’s Certificate detailing such establishment) 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 imprinted or otherwise reproduced thereon such legend or legends or endorsements as may be required to comply with any law or with any rules or regulations pursuant thereto, or with any rules of any securities exchange or to conform to general usage, all as may be determined by the officers executing such Securities and Coupons, if any, as evidenced by their execution of such Securities and Coupons.

The definitive Securities and Coupons, if any, 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 and Coupons, if any, as evidenced by their execution of such Securities and Coupons, if any.

SECTION 2.2. FORM OF TRUSTEE'S CERTIFICATE OF AUTHENTICATION. The Trustee's certificate of authentication on all Securities shall be in substantially the following form:

"This is one of the Securities referred to in the within-mentioned Indenture.

WELLS FARGO BANK, N.A., as Trustee

By _____
Authorized Signatory"

If at any time there shall be an Authenticating Agent appointed with respect to any series of Securities, then the Trustee's Certificate of Authentication to be borne by the Securities of each such series shall be substantially as follows:

"This is one of the Securities referred to in the within-mentioned Indenture.

as Authenticating Agent

By _____
Authorized Signatory"

SECTION 2.3. 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 one or more Board Resolutions (and to the extent established pursuant to but not set forth in a Board Resolution, in an Officer's Certificate detailing such establishment) or established in one or more indentures supplemental hereto, prior to the initial issuance of Securities of any series,

- (1) the designation of the Securities of the series, which shall distinguish the Securities of the series from the Securities of all other series, and which may be part of a series of Securities previously issued;
- (2) any limit upon the aggregate principal amount of the Securities of the series that 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 2.8, 2.9, 2.11, 8.5 or 12.3);

(3) if other than Dollars, the Foreign Currency or Foreign Currencies in which the Securities of the series are denominated;

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

(5) the rate or rates at which the Securities of the series shall bear interest, if any, the date or dates from which such interest shall accrue, on which such interest shall be payable, the terms and conditions of any deferral of interest and the additional interest, if any, thereon, the right, if any, of the Issuer to extend the interest payment periods and the duration of the extensions and (in the case of Registered Securities) the date or dates on which a record shall be taken for the determination of Holders to whom interest is payable and/or the method by which such rate or rates or date or dates shall be determined;

(6) the place or places where and the manner in which, the principal of and any interest on Securities of the series shall be payable, if other than as provided in Section 3.2;

(7) the right, if any, of the Issuer to redeem Securities, in whole or in part, at its option and the period or periods within which, or the date or dates on which, the price or prices at which and any terms and conditions upon which Securities of the series may be so redeemed, pursuant to any sinking fund or otherwise;

(8) the obligation, if any, of the Issuer to redeem, purchase or repay Securities of the series pursuant to any mandatory redemption, sinking fund or analogous provisions or at the option of a Holder thereof and the price or prices at which and the period or periods within which or the date or dates on which, and any terms and conditions upon which Securities of the series shall be redeemed, purchased or repaid, in whole or in part, pursuant to such obligation;

(9) if other than denominations of \$1,000 and any integral multiple thereof in the case of Registered Securities, or \$1,000 and \$5,000 in the case of Unregistered Securities, the denominations in which Securities of the series shall be issuable;

(10) the percentage of the principal amount at which the Securities will be issued, and, 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 and the terms and conditions of any acceleration;

(11) if other than the coin, currency or currencies in which the Securities of the series are denominated, the coin, currency or currencies in which payment of the principal of or interest on the Securities of such series shall be payable, including composite currencies or currency units;

(12) if the principal of or interest on the Securities of the series are to be payable, at the election of the Issuer or a Holder thereof, in a coin or currency other than that in

which the Securities are denominated, the period or periods within which, and the terms and conditions upon which, such election may be made;

(13) if the amount of payments of principal of and interest on the Securities of the series may be determined with reference to an index or formula based on a coin, currency, composite currency or currency unit other than that in which the Securities of the series are denominated, the manner in which such amounts shall be determined;

(14) whether the Securities of the series will be issuable as Registered Securities (and if so, whether such Securities will be issuable as Registered Global Securities) or Unregistered Securities (with or without Coupons), or any combination of the foregoing, any restrictions applicable to the offer, sale or delivery of Unregistered Securities or the payment of interest thereon and, if other than as provided in Section 2.8, the terms upon which Unregistered Securities of any series may be exchanged for Registered Securities of such series and vice versa;

(15) whether and under what circumstances the Issuer 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 Issuer will have the option to redeem the Securities of the series rather than pay such additional amounts;

(16) 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;

(17) any trustees, depositories, authenticating or paying agents, transfer agents or registrars of any other agents with respect to the Securities of such series;

(18) any deletion from, modification of or addition to the definitions, Events of Default, defeasance provisions, covenants or other provisions with respect to the Securities of such series;

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

(20) if the Securities of the series are to be secured by any assets or properties of the Issuer or any of its Affiliates;

(21) if the Securities are to be guaranteed by any other entities; and

(22) any other terms of the series.

All Securities of any one series and Coupons, if any, appertaining thereto shall be substantially identical, except in the case of Registered Securities as to denomination and except

as may otherwise be provided by or pursuant to the Board Resolution or Officer's Certificate referred to above or as set forth in any indenture supplemental hereto. All Securities of any one series need not be issued at the same time and may be issued from time to time without consent of any Holder, consistent with the terms of this Indenture, if so provided by or pursuant to such Board Resolution, such Officer's Certificate or in any indenture supplemental hereto.

SECTION 2.4. AUTHENTICATION AND DELIVERY OF SECURITIES. The Issuer may deliver Securities of any series having attached thereto appropriate Coupons, if any, executed by the Issuer to the Trustee for authentication together with the applicable documents referred to below in this Section 2.4, and the Trustee shall thereupon authenticate and deliver such Securities and Coupons, if any, to or upon the order of the Issuer (contained in the Issuer Order referred to below in this Section) or pursuant to such procedures reasonably acceptable to the Trustee and to such recipients as may be specified from time to time by an Issuer Order. The maturity date, original issue date, interest rate and any other terms of the Securities of such series and Coupons, if any, appertaining thereto shall be determined by or pursuant to such Issuer Order and procedures. If provided for in such procedures, such Issuer Order may authorize authentication and delivery pursuant to oral or electronic instructions from the Issuer or its duly authorized agent or agents, which instructions, if oral, shall be promptly confirmed in writing. In authenticating such Securities and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive (in the case of subparagraphs (2), (3) and (4) below only at or before the time of the first request of the Issuer to the Trustee to authenticate Securities of such series) and (subject to Section 6.1) shall be fully protected in conclusively relying upon, the following enumerated documents unless and until such documents have been superseded or revoked:

(1) an Issuer Order requesting such authentication and setting forth delivery instructions if the Securities and Coupons, if any, are not to be delivered to the Issuer, provided that, with respect to Securities of a series subject to a Periodic Offering, (a) such Issuer Order may be delivered by the Issuer to the Trustee prior to the delivery to the Trustee of such Securities for authentication and delivery, (b) the Trustee shall authenticate and deliver Securities of such series for original issue from time to time, in an aggregate principal amount not exceeding the aggregate principal amount established for such series, pursuant to an Issuer Order or pursuant to procedures acceptable to the Trustee as may be specified from time to time by an Issuer Order, (c) the maturity date or dates, original issue date or dates, interest rate or rates and any other terms of Securities of such series shall be determined by an Issuer Order or pursuant to such procedures and (d) if provided for in such procedures, such Issuer Order may authorize authentication and delivery pursuant to oral or electronic instructions from the Issuer or its duly authorized agent or agents, which instructions, if oral, shall be promptly confirmed in writing;

(2) any Board Resolution, Officer's Certificate and/or executed supplemental indenture referred to in Section 2.1 and 2.3 by or pursuant to which the forms and terms of the Securities and Coupons, if any, were established;

(3) an Officer's Certificate stating that all conditions precedent to the issuance and authorization of the Securities have been complied with; and

(4) At the option of the Issuer, either one or more Opinions of Counsel, or a letter addressed to the Trustee permitting it to rely on one or more Opinions of Counsel, substantially to the effect that:

(a) the form or forms of the Securities and Coupons, if any, have been duly authorized and established in conformity with the provisions of this Indenture;

(b) that the terms of such Securities have been duly authorized and established in conformity with the provisions of this Indenture;

(c) that such Securities, when authenticated and delivered by the Trustee and issued by the Issuer in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Issuer, enforceable in accordance with their terms, subject to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting the enforcement of creditors' rights and to general equity principles;

(d) that the execution and delivery by the Issuer of such Securities does not conflict with United States or New York law; and

(e) all conditions precedent to the issuance and authorization of the Securities have been complied with.

Any counsel may state that such opinions are limited to matters arising under the laws of the State of New York and the General Corporation Law of the State of Delaware. Such counsel may rely upon opinions of other counsel (copies of which shall be delivered to the Trustee) reasonably satisfactory to the Trustee, in which case the opinion shall state that such counsel believes he and the Trustee are entitled so to rely. Such counsel may also state that, insofar as such opinion involves factual matters, he has relied, to the extent he deems proper, upon certificates of officers of the Issuer and its subsidiaries and certificates of public officials.

The Trustee shall have the right to decline to authenticate and deliver any Securities under this section if the Trustee, being advised by counsel, determines that such action may not lawfully be taken by the Issuer or if the Trustee in good faith by its board of directors or board of trustees, executive committee or a trust committee of directors or trustees shall determine that such action would expose the Trustee to personal liability to existing Holders or would affect the Trustee's own rights, duties or immunities under the Securities, this Indenture or otherwise.

If the Issuer shall establish pursuant to Section 2.3 that the Securities of a series are to be issued in the form of one or more Registered Global Securities, then the Issuer shall execute and the Trustee shall, in accordance with this Section and the Issuer Order with respect to such series, authenticate and deliver one or more Registered Global Securities that (i) shall represent and shall be denominated in an amount equal to the aggregate principal amount of all of the Securities of such series issued and not yet cancelled, (ii) shall be registered in the name of the Depository for such Registered Global Security or Securities or the nominee of such Depository, (iii) shall be delivered by the Trustee to such Depository or delivered or held pursuant to such Depository's instructions and (iv) shall bear a legend substantially to the following effect:

“Unless and until it is exchanged in whole or in part for Securities in definitive registered form, this Security may not be transferred except as a whole by the Depository to the nominee of the Depository or by a nominee of the Depository to the Depository or another nominee of the Depository or by the Depository or any such nominee to a successor Depository or a nominee of such successor Depository.”

Each Depository designated pursuant to Section 2.3 must, at the time of its designation and at all times while it serves as Depository, be a clearing agency registered under the Exchange Act and any other applicable statute or regulation.

SECTION 2.5. EXECUTION OF SECURITIES. The Securities and each Coupon appertaining thereto, if any, shall be signed on behalf of the Issuer by the chairman of its Board of Directors or its president, or any executive officer, a vice president or its secretary. Such signatures may be the manual or facsimile signatures of the present or any future such officers. The seal of the Issuer may but need not be included or the Security affixed, imprinted or otherwise reproduced on the Securities. Typographical and other minor errors or defects in any such signature shall not affect the validity or enforceability of any Security that has been duly authenticated and delivered by the Trustee.

In case any officer of the Issuer who shall have signed any of the Securities or Coupons, if any, shall cease to be such officer before the Security or Coupon so signed (or the Security to which the Coupon so signed appertains) shall be authenticated and delivered by the Trustee or disposed of by the Issuer, such Security or Coupon nevertheless may be authenticated and delivered or disposed of as though the person who signed such Security or Coupon had not ceased to be such officer of the Issuer; and any Security or Coupon may be signed on behalf of the Issuer by such persons as, at the actual date of the execution of such Security or Coupon, shall be the proper officers of the Issuer, although at the date of the execution and delivery of this Indenture any such person was not such an officer.

SECTION 2.6. CERTIFICATE OF AUTHENTICATION. Only such Securities as shall bear thereon a certificate of authentication substantially in the form hereinbefore recited, executed by the Trustee by the manual signature of one of its authorized signatories, shall be entitled to the benefits of this Indenture or be valid or obligatory for any purpose. No Coupon shall be entitled to the benefits of this Indenture or shall be valid and obligatory for any purpose until the certificate of authentication on the Security to which such Coupon appertains shall have been duly executed by the Trustee. The execution of such certificate by the Trustee upon any Security executed by the Issuer shall be conclusive evidence that the Security so authenticated has been duly authenticated and delivered hereunder and that the Holder is entitled to the benefits of this Indenture.

SECTION 2.7. DENOMINATION AND DATE OF SECURITIES; PAYMENT OF INTEREST. The Securities of each series shall be issuable as Registered Securities or Unregistered Securities in denominations established as contemplated by Section 2.3 or, with respect to the Registered Securities of any series, if not so established, in denominations of \$1,000 and any integral multiple thereof. If denominations of Unregistered Securities of any series are not so established, such Securities shall be issuable in denominations of \$1,000 and

\$5,000. The Securities of each series shall be numbered, lettered or otherwise distinguished in such manner or in accordance with such plan as the officers of the Issuer executing the same may determine with the approval of the Trustee, as evidenced by the execution and authentication thereof.

Each Registered Security shall be dated the date of its authentication. Each Unregistered Security shall be dated as provided in the Board Resolution referred to in Section 2.3. The Securities of each series shall bear interest, if any, from the date, and such interest shall be payable on the dates, established as contemplated by Section 2.3.

The person in whose name any Registered Security of any series is registered at the close of business on any record date applicable to a particular series with respect to any interest payment date for such series shall be entitled to receive the interest, if any, payable on such interest payment date notwithstanding any transfer or exchange of such Registered Security subsequent to the record date and prior to such interest payment date, except if and to the extent the Issuer shall default in the payment of the interest due on such interest payment date for such series, in which case such defaulted interest shall be paid to the persons in whose names Outstanding Registered Securities for such series are registered at the close of business on a subsequent record date (which shall be not less than five Business Days prior to the date of payment of such defaulted interest) established by notice given by mail by or on behalf of the Issuer to the Holders of Registered Securities not less than 15 days preceding such subsequent record date. The term "record date" as used with respect to any interest payment date (except a date for payment of defaulted interest) for the Securities of any series shall mean the date specified as such in the terms of the Registered Securities of such series established as contemplated by Section 2.3, or, if no such date is so established, if such interest payment date is the first day of a calendar month, the fifteenth day of the preceding calendar month or, if such interest payment date is the fifteenth day of a calendar month, the first day of such calendar month, whether or not such record date is a Business Day.

SECTION 2.8. REGISTRATION, TRANSFER AND EXCHANGE. (a) The Issuer will keep at each office or agency to be maintained for the purpose as provided in Section 3.2 for each series of Securities a register or registers in which, subject to such reasonable regulations as the Issuer may prescribe, it will provide for the registration of Registered Securities of such series and the registration of transfer of Registered Securities of such series. Such register shall be in written form in the English language or in any other form capable of being converted into such form within a reasonable time. At all reasonable times such register or registers shall be open for inspection by the Trustee.

Upon due presentation for registration of transfer of any Registered Security of any series at any such office or agency to be maintained for the purpose as provided in Section 3.2, the Issuer shall execute and the Trustee shall authenticate and deliver in the name of the transferee or transferees a new Registered Security or Registered Securities of the same series, maturity date, interest rate and original issue date in authorized denominations for a like aggregate principal amount.

Unregistered Securities (except for any temporary global Unregistered Securities) and Coupons (except for Coupons attached to any temporary global Unregistered Securities) shall be transferable by delivery.

At the option of the Holder thereof, Registered Securities of any series (other than a Registered Global Security, except as set forth below) may be exchanged for a Registered Security or Registered Securities of such series having authorized denominations and an equal aggregate principal amount, upon surrender of such Registered Securities to be exchanged at the agency of the Issuer that shall be maintained for such purpose in accordance with Section 3.2 and upon payment, if the Issuer shall so require, of the charges hereinafter provided. If the Securities of any series are issued in both registered and unregistered form, at the option of the Holder thereof, except as otherwise specified pursuant to Section 2.3, Unregistered Securities of any series may be exchanged for Registered Securities of such series having authorized denominations and an equal aggregate principal amount, upon surrender of such Unregistered Securities to be exchanged at the agency of the Issuer that shall be maintained for such purpose in accordance with Section 3.2, with, in the case of Unregistered Securities that have Coupons attached, all unmatured Coupons and all matured Coupons in default thereto appertaining, and upon payment, if the Issuer shall so require, of the charges hereinafter provided. At the option of the Holder thereof, if Unregistered Securities of any series, maturity date, interest rate and original issue date are issued in more than one authorized denomination, except as otherwise specified pursuant to Section 2.3, such Unregistered Securities may be exchanged for Unregistered Securities of such series having authorized denominations and an equal aggregate principal amount, upon surrender of such Unregistered Securities to be exchanged at the agency of the Issuer that shall be maintained for such purpose in accordance with Section 3.2 or as specified pursuant to Section 2.3, with, in the case of Unregistered Securities that have Coupons attached, all unmatured Coupons and all matured Coupons in default thereto appertaining, and upon payment, if the Issuer shall so require, of the charges hereinafter provided. Registered Securities of any series may not be exchanged for Unregistered Securities of such series unless (1) otherwise specified pursuant to Section 2.3 and (2) the Issuer has delivered to the Trustee an Opinion of Counsel that (x) the Issuer has received from the IRS a ruling or (y) since the date hereof, there has been a change in the applicable United States Federal income tax law, in either case to the effect that the inclusion of terms permitting Registered Securities to be exchanged for Unregistered Securities would result in no United States Federal income tax effect adverse to the Issuer or to any Holder. Whenever any Securities are so surrendered for exchange, the Issuer shall execute, and the Trustee shall authenticate and deliver, the Securities which the Holder making the exchange is entitled to receive. All Securities and Coupons, if any, surrendered upon any exchange or transfer provided for in this Indenture shall be promptly cancelled and disposed of by the Trustee in accordance with its regular procedures, and the Trustee shall deliver a certificate of disposition thereof to the Issuer.

All Registered Securities presented for registration of transfer, exchange, redemption or payment shall (if so required by the Issuer or the Trustee) be duly endorsed, or be accompanied by a written instrument or instruments of transfer in form satisfactory to the Issuer and the Trustee duly executed, by the Holder or his attorney duly authorized in writing.

The Issuer or the registrar may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any exchange or registration of transfer of Securities. No service charge shall be made for any such transaction.

The Issuer shall not be required to exchange or register a transfer of (a) any Securities of any series for a period of 15 days preceding the first mailing of notice of redemption of Securities of such series to be redeemed or (b) any Securities selected, called or being called for redemption, in whole or in part, except, in the case of any Security to be redeemed in part, the portion thereof not so to be redeemed.

Notwithstanding any other provision of this Section 2.8, unless and until it is exchanged in whole or in part for Securities in definitive registered form, a Registered Global Security representing all or a portion of the Securities of a series may not be transferred except as a whole by the Depository for such series to a nominee of such Depository or by a nominee of such Depository to such Depository or another nominee of such Depository or by such Depository or any such nominee to a successor Depository for such series or a nominee of such successor Depository.

If at any time the Depository for any Registered Securities of a series represented by one or more Registered Global Securities notifies the Issuer that it is unwilling or unable to continue as Depository for such Registered Securities or if at any time the Depository for such Registered Securities shall no longer be eligible under Section 2.4, the Issuer shall appoint a successor Depository eligible under Section 2.4 with respect to such Registered Securities. If a successor Depository eligible under Section 2.4 for such Registered Securities is not appointed by the Issuer within 90 days after the Issuer receives such notice or becomes aware of such ineligibility, the Issuer's election pursuant to Section 2.3 that such Registered Securities be represented by one or more Registered Global Securities shall no longer be effective and the Issuer will execute, and the Trustee, upon receipt of an Officer's Certificate for the authentication and delivery of definitive Securities of such series, will authenticate and deliver, Securities 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 Registered Global Security or Securities representing such Registered Securities in exchange for such Registered Global Security or Securities.

The Issuer may at any time and in its sole discretion determine that the Registered Securities of any series issued in the form of one or more Registered Global Securities shall no longer be represented by a Registered Global Security or Securities. In such event the Issuer will execute, and the Trustee, upon receipt of any Officer's Certificate for the authentication and delivery of definitive Securities of such series, will authenticate and deliver, Securities 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 Registered Global Security or Securities representing such Registered Securities, in exchange for such Registered Global Security or Securities.

If specified by the Issuer pursuant to Section 2.3 with respect to Securities represented by a Registered Global Security, the Depository for such Registered Global Security may surrender

such Registered Global Security in exchange in whole or in part for Securities of the same series in definitive registered form on such terms as are acceptable to the Issuer and such Depository. Thereupon, the Issuer shall execute, and the Trustee shall authenticate and deliver, without service charge,

(i) to the Person specified by such Depository a new Registered Security or Securities of the same series, 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 Registered Global Security; and

(ii) to such Depository a new Registered Global Security in a denomination equal to the difference, if any, between the principal amount of the surrendered Registered Global Security and the aggregate principal amount of Registered Securities authenticated and delivered pursuant to clause (i) above.

Upon the exchange of a Registered Global Security for Securities in definitive registered form without coupons, in authorized denominations, such Registered Global Security shall be cancelled by the Trustee or an agent of the Issuer or the Trustee. Securities in definitive registered form without coupons issued in exchange for a Registered Global Security pursuant to this Section 2.8 shall be registered in such names and in such authorized denominations as the Depository for such Registered Global Security, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee or an agent of the Issuer or the Trustee. The Trustee or such agent shall deliver such Securities to or as directed by the Persons in whose names such Securities are so registered.

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

Notwithstanding anything herein or in the terms of any series of Securities to the contrary, none of the Issuer, the Trustee or any agent of the Issuer or the Trustee (any of which, other than the Issuer, shall conclusively rely on an Officer's Certificate and an Opinion of Counsel) shall be required to exchange any Unregistered Security for a Registered Security if such exchange would result in United States Federal income tax consequences adverse to the Issuer (such as, for example, the inability of the Issuer to deduct from its income, as computed for United States Federal income tax purposes, the interest payable on the Unregistered Securities) under then applicable United States Federal income tax laws. The Trustee shall have no responsibility for any actions taken or not taken by the Depository.

The Trustee shall have no obligation or duty to monitor, determine or inquire as to compliance with any restrictions on transfer imposed under this Indenture or under applicable law with respect to any transfer of any interest in any Security (including any transfers between or among Depository participants or beneficial owners of interests in any Registered Global Security) other than to require delivery of such certificates and other documentation or evidence as are expressly required by, and to do so if and when expressly required by the terms of, this

Indenture, and to examine the same to determine substantial compliance as to form with the express requirements hereof.

SECTION 2.9. MUTILATED, DEFACED, DESTROYED, LOST AND STOLEN SECURITIES. In case any temporary or definitive Security or any Coupon appertaining to any Security shall be mutilated, defaced, destroyed, lost or stolen, the Issuer in its discretion may execute and, upon the written request of any officer of the Issuer, the Trustee shall authenticate and deliver, a new Security of the same series, maturity date, interest rate and original issue date, bearing a number or other distinguishing symbol not contemporaneously outstanding, in exchange and substitution for the mutilated or defaced Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen with Coupons corresponding to the Coupons appertaining to the Securities so mutilated, defaced, destroyed, lost or stolen, or in exchange or substitution for the Security to which such mutilated, defaced, destroyed, lost or stolen Coupon appertained, with Coupons appertaining thereto corresponding to the Coupons so mutilated, defaced, destroyed, lost or stolen. In every case, the applicant for a substitute Security or Coupon shall furnish to the Issuer and to the Trustee and any agent of the Issuer or the Trustee such security or indemnity as may be required by them to indemnify and defend and to save each of them harmless and, in every case of destruction, loss or theft, evidence to their satisfaction of the destruction, loss or theft of such Security or Coupon and of the ownership thereof, and in the case of mutilation or defacement shall surrender the Security and related Coupons to the Trustee or such agent.

Upon the issuance of any substitute Security or Coupon, the Issuer or the registrar 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) or its agent connected therewith. In case any Security or Coupon which has matured or is about to mature or has been called for redemption in full shall become mutilated or defaced or be destroyed, lost or stolen, the Issuer may, instead of issuing a substitute Security, pay or authorize the payment of the same or the relevant Coupon (without surrender thereof except in the case of a mutilated or defaced Security or Coupon), if the applicant for such payment shall furnish to the Issuer and to the Trustee and any agent of the Issuer or the Trustee such security or indemnity as any of them may require to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Issuer and the Trustee and any agent of the Issuer or the Trustee evidence to their satisfaction of the destruction, loss or theft of such Security or Coupons and of the ownership thereof.

Every substitute Security or Coupon of any series issued pursuant to the provisions of this Section by virtue of the fact that any such Security or Coupon is destroyed, lost or stolen shall constitute an additional contractual obligation of the Issuer, whether or not the destroyed, lost or stolen Security or Coupon shall be at any time enforceable by anyone and shall be entitled to all the benefits of (but shall be subject to all the limitations of rights set forth in) this Indenture equally and proportionately with any and all other Securities or Coupons of such series duly authenticated and delivered hereunder. All Securities and Coupons shall be held and owned upon the express condition that, to the extent permitted by law, the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, defaced or destroyed, lost or stolen Securities and Coupons and shall preclude any and all other rights or remedies

notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

SECTION 2.10. CANCELLATION OF SECURITIES; DESTRUCTION THEREOF. All Securities and Coupons surrendered for payment, redemption, registration of transfer or exchange, or for credit against any payment in respect of a sinking or analogous fund, if any, if surrendered to the Issuer or any agent of the Issuer or the Trustee or any agent of the Trustee, shall be delivered to the Trustee or its agent for cancellation or, if surrendered to the Trustee, shall be cancelled by it; and no Securities or Coupons shall be issued in lieu thereof except as expressly permitted by any of the provisions of this Indenture. The Trustee or its agent shall dispose of cancelled Securities and Coupons held by it in accordance with its regular procedures. If the Issuer or its agent shall acquire any of the Securities or Coupons, such acquisition shall not operate as a redemption or satisfaction of the indebtedness represented by such Securities or Coupons unless and until the same are delivered to the Trustee or its agent for cancellation.

SECTION 2.11. TEMPORARY SECURITIES. Pending the preparation of definitive Securities for any series, the Issuer may execute and the Trustee shall authenticate and deliver temporary Securities for such series (printed, lithographed, typewritten or otherwise reproduced, in each case in form satisfactory to the Trustee). Temporary Securities of any series shall be issuable as Registered Securities without coupons, or as Unregistered Securities with or without coupons attached thereto, of any authorized denomination, and substantially in the form of the definitive Securities of such series but with such omissions, insertions and variations as may be appropriate for temporary Securities, all as may be determined by the Issuer with the concurrence of the Trustee as evidenced by the execution and authentication thereof. Temporary Securities may contain such references to any provisions of this Indenture as may be appropriate. Every temporary Security shall be executed by the Issuer and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Securities. Without unreasonable delay the Issuer shall execute and shall furnish definitive Securities of such series and thereupon temporary Registered Securities of such series may be surrendered in exchange therefor without charge at each office or agency to be maintained by the Issuer for that purpose pursuant to Section 3.2 and, in the case of Unregistered Securities, at any agency maintained by the Issuer for such purpose as specified pursuant to Section 2.3, and the Trustee shall authenticate and deliver in exchange for such temporary Securities of such series an equal aggregate principal amount of definitive Securities of the same series having authorized denominations and, in the case of Unregistered Securities, having attached thereto any appropriate Coupons. Until so exchanged, the temporary Securities of any series shall be entitled to the same benefits under this Indenture as definitive Securities of such series, unless otherwise established pursuant to Section 2.3. The provisions of this Section are subject to any restrictions or limitations on the issue and delivery of temporary Unregistered Securities of any series that may be established pursuant to Section 2.3 (including any provision that Unregistered Securities of such series initially be issued in the form of a single global Unregistered Security to be delivered to a depository or agency located outside the United States and the procedures pursuant to which definitive or global Unregistered Securities of such series would be issued in exchange for such temporary global Unregistered Security).

SECTION 2.12. CUSIP NUMBERS. The Issuer in issuing the Securities may use "CUSIP" numbers (if then generally in use), and, if so, the Trustee shall use "CUSIP" numbers in notices of redemption as a convenience to Holders; *provided* that any such notice may state that no representation is made as to the correctness of such 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 numbers. The Issuer will promptly notify the Trustee in writing of any change in the "CUSIP" numbers.

**ARTICLE III
COVENANTS OF THE ISSUER**

SECTION 3.1. PAYMENT OF PRINCIPAL AND INTEREST. The Issuer covenants and agrees for the benefit of each series of Securities that it will duly and punctually pay or cause to be paid the principal of, and interest on, if any, each of the Securities of such series (together with any additional amounts payable pursuant to the terms of such Securities) at the place or places, at the respective time or times and in the manner provided in such Securities and in the Coupons, if any, appertaining thereto and in this Indenture. The interest on Securities with Coupons attached (together with any additional amounts payable pursuant to the terms of such Securities) shall be payable only upon presentation and surrender of the several Coupons for such interest installments as are evidenced thereby as they severally mature. If any temporary Unregistered Security provides that interest thereon may be paid while such Security is in temporary form, the interest on any such temporary Unregistered Security (together with any additional amounts payable pursuant to the terms of such Security) shall be paid, as to the installments of interest evidenced by Coupons attached thereto, if any, only upon presentation and surrender thereof, and, as to the other installments of interest, if any, only upon presentation of such Securities for notation thereon of the payment of such interest, in each case subject to any restrictions that may be established pursuant to Section 2.3. The interest, if any, on Registered Securities (together with any additional amounts payable pursuant to the terms of such Securities) shall be payable only to or upon the written order of the Holders thereof and, at the option of the Issuer, may be paid by wire transfer or by mailing checks for such interest payable to or upon the written order of such Holders at their last addresses as they appear on the Securities register of the Issuer.

SECTION 3.2. OFFICES FOR PAYMENTS, ETC. So long as any Registered Securities are authorized for issuance pursuant to this Indenture or are outstanding hereunder, the Issuer will maintain in the Borough of Manhattan, The City of New York, an office or agency (which may be the office of the Trustee) where the Registered Securities of each series may be presented for payment, where the Securities of each series may be presented for exchange as is provided in this Indenture and, if applicable, pursuant to Section 2.3 and where the Registered Securities of each series may be presented for registration of transfer as in this Indenture provided.

The Issuer will maintain in the Borough of Manhattan, The City of New York, an office or agency where notices and demands to or upon the Issuer in respect of the Securities of any series, the Coupons appertaining thereto or this Indenture may be served.

The Issuer will give to the Trustee written notice of the location of each such office or agency and of any change of location thereof. In case the Issuer shall fail to maintain any agency required by this Section to be located in the Borough of Manhattan, The City of New York, or shall fail to give such notice of the location or for any change in the location of any of the above agencies, presentations and demands may be made and notices may be served at the designated office of the Trustee.

The Issuer may from time to time designate one or more additional offices or agencies where the Securities of a series and any Coupons appertaining thereto may be presented for payment, where the Securities of that series may be presented for exchange as provided in this Indenture and pursuant to Section 2.3 and where the Registered Securities of that series may be presented for registration of transfer as in this Indenture provided, and the Issuer may from time to time rescind any such designation, as the Issuer may deem desirable or expedient; *provided*, that no such designation or rescission shall in any manner relieve the Issuer of its obligations to maintain the agencies provided for in this Section. The Issuer shall give to the Trustee prompt written notice of any such designation or rescission thereof.

SECTION 3.3. APPOINTMENT TO FILL A VACANCY IN OFFICE OF TRUSTEE. The Issuer, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 6.9, a Trustee, so that there shall at all times be a Trustee with respect to each series of Securities hereunder.

SECTION 3.4. PAYING AGENTS. Whenever the Issuer shall appoint a paying agent other than the Trustee with respect to the Securities of any series, it will cause such paying agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section,

(a) that it will hold all sums received by it as such agent for the payment of the principal of or interest on the Securities of such series (whether such sums have been paid to it by the Issuer or by any other obligor on the Securities of such series) in trust for the benefit of the Holders of the Securities of such series, or Coupons appertaining thereto, if any, or of the Trustee;

(b) that it will give the Trustee notice of any failure by the Issuer (or by any other obligor on the Securities of such series) to make any payment of the principal of or interest on the Securities of such series when the same shall be due and payable; and

(c) that it will pay any such sums so held in trust by it to the Trustee upon the Trustee's written request at any time during the continuance of the failure referred to in the foregoing clause (b).

The Issuer will, on or prior to each due date of the principal of or interest on the Securities of such series, deposit with the paying agent a sum sufficient to pay such principal or

interest so becoming due, and (unless such paying agent is the Trustee) the Issuer will promptly notify the Trustee of any failure to take such action.

If the Issuer shall act as its own paying agent with respect to the Securities of any series, it will, on or before each due date of the principal of or interest on the Securities of such series, set aside, segregate and hold in trust for the benefit of the Holders of the Securities of such series or the Coupons appertaining thereto a sum sufficient to pay such principal or interest so becoming due. The Issuer will promptly notify the Trustee of any failure to take such action.

Anything in this Section to the contrary notwithstanding, but subject to Section 10.1, the Issuer may at any time, for the purpose of obtaining a satisfaction and discharge with respect to one or more or all series of Securities hereunder, or for any other reason, pay or cause to be paid to the Trustee all sums held in trust for any such series by the Issuer or any paying agent hereunder, as required by this Section, such sums to be held by the Trustee upon the trusts herein contained.

Anything in this Section to the contrary notwithstanding, the agreement to hold sums in trust as provided in this Section is subject to the provisions of Sections 10.3 and 10.4.

SECTION 3.5. COMPLIANCE CERTIFICATES. When any Securities are Outstanding, the Issuer will furnish to the Trustee on or before March 31 in each year a brief certificate (which need not comply with Section 11.5) from the principal executive, financial or accounting officer of the Issuer stating that in the course of the performance by the signer of his or her duties as an officer of the Issuer he or she would normally have knowledge of any default or non-compliance by the Issuer in the performance of any covenants or conditions contained in this Indenture, stating whether or not he or she has knowledge of any such default or non-compliance (without regard to notice requirements or grace periods) and, if so, describing each such default or non-compliance of which the signer has knowledge and the nature thereof.

The Issuer shall deliver to the Trustee, as soon as possible after the Issuer becomes aware of the occurrence of any Event of Default or an event which, with notice or the lapse of time or both, would constitute an Event of Default, an Officer's Certificate setting forth the details of such Event of Default or default and the action which the Issuer proposes to take with respect thereto.

SECTION 3.6. CORPORATE EXISTENCE. Subject to Article IX, the Issuer will do or cause to be done all things necessary to preserve and keep in full force and effect its corporate existence and the rights (charter and statutory), licenses and franchises of the Issuer and its Subsidiaries; *provided*, that the Issuer shall not be required to preserve any such right, license or franchise, if, in the judgment of the Issuer, the preservation thereof is no longer desirable in the conduct of the business of the Issuer and its Subsidiaries taken as a whole and the loss thereof is not disadvantageous in any material respect to the Securityholders.

ARTICLE IV
SECURITYHOLDER LISTS AND REPORTS BY THE
ISSUER AND THE TRUSTEE

SECTION 4.1. ISSUER TO FURNISH TRUSTEE INFORMATION AS TO NAMES AND ADDRESSES OF SECURITYHOLDERS. If and so long as the Trustee shall not be the Security registrar for the Securities of any series, the Issuer and any other obligor on the Securities will furnish or cause to be furnished to the Trustee a list in such form as the Trustee may reasonably require of the names and addresses of the Holders of the Registered Securities of such series pursuant to Section 312 of the Trust Indenture Act:

(a) semi-annually not more than 5 days after each record date for the payment of interest on such Registered Securities, as hereinabove specified, as of such record date and on dates to be determined pursuant to Section 2.3 for non-interest bearing Registered Securities in each year; and

(b) at such other times as the Trustee may reasonably request in writing, within thirty days after receipt by the Issuer of any such request as of a date not more than 15 days prior to the time such information is furnished.

SECTION 4.2. REPORTS BY THE ISSUER. To the extent any Securities are Outstanding, the Issuer covenants to file with the Trustee copies of the annual reports and of the information, documents, and other reports that the Issuer may be required to file with the Commission pursuant to Section 314 of the Trust Indenture Act.

Delivery of such reports, information and documents to the Trustee is for informational purposes only and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Issuer's compliance with any covenants hereunder (as to which the Trustee is entitled to rely exclusively on Officer's Certificates).

SECTION 4.3. REPORTS BY THE TRUSTEE

(a) The Trustee shall transmit to Holders such reports concerning the Trustee and its actions under this Indenture as may be required pursuant to the Trust Indenture Act at the times and in the manner provided pursuant thereto. If required by Section 313(a) of the Trust Indenture Act, the Trustee shall, within sixty days after each May 15 following the date of the initial issuance of Securities under this Indenture deliver to Holders a brief report, dated as of such May 15, which complies with the provisions of such Section 313(a).

(b) A copy of each such report shall, at the time of such transmission to Holders, be filed by the Trustee with each stock exchange, if any, upon which the Securities are listed, with the Commission and with the Issuer. The Issuer will promptly notify the Trustee in writing when the Securities are listed on any stock exchange and of any delisting thereof.

ARTICLE V
REMEDIES OF THE TRUSTEE AND SECURITYHOLDERS ON EVENT OF
DEFAULT

SECTION 5.1. EVENT OF DEFAULT DEFINED; ACCELERATION OF MATURITY; WAIVER OF DEFAULT. “Event of Default” with respect to Securities of any series, wherever used herein, means any one of the following events which shall have occurred and be continuing (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 installment of interest upon any of the Securities of such series as and when the same shall become due and payable, and continuance of such default for a period of 30 days; *provided* that, a valid extension of an interest payment period by the Issuer in accordance with the terms of such Securities shall not constitute a failure to pay interest; or

(b) default in the payment of all or any part of the principal or premium (if any) on any of the Securities of such series as and when the same shall become due and payable either at maturity, upon any redemption, by declaration or otherwise; or

(c) default in the payment of any sinking fund installment as and when the same shall become due and payable by the terms of the Securities of such series; or

(d) failure on the part of the Issuer duly to observe or perform any other of the covenants or agreements on the part of the Issuer in the Securities of such series or contained in this Indenture (other than a covenant or agreement included in this Indenture solely for the benefit of a series of Securities other than such series) for a period of 90 days after the date on which written notice specifying such failure, stating that such notice is a “Notice of Default” hereunder and demanding that the Issuer remedy the same, shall have been given by registered or certified mail, return receipt requested, to the Issuer by the Trustee, or to the Issuer and the Trustee by the holders of at least 25% in aggregate principal amount of the Outstanding Securities of the series to which such covenant or agreement relates; or

(e) a court having jurisdiction in the premises shall enter a decree or order for relief in respect of the Issuer in an involuntary case under any applicable bankruptcy, insolvency or other similar law now or hereafter in effect, or appointing a receiver, liquidator, assignee, custodian, trustee, sequestrator (or similar official) of the Issuer for any substantial part of its property or ordering the winding up or liquidation of its affairs, and such decree or order shall remain unstayed and in effect for a period of 60 consecutive days; or

(f) the Issuer shall commence a voluntary case under any applicable bankruptcy, insolvency or other similar law now or hereafter in effect, or consent to the entry of an order for relief in an involuntary case under any such law, or consent to the appointment or taking possession by a receiver, liquidator, assignee, custodian, trustee, sequestrator (or similar

official) of the Issuer or for any substantial part of its or their property, or make any general assignment for the benefit of creditors; or

(g) any other Event of Default provided in the supplemental indenture or Board Resolution under which such series of Securities is issued or in the form of Security for such series.

If an Event of Default described in clause (a), (b), (c), (d) or (g) occurs and is continuing, then, and in each and every such case, except for any series of Securities the principal of which shall have already become due and payable, either the Trustee or the Holders of not less than 25% in aggregate principal amount of the Securities of each such affected series then Outstanding hereunder (each such series voting as a separate class) by notice in writing to the Issuer (and to the Trustee if given by Securityholders), may declare the entire principal (or, if the Securities of such series are Original Issue Discount Securities, such portion of the principal amount as may be specified in the terms of such series) of all Securities of such series, and the interest accrued thereon, if any, to be due and payable immediately, and upon any such declaration, the same shall become immediately due and payable.

If an Event of Default described in clause (e) or (f) above occurs and is continuing, then the principal amount of all the Securities then Outstanding, and the interest accrued thereon, if any, shall become and be immediately due and payable without any declaration or other act on the part of the Trustee or any Holder.

The foregoing provisions are subject to the condition that if, at any time after the principal (or, if the Securities are Original Issue Discount Securities, such portion of the principal as may be specified in the terms thereof) of the Securities of any series (or of all the Securities, as the case may be) shall have been so declared due and payable, and before any judgment or decree for the payment of the moneys due shall have been obtained or entered as hereinafter provided,

(A) the Issuer shall pay or shall deposit with the Trustee a sum sufficient to pay

(i) all matured installments of interest upon all the Securities of such series (or all the Securities, as the case may be); and

(ii) the principal of any and all Securities of such series (or of all the Securities, as the case may be) which shall have become due otherwise than by acceleration; and

(iii) interest upon such principal and, to the extent that payment of such interest is enforceable under applicable law, on overdue installments of interest, at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in the Securities of such series (or at the respective rates of interest or Yields to Maturity of all the Securities, as the case may be) to the date of such payment or deposit; and

(iv) all amounts payable to the Trustee pursuant to Section 6.6; and

(B) all Events of Default under the Indenture, other than the non-payment of the principal of Securities which shall have become due by acceleration, shall have been cured, waived or otherwise remedies as provided herein,

then and in every such case the Holders of a majority in aggregate principal amount of all the Securities of such series voting as a separate class then Outstanding, by written notice to the Issuer and to the Trustee, may waive all defaults with respect to such series and rescind and annul such declaration and its consequences, but no such waiver or rescission and annulment shall extend to or shall affect any subsequent default or shall impair any right consequent thereon.

For all purposes under this Indenture, if a portion of the principal of any Original Issue Discount Securities shall have been accelerated and declared due and payable pursuant to the provisions hereof, then, from and after such declaration, unless such declaration has been rescinded and annulled, the principal amount of such Original Issue Discount Securities shall be deemed, for all purposes hereunder, to be such portion of the principal thereof as shall be due and payable as a result of such acceleration, and payment of such portion of the principal thereof as shall be due and payable as a result of such acceleration, together with interest, if any, thereon and all other amounts owing thereunder, shall constitute payment in full of such Original Issue Discount Securities.

SECTION 5.2. COLLECTION OF INDEBTEDNESS BY TRUSTEE; TRUSTEE MAY PROVE DEBT. The Issuer covenants that (a) in case default shall be made in the payment of any installment of interest on any of the Securities of any series when such interest shall have become due and payable, and such default shall have continued for a period of 30 days, or (b) in case default shall be made in the payment of all or any part of the principal of any of the Securities of any series when the same shall have become due and payable, whether upon maturity of the Securities of such series or upon any redemption or by declaration or otherwise, then upon demand of the Trustee, the Issuer will pay to the Trustee for the benefit of the Holders of the Securities of such series the whole amount that then shall have become due and payable on all Securities of such series, and such Coupons, for principal and interest, as the case may be (with interest to the date of such payment upon the overdue principal and, to the extent that payment of such interest is enforceable under applicable law, on overdue installments of interest at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in the Securities of such series); and in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and such other amount due the Trustee under Section 6.6 in respect of Securities of such series.

Until such demand is made by the Trustee, the Issuer may pay the principal of and interest on the Securities of any series to the registered Holders, whether or not the Securities of such series be overdue.

In case the Issuer shall fail forthwith to pay such amounts upon such demand, the Trustee, in its own name as trustee of an express trust, shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid, and may prosecute any such action or proceedings to judgment or final decree, and may enforce any such judgment or final decree against the Issuer or other obligor upon the Securities and collect in the manner provided by law out of the property of the Issuer or other obligor upon the Securities, wherever situated, all the moneys adjudged or decreed to be payable.

In case there shall be pending proceedings relative to the Issuer or any other obligor upon the Securities under Title 11 of the United States Code or any other applicable Federal or state bankruptcy, insolvency or other similar law, or in case a receiver, assignee or trustee in bankruptcy or reorganization, liquidator, sequestrator or similar official shall have been appointed for or taken possession of the Issuer or its property or such other obligor, or in case of any other comparable judicial proceedings relative to the Issuer or other obligor upon the Securities, or to the creditors or property of the Issuer or such other obligor, 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 pursuant to the provisions of this Section, shall be entitled and empowered, by intervention in such proceedings or otherwise:

(a) to file and prove a claim or claims for the whole amount of principal and interest (or, if the Securities of any series are Original Issue Discount Securities, such portion of the principal amount as may be specified in the terms of such series) owing and unpaid in respect of the Securities of any series, 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 amounts payable to the Trustee under Section 6.6) and of the Securityholders allowed in any judicial proceedings relative to the Issuer or other obligor upon the Securities, or to the creditors or property of the Issuer or such other obligor; and

(b) unless prohibited by applicable law and regulations, to vote on behalf of the holders of the Securities of any series in any election of a receiver, assignee, trustee or a standby trustee in arrangement, reorganization, liquidation or other bankruptcy or insolvency proceedings, custodian or other person performing similar functions in respect of any such proceedings; and

(c) to collect and receive any moneys or other property payable or deliverable on any such claims, and to distribute all amounts received with respect to the claims of the Securityholders and of the Trustee on their behalf; and any trustee, receiver, or liquidator, custodian or other similar official performing similar functions in respect of any such proceedings is hereby authorized by each of the Securityholders to make payments to the Trustee, and, in the event that the Trustee shall consent to the making of payments directly to the Securityholders, to pay to the Trustee its costs and expenses of collection and all other amounts due to it pursuant to Section 6.6.

Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or vote for or accept or adopt on behalf of any Securityholder any plan of reorganization,

arrangement, adjustment or composition affecting the Securities of any series or the rights of any Holder thereof, or to authorize the Trustee to vote in respect of the claim of any Securityholder in any such proceeding, except as aforesaid in clause (b).

All rights of action and of asserting claims under this Indenture, or under any of the Securities of any series or Coupons appertaining to such Securities, may be enforced by the Trustee without the possession of any of the Securities of such series or Coupons appertaining to such Securities or the production thereof in any trial or other proceedings relative thereto, and any such action or proceedings instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall be awarded to the Trustee for ratable distribution to the Holders of the Securities or Coupons appertaining to such Securities in respect of which such action was taken, after payment of all sums due to the Trustee under Section 6.6 in respect of such Securities.

In any proceedings brought by the Trustee (and also any proceedings involving the interpretation of any provision of this Indenture to which the Trustee shall be a party) the Trustee shall be held to represent all the Holders of the Securities or Coupons appertaining to such Securities in respect to which such action was taken, and it shall not be necessary to make any Holders of such Securities or Coupons appertaining to such Securities parties to any such proceedings.

SECTION 5.3. APPLICATION OF PROCEEDS. Any moneys collected by the Trustee pursuant to this Article in respect of any series shall be applied in the following order at the date or dates fixed by the Trustee and, in case of the distribution of such moneys on account of principal or interest, upon presentation of the several Securities and Coupons appertaining to such Securities in respect of which moneys have been collected and stamping (or otherwise noting) thereon the payment, or issuing Securities of such series in reduced principal amounts in exchange for the presented Securities of like series if only partially paid, or upon surrender thereof if fully paid:

FIRST: To the payment of costs and expenses applicable to such series of Securities in respect of which moneys have been collected, including all amounts due to the Trustee and each predecessor Trustee pursuant to Section 6.6 in respect to such series of Securities;

SECOND: In case the principal of the Securities of such series in respect of which moneys have been collected shall not have become and be then due and payable, to the payment of interest on the Securities of such series in default in the order of the maturity of the installments on such interest, with interest (to the extent that such interest has been collected by the Trustee and is permitted by applicable law) upon the overdue installments of interest at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in such Securities, such payments to be made ratably to the persons entitled thereto, without discrimination or preference;

THIRD: In case the principal of the Securities of such series in respect of which moneys have been collected shall have become and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon all the Securities of such series for principal and

interest, with interest upon the overdue principal, and (to the extent that such interest has been collected by the Trustee and is permitted by applicable law) upon the overdue installments of interest at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in the Securities of such series; and in case such moneys shall be insufficient to pay in full the whole amount so due and unpaid upon the Securities of such series, then to the payment of such principal and interest or Yield to Maturity, without preference or priority of principal over interest or Yield to Maturity, or of interest or Yield to Maturity over principal, or of any installment of interest over any other installment of interest or of any Security of such series over any other Security of such series, ratably to the aggregate of such principal and accrued and unpaid interest or Yield to Maturity; and

FOURTH: To the payment of the remainder, if any, to the Issuer or to such party as a court of competent jurisdiction shall direct.

SECTION 5.4. SUITS FOR ENFORCEMENT. In case an Event of Default has occurred, has not been waived and is continuing, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in this Indenture or in aid of the exercise of any power granted in this Indenture or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law.

SECTION 5.5. RESTORATION OF RIGHTS ON ABANDONMENT OF PROCEEDINGS. In case the Trustee shall have proceeded to enforce any right under this Indenture and such proceedings shall have been discontinued or abandoned for any reason, or shall have been determined adversely to the Trustee, then and in every such case the Issuer and the Trustee shall be restored respectively to their former positions and rights hereunder, and all rights, remedies and powers of the Issuer, the Trustee and the Securityholders shall continue as though no such proceedings had been taken.

SECTION 5.6. LIMITATIONS ON SUITS BY SECURITY HOLDERS. No Holder of any Security of any series or of any Coupon appertaining thereto shall have any right by virtue or by availing of any provision of this Indenture to institute any action or proceeding at law or in equity or in bankruptcy or otherwise upon or under or with respect to this Indenture or such Security, or for the appointment of a trustee, receiver, liquidator, custodian or other similar official or for any other remedy hereunder or thereunder, unless (a) such Holder previously shall have given to a Responsible Officer of the Trustee written notice of an Event of Default with respect to Securities of such series and of the continuance thereof, as hereinbefore provided, and (b) the Holders of not less than 25% in aggregate principal amount of the Securities of such affected series then Outstanding (treated as a single class) shall have made written request upon the Trustee to institute such action or proceedings in its own name as Trustee hereunder and shall have offered to the Trustee security or indemnity reasonably satisfactory to it against the costs, expenses and liabilities to be incurred therein or thereby, and (c) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity shall have failed to institute any such action or proceeding, and (d) no direction inconsistent with such written request shall have been

given to the Trustee pursuant to Section 5.9; it being understood and intended, and being expressly covenanted by the taker and Holder of every Security or Coupon with every other taker and Holder and the Trustee, that no one or more Holders of Securities of any series or Coupons appertaining to such Securities shall have any right in any manner whatever by virtue or by availing of any provision of this Indenture or any Security to affect, disturb or prejudice the rights of any other such taker or Holder of Securities or Coupons appertaining to such Securities, or to obtain or seek to obtain priority over or preference to any other such taker or Holder (it being understood that the Trustee does not have an affirmative duty to ascertain whether or not such actions or forbearances are unduly prejudicial to such Holders) or to enforce any right under this Indenture or any Security, except in the manner herein provided and for the equal, ratable and common benefit of all Holders of Securities of the applicable series and Coupons appertaining to such Securities. For the protection and enforcement of the provisions of this Section, each and every Securityholder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

SECTION 5.7. UNCONDITIONAL RIGHT OF SECURITYHOLDERS TO INSTITUTE CERTAIN SUITS. Notwithstanding any other provision in this Indenture and any provision of any Security, the right of any Holder of any Security or Coupon to receive payment of the principal of and interest on such Security or Coupon on or after the respective due dates expressed in such Security or Coupon or the applicable redemption dates provided for in such Security, or to institute suit for the enforcement of any such payment on or after such respective dates, shall not be impaired or affected without the consent of such Holder.

SECTION 5.8. POWERS AND REMEDIES CUMULATIVE; DELAY OR OMISSION NOT WAIVER OF DEFAULT. Except as provided in Section 5.6, no right or remedy herein conferred upon or reserved to the Trustee or to the Holders of Securities or Coupons 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.

No delay or omission of the Trustee or of any Holder of Securities or Coupons to exercise any right or power accruing upon any Event of Default occurring and continuing as aforesaid shall impair any such right or power or shall be construed to be a waiver of any such Event of Default or an acquiescence therein. Every power and remedy given by this Indenture, any Security or law to the Trustee or to the Holders of Securities or Coupons may be exercised from time to time, and as often as shall be deemed expedient, by the Trustee or, subject to Section 5.6, by the Holders of Securities or Coupons.

SECTION 5.9. CONTROL BY HOLDERS OF SECURITIES. The Holders of a majority in aggregate principal amount of the Securities of each series affected (with each such series voting as a separate class) at the time Outstanding 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 by this Indenture; *provided*, that such direction shall not be otherwise than in accordance

with law and the provisions of this Indenture; and *provided, further*, that (subject to the provisions of Section 6.1) the Trustee shall have the right to decline to follow any such direction if (a) the Trustee, being advised by counsel, shall determine that the action or proceeding so directed may not lawfully be taken; or (b) if the Trustee by its trust committee of directors or Responsible Officers of the Trustee shall determine in good faith that the action or proceedings so directed would involve the Trustee in personal liability; or (c) if the Trustee in good faith shall so determine that the actions or forbearances specified in or pursuant to such direction would be unduly prejudicial to the interests of Holders of the Securities of all affected series not joining in the giving of said direction, it being understood that (subject to Section 6.1) the Trustee shall have no duty to ascertain whether or not such actions or forbearances are unduly prejudicial to such Holders.

Nothing in this Indenture shall impair the right of the Trustee in its discretion to take any action deemed proper by the Trustee and which is not inconsistent with such direction or directions by Securityholders.

SECTION 5.10. WAIVER OF PAST DEFAULTS. Prior to the declaration of acceleration of the maturity of the Securities of any series as provided in Section 5.1, the Holders of a majority in aggregate principal amount of the Securities of such series at the time Outstanding (voting as a single class) may on behalf of the Holders of all such Securities waive any past default or Event of Default described in Section 5.1 and its consequences, except a default in respect of a covenant or provision hereof which cannot be modified or amended without the consent of the Holder of each Security affected. In the case of any such waiver, the Issuer, the Trustee and the Holders of all such Securities shall be restored to their former positions and rights hereunder, respectively, and 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 5.11. TRUSTEE TO GIVE NOTICE OF DEFAULT, BUT MAY WITHHOLD IN CERTAIN CIRCUMSTANCES. The Trustee shall, within 90 days after the occurrence of a default with respect to the Securities of any series, give notice of all defaults with respect to that series known to the Trustee (i) if any Unregistered Securities of that series are then Outstanding, to the Holders thereof, by publication at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York and (ii) to all Holders of Securities of such series in the manner and to the extent provided in Section 313(c) of the Trust Indenture Act, unless in each case such defaults shall have been cured before the mailing or publication of such notice (the term "default" for the purpose of this Section being hereby defined to mean any event or condition which is, or with notice or lapse of time or both would become, an Event of Default); *provided*, that, except in the case of default in the payment of the principal of or interest on any of the Securities of such series, or in the payment of any installment on 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 or trustees and/or Responsible Officers of the Trustee in good faith determines that the withholding of such notice is in the interests of the Securityholders of such series.

SECTION 5.12. RIGHT OF COURT TO REQUIRE FILING OF UNDERTAKING TO PAY COSTS. All parties to this Indenture agree, and each Holder of any Security or Coupon 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 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 and expenses, 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 shall not apply to any suit instituted by the Trustee, to any suit instituted by any Securityholder or group of Securityholders of any series holding in the aggregate more than 10% in aggregate principal amount of the Securities of such series, or to any suit instituted by any Securityholder for the enforcement of the payment of the principal of or interest on any Security on or after the due date expressed in such Security or any date fixed for redemption.

**ARTICLE VI
CONCERNING THE TRUSTEE**

SECTION 6.1. DUTIES AND RESPONSIBILITIES OF THE TRUSTEE; DURING DEFAULT; PRIOR TO DEFAULT. Prior to the occurrence of an Event of Default with respect to the Securities of a particular series and after the curing or waiving of all Events of Default which may have occurred with respect to such series, the Trustee undertakes to perform such duties and only such duties as are specifically set forth in this Indenture with respect to such series of Securities. In case an Event of Default with respect to the Securities of a series has occurred and has not been cured or waived, the Trustee shall exercise with respect to such series of Securities such of the rights and powers vested in it by this Indenture with respect to such series of Securities, and use the same degree of care and skill in their exercise, as a prudent person would exercise or use under the circumstances in the conduct of his or her own affairs.

No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligence or its own willful misconduct, except that

(a) prior to the occurrence of an Event of Default with respect to the Securities of any series and after the curing or waiving of all such Events of Default with respect to such series which may have occurred:

(i) the duties and obligations of the Trustee with respect to the Securities of any series shall be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable except for the performance of such duties and obligations as are specifically set forth in this Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on the part of the Trustee, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any statements, certificates or opinions furnished to the

Trustee and conforming to the requirements of this Indenture; but in the case of any such statements, 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 whether or not they conform to the requirements of this Indenture;

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

(c) 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 pursuant to Section 5.9 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.

None of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers, if there shall be reasonable ground for believing that the repayment of such funds or adequate indemnity against such liability is not reasonably assured to it.

The provisions of this Section 6.1 are in furtherance of and subject to Section 315 of the Trust Indenture Act.

SECTION 6.2. CERTAIN RIGHTS OF THE TRUSTEE. In furtherance of and subject to the Trust Indenture Act, and subject to Section 6.1:

(a) the Trustee may conclusively rely and shall be protected in acting or refraining from acting upon any resolution, Officer's Certificate or any other certificate, statement, instrument, opinion, report, notice, request, consent, order, bond, debenture, note, coupon, security 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, direction, order or demand of the Issuer mentioned herein shall be sufficiently evidenced by an Officer's Certificate or Issuer Order (unless other evidence in respect thereof is specifically prescribed herein or in the terms established in respect of any series); and any resolution of the Board of Directors may be evidenced to the Trustee by a copy thereof certified by the secretary or an assistant secretary of the Issuer;

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

(d) the Trustee shall be under no obligation to exercise any of the trusts or powers vested in it by this Indenture at the request, order or direction of any of the Securityholders pursuant to the provisions of this Indenture, unless such Securityholders shall

have offered to the Trustee security or indemnity reasonably satisfactory to it against the costs, expenses and liabilities which might be incurred therein or thereby;

(e) the Trustee shall not be liable for any action taken or omitted by it in good faith and believed by it to be authorized or within the discretion, rights or powers conferred upon it by this Indenture;

(f) prior to the occurrence of an Event of Default hereunder and after the curing or waiving of all Events of Default, 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, consent, order, approval, appraisal, bond, debenture, note, coupon, security, or other paper or document unless (i) requested in writing so to do by the Holders of not less than a majority in aggregate principal amount of the Securities of any series then Outstanding or (ii) otherwise provided in the terms of any series of Securities pursuant to Section 2.3; *provided*, that, if the payment within a reasonable time to the Trustee of the costs, expenses or liabilities likely to be incurred by it in the making of such investigation is, in the opinion of the Trustee, not reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require reasonable security or indemnity satisfactory to it against such expenses or liabilities as a condition to proceeding; the reasonable expenses of every such investigation shall be paid by the Issuer or, if paid by the Trustee or any predecessor trustee, shall be repaid by the Issuer upon demand;

(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 not regularly in its employ and the Trustee shall not be responsible for any misconduct or negligence on the part of any such agent or attorney appointed with due care by it hereunder;

(h) the Trustee shall not be deemed to have notice of any Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact an Event of Default is received by the Trustee at the Corporate Trust Office and such notice references the Securities, the Issuer or this Indenture;

(i) the rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder, and each agent, custodian and other Person employed to act hereunder;

(j) the Trustee may request that the Issuer deliver a 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 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;

(k) in no event shall the Trustee be responsible or liable for special, indirect, punitive or consequential loss or damage of any kind whatsoever (including, but not limited to, loss of profit) irrespective of whether the Trustee has been advised of the likelihood of such loss or damage and regardless of the form of action; and

(l) the Trustee shall not be required to give any bond or surety in respect of the performance of its powers and duties hereunder.

SECTION 6.3. TRUSTEE NOT RESPONSIBLE FOR RECITALS, DISPOSITION OF SECURITIES OR APPLICATION OF PROCEEDS THEREOF. The recitals contained herein and in the Securities, except the Trustee's certificates of authentication, shall be taken as the statements of the Issuer, and the Trustee assumes no responsibility for the correctness of the same. The Trustee makes no representation as to the validity or sufficiency of this Indenture or of the Securities or Coupons. The Trustee shall not be accountable for the use or application by the Issuer of any of the Securities or of the proceeds thereof.

SECTION 6.4. TRUSTEE AND AGENTS MAY HOLD SECURITIES OR COUPONS; COLLECTIONS, ETC. The Trustee or any agent of the Issuer or of the Trustee, in its individual or any other capacity, may become the owner or pledgee of Securities or Coupons with the same rights it would have if it were not the Trustee or such agent and may otherwise deal with the Issuer and receive, collect, hold and retain collections from the Issuer with the same rights it would have if it were not the Trustee or such agent.

SECTION 6.5. MONEYS HELD BY TRUSTEE. Subject to the provisions of Section 10.4 hereof, all moneys received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by mandatory provisions of law. Neither the Trustee nor any agent of the Issuer or the Trustee shall be under any liability for interest on any moneys received by it hereunder.

SECTION 6.6. COMPENSATION AND INDEMNIFICATION OF TRUSTEE AND ITS PRIOR CLAIM. The Issuer covenants and agrees to pay to the Trustee from time to time, and the Trustee shall be entitled to, such compensation as the Issuer and the Trustee shall agree in writing (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust), and the Issuer covenants and agrees to pay or reimburse the Trustee and each predecessor trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by or on behalf of it in accordance with any of the provisions of this Indenture (including the reasonable compensation and the expenses and disbursements of its counsel and of all agents and other persons not regularly in its employ) except any such expense, disbursement or advance as may arise from its negligence or willful misconduct. The Issuer also covenants to indemnify each of the Trustee or any predecessor Trustee and their agents for, and to hold them harmless against, any and all loss, damage, claims, liability or expense, including taxes (other than taxes based upon, measured by or determined by the income of the Trustee), 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 (whether asserted by the Issuer, or any Holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, or in connection with enforcing the provisions of this Section, except to the extent that such loss, damage, claim, liability or expense is due to its own negligence or willful misconduct. 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 are intended to constitute expenses of administration under any applicable bankruptcy, insolvency or other similar law. The obligations of the Issuer under this Section to compensate and indemnify the Trustee and each predecessor trustee and to pay or reimburse the Trustee and each predecessor trustee for expenses, disbursements and advances shall constitute additional indebtedness hereunder and shall survive the satisfaction and discharge of this Indenture and the resignation or removal of the Trustee. Such additional indebtedness shall be a senior claim to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the Holders of particular Securities or Coupons, and the Securities are hereby subordinated to such senior claim.

SECTION 6.7. RIGHT OF TRUSTEE TO RELY ON OFFICER'S CERTIFICATE, ETC. Subject to Sections 6.1 and 6.2, whenever in the administration of the trusts of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of negligence or willful misconduct on the part of the Trustee, be deemed to be conclusively proved and established by an Officer's Certificate delivered to the Trustee, and such certificate, in the absence of negligence or bad faith on the part of the Trustee, shall be full warrant to the Trustee for any action taken, suffered or omitted by it under the provisions of this Indenture upon the faith thereof.

SECTION 6.8. QUALIFICATION OF TRUSTEE: CONFLICTING INTERESTS. The Trustee shall comply with Section 310(b) of the Trust Indenture Act.

SECTION 6.9. PERSONS ELIGIBLE FOR APPOINTMENT AS TRUSTEE. The Trustee for each series of Securities hereunder shall at all times be a corporation or banking association organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, having a combined capital and surplus of at least \$50,000,000, and which is authorized under such laws to exercise corporate trust powers and is subject to supervision or examination by Federal, state or District of Columbia authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid 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. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, the Trustee shall resign immediately in the manner and with the effect specified in Section 6.10.

The provisions of this Section 6.9 are in furtherance of and subject to Section 310(a) of the Trust Indenture Act.

SECTION 6.10. RESIGNATION AND REMOVAL; APPOINTMENT OF SUCCESSOR TRUSTEE. (a) The Trustee, or any trustee or trustees hereafter appointed, may at any time resign with respect to one or more or all series of Securities by giving written notice of resignation to the Issuer and (i) if any Unregistered Securities of a series affected are then Outstanding, by giving notice of such resignation to the Holders thereof, by publication at least

once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, (ii) if any Unregistered Securities of a series affected are then Outstanding, by mailing notice of such resignation to the Holders thereof who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act at such addresses as were so furnished to the Trustee and (iii) by mailing notice of such resignation to the Holders of then Outstanding Registered Securities of each series affected at their addresses as they shall appear on the registry books. Upon receiving such notice of resignation, the Issuer shall promptly appoint a successor trustee or trustees with respect to the applicable series by written instrument in duplicate, executed by authority of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee or trustees. If no successor trustee shall have been so appointed with respect to any series and have accepted appointment within 30 days after the mailing of such notice of resignation, the resigning trustee may petition any court of competent jurisdiction at the expense of the Issuer for the appointment of a successor trustee, or any Securityholder who has been a bona fide Holder of a Security or Securities of the applicable series for at least six months may, subject to the provisions of Section 5.12, on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon, after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any of the following shall occur:

(i) the Trustee shall fail to comply with the provisions of Section 310(b) of the Trust Indenture Act with respect to any series of Securities after written request therefor by the Issuer or by any Securityholder who has been a bona fide Holder of a Security or Securities of such series for at least six months; or

(ii) the Trustee shall cease to be eligible in accordance with the provisions of Section 6.9 and Section 310(a) of the Trust Indenture Act and shall fail to resign after written request therefor by the Issuer or by any Securityholder who has been a bona fide Holder of a Security or Securities of such series for at least six months; or

(iii) the Trustee shall become incapable of acting with respect to any series of Securities, or shall be adjudged bankrupt or insolvent, or a receiver or liquidator 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, the Issuer may remove the Trustee with respect to the applicable series of Securities and appoint a successor trustee for such series by written instrument, in duplicate, executed by order of the Board of Directors of the Issuer, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or, subject to the provisions of Section 315(e) of the Trust Indenture Act, any Securityholder who has been a bona fide Holder of a Security or Securities 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 removal of the Trustee and the appointment of a successor trustee with respect to such series.

Such court may thereupon, after such notice, if any, as it may deem proper and so prescribe, remove the Trustee and appoint a successor trustee.

(c) The Holders of a majority in aggregate principal amount of the Securities of each series at the time outstanding may at any time remove the Trustee with respect to Securities of such series and appoint a successor trustee with respect to the Securities of such series by delivering to the Trustee so removed, to the successor trustee so appointed and to the Issuer the evidence provided for in Section 7.1 of the action in that regard taken by the Securityholders. If no successor Trustee shall have been so appointed with respect to any series and have accepted appointment within 30 days after the mailing of such notice of removal, the Trustee being removed may, at the expense of the Issuer, petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(d) Any resignation or removal of the Trustee with respect to any series and any appointment of a successor trustee with respect to such series pursuant to any of the provisions of this Section 6.10 shall become effective upon acceptance of appointment by the successor trustee as provided in Section 6.11.

SECTION 6.11. ACCEPTANCE OF APPOINTMENT BY SUCCESSOR TRUSTEE. Any successor trustee appointed as provided in Section 6.10 shall execute and deliver to the Issuer and to its predecessor trustee an instrument accepting such appointment hereunder, and thereupon the resignation or removal of the predecessor trustee with respect to all or any applicable series shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all rights, powers, duties and obligations with respect to such series of its predecessor hereunder, with like effect as if originally named as trustee for such series hereunder; but, nevertheless, on the written request of the Issuer or of the successor trustee, upon payment of its charges then unpaid, the trustee ceasing to act shall, subject to Section 10.4, pay over to the successor trustee all moneys at the time held by it hereunder and shall execute and deliver an instrument transferring to such successor trustee all such rights, powers, duties and obligations. Upon request of any such successor trustee, the Issuer shall execute any and all instruments in writing for more fully and certainly vesting in and confirming to such successor trustee all such rights and powers. Any trustee ceasing to act shall, nevertheless, retain a prior claim upon all property or funds held or collected by such trustee to secure any amounts then due it pursuant to the provisions of Section 6.6.

If a successor trustee is appointed with respect to the Securities of one or more (but not all) series, the Issuer, the predecessor trustee and each successor trustee with respect to the Securities of any applicable series shall execute and deliver an indenture supplemental hereto which shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the predecessor trustee with respect to the Securities of any series as to which the predecessor trustee is not retiring shall continue to be vested in the predecessor trustee, and 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 under separate indentures.

No successor trustee with respect to any series of Securities shall accept appointment as provided in this Section 6.11 unless at the time of such acceptance such successor trustee shall be qualified under Section 310(b) of the Trust Indenture Act and eligible under the provisions of Section 6.9.

Upon acceptance of appointment by any successor trustee as provided in this Section 6.11, the Issuer shall give notice thereof (a) if any Unregistered Securities of a series affected are then Outstanding, to the Holders thereof, by publication of such notice at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, (b) if any Unregistered Securities of a series affected are then Outstanding, to the Holders thereof who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act, by mailing such notice to such Holders at such addresses as were so furnished to the Trustee (and the Trustee shall make such information available to the Issuer for such purpose) and (c) to the Holders of Registered Securities of each series affected, by mailing such notice to such Holders at their addresses as they shall appear on the registry books. If the acceptance of appointment is substantially contemporaneous with the resignation, then the notice called for by the preceding sentence may be combined with the notice called for by Section 6.10. If the Issuer fails to give such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be given at the expense of the Issuer.

SECTION 6.12. MERGER, CONVERSION, CONSOLIDATION OR SUCCESSION TO BUSINESS OF TRUSTEE. Any corporation or banking association into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation or banking association resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation or banking association succeeding to all or substantially all of the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, *provided*, that such corporation or banking association shall be qualified under Section 310(b) of the Trust Indenture Act and eligible under the provisions of Section 6.9, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding.

In case at the time such successor to the Trustee shall succeed to the trusts created by this Indenture any of the Securities of any series shall have been authenticated but not delivered, any such successor to the Trustee may adopt the certificate of authentication of any predecessor trustee and deliver such Securities so authenticated; and, in case at that time any of the Securities of any series shall not have been authenticated, any such successor to the Trustee may authenticate such Securities either in the name of any predecessor hereunder or in the name of the successor Trustee; and in all such cases such certificate of authentication shall have the full force which under this Indenture or the Securities of such series it is provided that the certificate of authentication of the Trustee shall have; *provided*, that the right to adopt the certificate of authentication of any predecessor trustee or to authenticate Securities of any series in the name

of any predecessor trustee shall apply only to its successor or successors by merger, conversion or consolidation.

SECTION 6.13. PREFERENTIAL COLLECTION OF CLAIMS AGAINST THE ISSUER. The Trustee shall comply with Section 311 (a) of the Trust Indenture Act, excluding any creditor relationship listed in Section 311(b) of the Trust Indenture Act. A Trustee who has resigned or been removed shall be subject to Section 311(a) of the Trust Indenture Act to the extent indicated.

SECTION 6.14. APPOINTMENT OF AUTHENTICATING AGENT. As long as any Securities of a series remain Outstanding, the Trustee may, by an instrument in writing, appoint with the approval of the Issuer an authenticating agent (the "Authenticating Agent") which shall be authorized to act on behalf of the Trustee to authenticate Securities, including Securities issued upon exchange, registration of transfer, partial redemption or pursuant to Section 2.9. Securities of each such series authenticated by such Authenticating Agent shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee. Whenever reference is made in this Indenture to the authentication and delivery of Securities of any series by the Trustee or to 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 for such series and a Certificate of Authentication executed on behalf of the Trustee by such Authenticating Agent. Such Authenticating Agent shall at all times be a corporation organized and doing business under the laws of the United States of America or of any State, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least \$45,000,000 (determined as provided in Section 6.9 with respect to the Trustee) and subject to supervision or examination by Federal or state authority.

Any corporation into which any 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 any Authenticating Agent shall be a party, or any corporation succeeding to all or substantially all the corporate agency business of any Authenticating Agent, shall continue to be the Authenticating Agent with respect to all series of Securities for which it served as Authenticating Agent without the execution or filing of any paper or any further act on the part of the Trustee or such Authenticating Agent. Any Authenticating Agent may at any time, and if it shall cease to be eligible shall, resign by giving written notice of resignation to the Trustee and to the Issuer.

Upon receiving such a notice of resignation or upon such a termination, or in case at any time any Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section 6.14 with respect to one or more series of Securities, the Trustee shall upon receipt of an Issuer Order appoint a successor Authenticating Agent, and the Issuer shall provide notice of such appointment to all Holders of Securities of such series in the manner and to the extent provided in Section 11.4. Any successor Authenticating Agent upon acceptance of its appointment hereunder shall become vested with all rights, powers, duties and responsibilities of its predecessor hereunder, with like effect as if originally named as Authenticating Agent. The Issuer agrees to pay to the Authenticating Agent for such series from time to time reasonable

compensation. The Authenticating Agent for the Securities of any series shall have no responsibility or liability for any action taken by it as such at the direction of the Trustee, nor shall the Trustee have any responsibility or liability for any action taken by the Authenticating Agent.

Sections 6.2, 6.3, 6.4, 6.6 and 7.3 shall be applicable to any Authenticating Agent.

ARTICLE VII
CONCERNING THE SECURITYHOLDERS

SECTION 7.1. EVIDENCE OF ACTION TAKEN BY SECURITYHOLDERS. Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by a specified percentage in principal amount of the Securityholders of any or all series may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such specified percentage of Securityholders 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. Proof of execution of any instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and (subject to Sections 6.1 and 6.2) conclusive in favor of the Trustee and the Issuer, if made in the manner provided in this Article.

SECTION 7.2. PROOF OF EXECUTION OF INSTRUMENTS AND OF HOLDING OF SECURITIES. Subject to Sections 6.1 and 6.2, the execution of any instrument by a Securityholder or his agent or proxy may be proved in accordance with such reasonable rules and regulations as may be prescribed by the Trustee or in such manner as shall be satisfactory to the Trustee. The holding of Registered Securities shall be proved by the Security register or by a certificate of the registrar thereof.

SECTION 7.3. HOLDERS TO BE TREATED AS OWNERS. The Issuer, the Trustee and any agent of the Issuer or the Trustee may deem and treat the person in whose name any Security shall be registered upon the Security register for such series as the absolute owner of such Security (whether or not such Security shall be overdue and notwithstanding any notation of ownership or other writing thereon) for the purpose of receiving payment of or on account of the principal of and, subject to the provisions of this Indenture, interest on such Security and for all other purposes; and neither the Issuer nor the Trustee nor any agent of the Issuer or the Trustee shall be affected by any notice to the contrary. The Issuer, the Trustee and any agent of the Issuer or the Trustee may treat the Holder of any Unregistered Security and the Holder of any Coupon as the absolute owner of such Unregistered Security or Coupon (whether or not such Unregistered Security or Coupon shall be overdue) for the purpose of receiving payment thereof or on account thereof and for all other purposes, and neither the Issuer, the Trustee, nor any agent of the Issuer or the Trustee shall be affected by any notice to the contrary. All such payments so made to any such person, or upon his order, shall be valid, and, to the extent of the sum or sums so paid, effectual to satisfy and discharge the liability for moneys payable upon any such Unregistered Security or Coupon.

SECTION 7.4. SECURITIES OWNED BY ISSUER DEEMED NOT OUTSTANDING. In determining whether the Holders of the requisite aggregate principal amount of Outstanding Securities of any or all series have concurred in any request, demand, authorization, direction, notice, consent, waiver or other action by Securityholders under this Indenture, Securities which are owned by the Issuer or any other obligor on the Securities with respect to which such determination is being made or by any person directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer or any other obligor on the Securities with respect to which such determination is being made shall be disregarded and deemed not to be Outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such action only Securities which a Responsible Officer of the Trustee actually knows are so owned shall be so disregarded. Securities so owned 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 so to act with respect to such Securities and that the pledgee is not the Issuer or any other obligor upon the Securities or any person directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer or any other obligor on the Securities. In case of a dispute as to such right, the advice of counsel shall be full protection in respect of any decision made by the Trustee in accordance with such advice. Upon request of the Trustee, the Issuer shall furnish to the Trustee promptly an Officer's Certificate listing and identifying all Securities, if any, known by the Issuer to be owned or held by or for the account of any of the above-described persons; and, subject to Sections 6.1 and 6.2, the Trustee shall be entitled to accept such Officer's Certificate as conclusive evidence of the facts therein set forth and of the fact that all Securities not listed therein are Outstanding for the purpose of any such determination.

SECTION 7.5. RIGHT OF REVOCATION OF ACTION TAKEN. At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 7.1, of the taking of any action by the Holders of the percentage in aggregate principal amount of the Securities of any or all series, as the case may be, specified in this Indenture in connection with such action, any Holder of a Security the serial number of which is shown by the evidence to be included among the serial numbers of the Securities the Holders of which have consented to such action may, by filing written notice at the Corporate Trust Office and upon proof of holding as provided in this Article, revoke such action so far as concerns such Security. Except as aforesaid, any such action taken by the Holder of any Security shall be conclusive and binding upon such Holder and upon all future Holders and owners of such Security and of any Securities issued in exchange or substitution therefor or on registration of transfer thereof, irrespective of whether or not any notation in regard thereto is made upon any such Security. Any action taken by the Holders of the percentage in aggregate principal amount of the Securities of any or all series, as the case may be, specified in this Indenture in connection with such action shall be conclusively binding upon the Issuer, the Trustee and the Holders of all the Securities affected by such action.

**ARTICLE VIII
SUPPLEMENTAL INDENTURES**

SECTION 8.1. SUPPLEMENTAL INDENTURES WITHOUT CONSENT OF

SECURITYHOLDERS. The Issuer, when authorized by a Board Resolution (which resolution may provide general terms or parameters for such action and may provide that the specific terms of such action may be determined in accordance with or pursuant to an Issuer Order), and the Trustee may from time to time and at any time, without consent of any Securityholders, enter into an indenture or indentures supplemental hereto for one or more of the following purposes:

(a) to convey, transfer, assign, mortgage or pledge to the Trustee as security for the Securities of one or more series any property or assets;

(b) to evidence the succession of another corporation to the Issuer, or successive successions, and the assumption by the successor corporation of the covenants, agreements and obligations of the Issuer pursuant to Article IX;

(c) to add to the covenants of the Issuer such further covenants, restrictions, conditions or provisions as the Issuer and the Trustee shall consider to be for the protection or benefit of the Holders of Securities or Coupons, 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;

(d) to cure any ambiguity or to correct or supplement any provision contained herein or in any supplemental indenture which may be defective or inconsistent with any other provision contained herein or in any supplemental indenture, or to make any other provisions as the Issuer may deem necessary or desirable, *provided*, that no such action shall adversely affect the interests of the Holders of the Securities or Coupons in any material respect;

(e) to establish the forms or terms of Securities of any series or of the Coupons appertaining to such Securities as permitted by Sections 2.1 and 2.3;

(f) 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;

(g) to comply with SEC requirements to effect or maintain the qualification of this Indenture under the Trust Indenture Act;

(h) to evidence and provide for the acceptance and appointment under this Indenture of a successor Trustee pursuant to the requirements hereof;

(i) to add one or more guarantees under this Indenture or release a guarantee pursuant to the provisions hereof; and

(j) to change or eliminate any of the provisions of this Indenture, or to add any new provision to this Indenture, in respect of one or more series of Securities; *provided, however*, that any such change, elimination or addition shall not apply to any Security Outstanding on the date of such indenture supplemental hereto.

The Trustee is hereby authorized to join with the Issuer in the execution of any such supplemental indenture, to make any further appropriate agreements and stipulations which may be therein contained and to accept the conveyance, transfer, assignment, mortgage or pledge of any property thereunder, but the Trustee 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.

Any supplemental indenture authorized by the provisions of this Section may be executed without the consent of the Holders of any of the Securities at the time outstanding, notwithstanding any of the provisions of Section 8.2.

SECTION 8.2. SUPPLEMENTAL INDENTURES WITH CONSENT OF SECURITYHOLDERS.

(A) Except as set forth in paragraph (B) below, with the consent (evidenced as provided in Article VII) of the Holders of not less than a majority in aggregate principal amount of the Securities at the time Outstanding of any series of Securities affected by such supplemental indenture, the Issuer, when authorized by a Board Resolution (which resolution may provide general terms or parameters for such action and may provide that the specific terms of such action may be determined in accordance with or pursuant to an Issuer Order), and the Trustee may, from time to time and at any time, enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as in force and effect at the date of execution thereof) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Securities of each such series or of the Coupons appertaining to such Securities.

(B) No such supplemental indenture shall (i) extend the final maturity of any Security, or reduce the principal amount thereof, or premium thereon, if any, or reduce the rate or extend the time of payment of interest thereon, or reduce any amount payable on redemption thereof, or make the principal thereof (including any amount in respect of original issue discount), or premium thereon, if any, or interest thereon payable in any coin or currency other than that provided in the Securities and Coupons or in accordance with the terms thereof, or reduce the amount of the principal of an Original Issue Discount Security that would be due and payable upon an acceleration of the maturity thereof pursuant to Section 5.1 or the amount thereof provable in bankruptcy pursuant to Section 5.2, or impair or affect the right of any Securityholder to institute suit for the payment thereof when due or, if the Securities provide therefor, any right of repayment at the option of the Securityholder, in each case without the

consent of the Holder of each Security so affected, or (ii) reduce the aforesaid percentage of Securities of any series, the consent of the Holders of which is required for any such supplemental indenture, without the consent of the Holders of each Security so affected.

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

Upon the request of the Issuer, accompanied by a copy of a resolution of the Board of Directors (which resolution may provide general terms or parameters for such action and may provide that the specific terms of such action may be determined in accordance with or pursuant to an Issuer Order) certified by the secretary or an assistant secretary of the Issuer authorizing the execution of any such supplemental indenture, and upon the filing with the Trustee of evidence of the consent of the Holders of the Securities as aforesaid and other documents, if any, required by Section 7.1, the Trustee shall join with the Issuer in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but shall not be obligated to, enter into such supplemental indenture.

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

Promptly after the execution by the Issuer and the Trustee of any supplemental indenture pursuant to the provisions of this Section, the Trustee shall give notice thereof (i) to the Holders of then Outstanding Registered Securities of each series affected thereby, by mailing a notice thereof by first-class mail to such Holders at their addresses as they shall appear on the Security register, (ii) if any Unregistered Securities of a series affected thereby are then Outstanding, to the Holders thereof who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act, by mailing a notice thereof by first-class mail to such Holders at such addresses as were so furnished to the Trustee and (iii) if any Unregistered Securities of a series affected thereby are then Outstanding, to all Holders thereof, by publication of a notice thereof at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, and in each case such notice shall set forth in general terms the substance of such supplemental indenture. Any failure of the Issuer to give such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture.

SECTION 8.3. EFFECT OF SUPPLEMENTAL INDENTURE. Upon the execution of any supplemental indenture pursuant to the provisions hereof, this Indenture shall be and be deemed to be modified and amended in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Issuer and the Holders of Securities of each series affected thereby shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and

amendments, and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

SECTION 8.4. DOCUMENTS TO BE GIVEN TO TRUSTEE. The Trustee, subject to the provisions of Sections 6.1 and 6.2, shall receive an Officer's Certificate and an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant to this Article VIII complies with the applicable provisions of this Indenture.

SECTION 8.5. NOTATION ON SECURITIES IN RESPECT OF SUPPLEMENTAL INDENTURES. Securities of any series authenticated and delivered after the execution of any supplemental indenture pursuant to the provisions of this Article may bear a notation in form approved by the Trustee for such series as to any matter provided for by such supplemental indenture or as to any action taken by Securityholders. If the Issuer or the Trustee shall so determine, new Securities of any series so modified as to conform, in the opinion of the Trustee and the Board of Directors, to any modification of this Indenture contained in any such supplemental indenture may be prepared by the Issuer, authenticated by the Trustee and delivered in exchange for the Securities of such series then Outstanding.

**ARTICLE IX
CONSOLIDATION, MERGER, SALE OR CONVEYANCE**

SECTION 9.1. ISSUER MAY CONSOLIDATE, ETC., ONLY ON CERTAIN TERMS. The Issuer shall not consolidate with or merge into any other Person or transfer or lease its properties and assets substantially as an entirety to any Person, and the Issuer shall not permit any other Person to consolidate with or merge into the Issuer, unless:

(a) either the Issuer shall be the continuing corporation, or the successor (if other than the Issuer) formed by such consolidation or into which the Issuer is merged or to which the properties and assets of the Issuer substantially as an entirety are transferred or leased shall be a corporation, limited liability company, partnership or other entity organized and existing under the laws of the United States of America, any State thereof or the District of Columbia and shall expressly assume, by an indenture supplemental hereto, executed and delivered to the Trustee, in form satisfactory to the Trustee, all the obligations of the Issuer under the Securities and this Indenture; and

(b) immediately after giving effect to such transaction and treating any indebtedness which becomes an obligation of the Issuer or a Subsidiary as a result of such transaction as having been incurred by the Issuer or such Subsidiary at the time of 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 happened and be continuing.

SECTION 9.2. SUCCESSOR SUBSTITUTED. The successor formed by such consolidation or into which the Issuer is merged or to which such transfer or lease is made shall succeed to and be substituted for, and may exercise every right and power of, the Issuer under this Indenture with the same effect as if such successor had been named as the Issuer herein, and thereafter (except in the case of a lease to another Person) the predecessor corporation shall be relieved of all obligations and covenants under the Indenture and the Securities and, in the event

of such conveyance or transfer, any such predecessor corporation may be dissolved and liquidated.

SECTION 9.3. OPINION OF COUNSEL TO BE GIVEN TO TRUSTEE. The Trustee, subject to the provisions of Sections 6.1 and 6.2, shall receive an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale or conveyance, and any such assumption, complies with the provisions of this Article IX.

ARTICLE X

SATISFACTION AND DISCHARGE OF INDENTURE; UNCLAIMED MONEYS

SECTION 10.1. SATISFACTION AND DISCHARGE OF INDENTURE

(A) If at any time (i) the Issuer shall have paid or caused to be paid the principal of and interest on all the Securities of any series Outstanding hereunder and all unmatured Coupons appertaining thereto (other than Securities of such series and Coupons appertaining thereto which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 2.9) as and when the same shall have become due and payable, or (ii) the Issuer shall have delivered to the Trustee for cancellation all Securities of any series theretofore authenticated and all unmatured Coupons appertaining thereto (other than any Securities of such series and Coupons appertaining thereto which shall have been destroyed, lost or stolen and which shall have been replaced or paid as provided in Section 2.9) or (iii) in the case of any series of Securities where the exact amount (including the currency of payment) of principal of and interest due on which can be determined at the time of making the deposit referred to in clause (b) below, (a) all the Securities of such series and all unmatured Coupons appertaining thereto not theretofore delivered to the Trustee for cancellation shall have become due and payable, or are by their terms to become due and payable 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, and (b) the Issuer shall have irrevocably deposited or caused to be deposited with the Trustee as trust funds in trust the entire amount in (i) cash (other than moneys repaid by the Trustee or any paying agent to the Issuer in accordance with Section 10.4), (ii) in the case of any series of Securities the payments on which may only be made in Dollars, direct obligations of the United States of America, backed by its full faith and credit ("U.S. Government Obligations"), maturing as to principal and interest at such times and in such amounts as will insure the availability of cash sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay at such maturity or upon such redemption, as the case may be, or (iii) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay (x) the principal and interest on all Securities of such series and Coupons appertaining thereto on each date that such principal or interest is due and payable and (y) any mandatory sinking fund payments on the dates on which such payments are due and payable in accordance with the terms of the Indenture and the Securities of such series; and if, in any such case, the Issuer shall also pay or cause to be paid all other sums payable

hereunder by the Issuer, then this Indenture shall cease to be of further effect (except as to (i) rights of registration of transfer and exchange of Securities of such Series and of Coupons appertaining thereto pursuant to Section 2.8 and the Issuer's right of optional redemption, if any, (ii) substitution of mutilated, defaced, destroyed, lost or stolen Securities or Coupons, (iii) rights of holders of Securities and Coupons appertaining thereto to receive payments of principal thereof and interest thereon, upon the original stated due dates therefor (but not upon acceleration), and remaining rights of the Holders to receive mandatory sinking fund payments, if any, (iv) any optional redemption rights of such series of Securities to the extent to be exercised to make such call for redemption within one year, (v) the rights, obligations, duties and immunities of the Trustee hereunder, including those under Section 6.6, (vi) the rights of the Holders of Securities of such series and Coupons appertaining thereto as beneficiaries hereof with respect to the property so deposited with the Trustee payable to all or any of them, and (vii) the obligations of the Issuer under Section 3.2) and the Trustee, on demand of the Issuer accompanied by an Officer's Certificate and an Opinion of Counsel and at the cost and expense of the Issuer, shall execute proper instruments acknowledging such satisfaction of and discharging this Indenture; *provided*, that the rights of Holders of the Securities and Coupons to receive amounts in respect of principal of and interest on the Securities and Coupons held by them shall not be delayed longer than required by then-applicable mandatory rules or policies of any securities exchange upon which the Securities are listed. The Issuer agrees to reimburse the Trustee for any costs or expenses thereafter reasonably and properly incurred and to compensate the Trustee for any services thereafter reasonably and properly rendered by the Trustee in connection with this Indenture or the Securities of such series.

(B) The following provisions shall apply to the Securities of each series unless specifically otherwise provided in a Board Resolution, Officer's Certificate or indenture supplemental hereto provided pursuant to Section 2.3. In addition to discharge of the Indenture pursuant to the next preceding paragraph, in the case of any series of Securities the exact amounts (including the currency of payment) of principal of and interest due on which can be determined at the time of making the deposit referred to in clause (a) below, the Issuer shall be deemed to have paid and discharged the entire indebtedness on all the Securities of such a series and the Coupons appertaining thereto on the date of the deposit referred to in subparagraph (a) below, and the provisions of this Indenture with respect to the Securities of such series and Coupons appertaining thereto shall no longer be in effect (except as to (i) rights of registration of transfer and exchange of Securities of such series and of Coupons appertaining thereto pursuant to Section 2.8 and the Issuer's right of optional redemption, if any, (ii) substitution of mutilated, defaced, destroyed, lost or stolen Securities or Coupons, (iii) rights of Holders of Securities and Coupons appertaining thereto to receive payments of principal thereof and interest thereon, upon the original stated due dates therefor (but not upon acceleration), and remaining rights of the Holders to receive mandatory sinking fund payments, if any, (iv) any optional redemption rights of such series of Securities to the extent to be exercised to make such call for redemption within one year, (v) the rights, obligations, duties and immunities of the Trustee hereunder, (vi) the rights of the Holders of Securities of such series and Coupons appertaining thereto as beneficiaries hereof with respect to the property so deposited with the Trustee payable to all or any of them and (vii) the obligations of the Issuer under Section 3.2) and the Trustee, at the expense of the Issuer, shall at the Issuer's request, execute proper instruments acknowledging the same, if

(a) with reference to this provision the Issuer has irrevocably deposited or caused to be irrevocably deposited with the Trustee as trust funds in trust, specifically pledged as security for, and dedicated solely to, the benefit of the Holders of the Securities of such series and Coupons appertaining thereto (i) cash in an amount, or (ii) in the case of any series of Securities the payments on which may only be made in Dollars, U.S. Government Obligations, maturing as to principal and interest at such times and in such amounts as will insure the availability of cash or (iii) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay (A) the principal and interest on all Securities of such series and Coupons appertaining thereto on each date that such principal or interest is due and payable and (b) any mandatory sinking fund payments on the dates on which such payments are due and payable in accordance with the terms of the Indenture and the Securities of such series;

(b) such deposit will not result in a breach or violation of, or constitute a default under, any agreement or instrument to which the Issuer is a party or by which it is bound;

(c) the Issuer has delivered to the Trustee an Opinion of Counsel based on the fact that (x) the Issuer has received from, or there has been published by, the IRS a ruling or (y) since the date hereof, there has been a change in the applicable United States Federal income tax law, in either case to the effect that, and such opinion shall confirm that, the Holders of the Securities of such series and Coupons appertaining thereto will not recognize income, gain or loss for United States Federal income tax purposes as a result of such deposit, defeasance and discharge and will be subject to United States Federal income tax on the same amount and in the same manner and at the same times, as would have been the case if such deposit, defeasance and discharge had not occurred; and

(d) the Issuer has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent provided for relating to the defeasance contemplated by this provision have been complied with.

(C) The Issuer shall be released from its obligations under Sections 3.1, 3.5, 3.6, 3.7 and 9.1 and unless otherwise provided for in the Board Resolution, Officer's Certificate or Indenture supplemental hereto establishing such series of Securities, from all covenants and other obligations referred to in Section 2.3(18) or 2.3(20) with respect to such series of Securities, and any Coupons appertaining thereto, outstanding on and after the date the conditions set forth below are satisfied (hereinafter, "covenant defeasance"). For this purpose, such covenant defeasance means that, with respect to the Outstanding Securities of any series, the Issuer may omit to comply with and shall have no liability in respect of any term, condition or limitation set forth in such Section, whether directly or indirectly by reason of any reference elsewhere herein to such Section or by reason of any reference in such Section to any other provision herein or in any other document and such omission to comply shall not constitute an Event of Default under Section 5.1, but the remainder of this Indenture and such Securities and Coupons shall be unaffected thereby. The following shall be the conditions to application of this subsection C of this Section 10.1:

(a) The Issuer has irrevocably deposited or caused to be deposited with the Trustee as trust funds in trust for the purpose of making the following payments, specifically pledged as security for, and dedicated solely to, the benefit of the holders of the Securities of such series and coupons appertaining thereto, (i) cash in an amount, or (ii) in the case of any series of Securities the payments on which may only be made in Dollars, U.S. Government Obligations maturing as to principal and interest at such times and in such amounts as will insure the availability of cash or (iii) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay (A) the principal and interest on all Securities of such series and Coupons appertaining thereof and (B) any mandatory sinking fund payments on the day on which such payments are due and payable in accordance with the terms of the Indenture and the Securities of such series;

(b) No Event of Default or event which with notice or lapse of time or both would become an Event of Default with respect to the Securities shall have occurred and be continuing on the date of such deposit;

(c) Such covenant defeasance shall not cause the Trustee to have a conflicting interest as defined in Section 6.8 and for purposes of the Trust Indenture Act with respect to any securities of the Issuer;

(d) Such covenant defeasance shall not cause any Securities then listed on any registered national securities exchange under the Exchange Act to be delisted;

(e) The Issuer shall have delivered to the Trustee an Officer's Certificate and Opinion of Counsel to the effect that the Holders of the Securities of such series and Coupons appertaining thereto will not recognize income, gain or loss for United States Federal income tax purposes as a result of such covenant defeasance and will be subject to United States 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; and

(f) The Issuer shall have delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent provided for relating to the covenant defeasance contemplated by this provision have been complied with.

SECTION 10.2. APPLICATION BY TRUSTEE OF FUNDS DEPOSITED FOR PAYMENT OF SECURITIES. Subject to Section 10.4, all moneys deposited with the Trustee (or other trustee) pursuant to Section 10.1 shall be held in trust and applied by it to the payment, either directly or through any paying agent (including the Issuer acting as its own paying agent), to the Holders of the particular Securities of such series and of Coupons appertaining thereto for the payment or redemption of which such moneys have been deposited with the Trustee, of all sums due and to become due thereon for principal and interest; but such money need not be segregated from other funds except to the extent required by law.

SECTION 10.3. REPAYMENT OF MONEYS HELD BY PAYING AGENT. In connection with the satisfaction and discharge of this Indenture with respect to Securities of any

series, all moneys then held by any paying agent under the provisions of this Indenture with respect to such series of Securities shall, upon demand of the Issuer, be repaid to it or paid to the Trustee and thereupon such paying agent shall be released from all further liability with respect to such moneys.

SECTION 10.4. RETURN OF MONEYS HELD BY TRUSTEE AND PAYING AGENT UNCLAIMED FOR TWO YEARS. Any moneys deposited with or paid to the Trustee or any paying agent for the payment of the principal of or interest on any Security of any series and of any Coupons attached thereto and not applied but remaining unclaimed for two years after the date upon which such principal or interest shall have become due and payable, shall, upon the written request of the Issuer and unless otherwise required by mandatory provisions of applicable escheat or abandoned or unclaimed property law, be repaid to the Issuer by the Trustee for such series or such paying agent, and the Holder of the Securities of such series and of any Coupons appertaining thereto shall, unless otherwise required by mandatory provisions of applicable escheat or abandoned or unclaimed property laws, thereafter look only to the Issuer for any payment which such Holder may be entitled to collect, and all liability of the Trustee or any paying agent with respect to such moneys shall thereupon cease; *provided*, that the Trustee or such paying agent, before being required to make any such repayment with respect to moneys deposited with it for any payment (a) in respect of Registered Securities of any series, shall at the expense of the Issuer, mail by first-class mail to Holders of such Securities at their addresses as they shall appear on the Security register, and (b) in respect of Unregistered Securities of any series, shall at the expense of the Issuer cause to be published once, in an Authorized Newspaper in the Borough of Manhattan, The City of New York, notice, that such moneys remain and that, after a date specified therein, which shall not be less than thirty days from the date of such mailing or publication, any unclaimed balance of such money then remaining will be repaid to the Issuer.

SECTION 10.5. INDEMNITY FOR U.S. GOVERNMENT OBLIGATIONS. The Issuer shall pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the U.S. Government Obligations deposited pursuant to Section 10.1 or the principal or interest received in respect of such obligations.

ARTICLE XI

MISCELLANEOUS PROVISIONS

SECTION 11.1. INCORPORATORS, STOCKHOLDERS, OFFICERS AND DIRECTORS OF ISSUER EXEMPT FROM INDIVIDUAL LIABILITY. No recourse under or upon any obligation, covenant or agreement contained in this Indenture, or in any Security, or because of any indebtedness evidenced thereby, shall be had against any incorporator, as such, or against any past, present or future stockholder, officer or director, as such, of the Issuer or of any successor, either directly or through the Issuer or any successor, under any rule of law, statute or constitutional provision or by the enforcement of any assessment or by any legal or equitable proceeding or otherwise, all such liability being expressly waived and released by the acceptance of the Securities and the Coupons, if any, appertaining thereto by the Holders thereof and as part of the consideration for the issue of the Securities and the

Coupons appertaining thereto.

SECTION 11.2. PROVISIONS OF INDENTURE FOR THE SOLE BENEFIT OF PARTIES AND HOLDERS OF SECURITIES AND COUPONS. Nothing in this Indenture, in the Securities or in the Coupons appertaining thereto, expressed or implied, shall give or be construed to give to any person, firm or corporation, other than the parties thereto and their successors and the Holders of the Securities or Coupons, if any, any legal or equitable right, remedy or claim under this Indenture or under any covenant or provision herein contained, all such covenants and provisions being for the sole benefit of the parties hereto and their successors and of the Holders of the Securities or Coupons, if any.

SECTION 11.3. SUCCESSORS AND ASSIGNS OF ISSUER BOUND BY INDENTURE. All the covenants, stipulations, promises and agreements in this Indenture contained by or in behalf of the Issuer shall bind its successors and assigns, whether so expressed or not.

SECTION 11.4. NOTICES AND DEMANDS ON ISSUER, TRUSTEE AND HOLDERS OF SECURITIES AND COUPONS. Any notice or demand which by any provision of this Indenture is required or permitted to be given or served by the Trustee or by the Holders of Securities or Coupons, if any, to or on the Issuer shall be in writing (including telecopy) and may be given or served by being deposited postage prepaid, first-class mail (except as otherwise specifically provided herein) addressed (until another address of the Issuer is filed by the Issuer with the Trustee) to CVR Energy, Inc., 2277 Plaza Drive, Suite 500, Sugar Land, Texas, 77479, Attention: Secretary, Telecopy: (913) 981-0002. Any notice, direction, request or demand by the Issuer or any Holder of Securities or Coupons, if any, to or upon the Trustee shall be in writing (including telecopy) and shall be deemed to have been sufficiently given or served by being deposited postage prepaid, first-class mail (except as otherwise specifically provided herein) addressed (until another address of the Trustee is filed by the Trustee with the Issuer) to Wells Fargo Bank, N.A., 45 Broadway, 14th Floor, New York, NY 10006, Attention: Corporate Trust Services, Telecopy: (212) 515-1589.

Where this Indenture provides for notice to Holders of Registered Securities, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class mail, postage prepaid, to each Holder entitled thereto, at his last address as it appears in the Security register.

Where this Indenture provides for notice to holders of Unregistered Securities, such notice shall be sufficiently given (unless otherwise expressly provided herein) by giving notice to such Holders (a) by publication of such notice at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, and (b) by mailing such notice to the Holders of Unregistered Securities who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act at such addresses as were so furnished to the Trustee.

In any case where notice to such 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. 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 or irregularities in regular mail service, it shall be impracticable to mail notice to the Issuer when such notice is required to be given pursuant to any provision of this Indenture, then any manner of giving such notice as shall be reasonably satisfactory to the Trustee shall be deemed to be a sufficient giving of such notice.

SECTION 11.5. OFFICER'S CERTIFICATES AND OPINIONS OF COUNSEL; STATEMENTS TO BE CONTAINED THEREIN. Upon any application or demand by the Issuer to the Trustee to take any action under any of the provisions of this Indenture, the Issuer shall furnish to the Trustee an Officer's Certificate stating that all conditions precedent 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 have been complied with, except that in the case of any such application or demand as to which the furnishing of such documents is specifically required by any provision of this Indenture relating to such particular application or demand, no additional certificate or opinion need be furnished.

Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant provided for in this Indenture shall include (a) a statement that the person making such certificate or opinion has read such covenant or condition, (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 such person, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with and (d) a statement as to whether or not, in the opinion of such person, such condition or covenant has been complied with.

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

Any certificate, statement or opinion of an officer of the Issuer or of counsel may be based, insofar as it relates to accounting matters, upon a certificate or opinion of or representations by an accountant or firm of accountants in the employ of the Issuer, unless such

officer or counsel, as the case may be, knows that the certificate or opinion of or representations with respect to the accounting matters upon which his certificate, statement or opinion may be based as aforesaid are erroneous, or in the exercise of reasonable care should know that the same are erroneous.

Any certificate or opinion of any independent firm of public accountants filed with and directed to the Trustee shall contain a statement that such firm is independent.

SECTION 11.6. PAYMENTS DUE ON SATURDAYS, SUNDAYS AND HOLIDAYS. If the date of maturity of interest on or principal of the Securities of any series or any Coupons appertaining thereto or the date fixed for redemption or repayment of any such Security or Coupon shall not be a Business Day, then payment of interest or principal need not be made on such date, but may be made on the next succeeding Business Day with the same force and effect as if made on the date of maturity or the date fixed for redemption, and no interest shall accrue for the period after such date.

SECTION 11.7. CONFLICT OF ANY PROVISION OF INDENTURE WITH TRUST INDENTURE ACT. If and to the extent that any provision of this Indenture limits, qualifies or conflicts with duties imposed by, or with another provision (an "incorporated provision") included in this Indenture by operation of Sections 310 to 318, inclusive, of the Trust Indenture Act, such imposed duties or incorporated provision shall control.

SECTION 11.8. NEW YORK LAW TO GOVERN; WAIVER OF JURY TRIAL. THIS INDENTURE AND EACH SECURITY AND COUPON SHALL BE DEEMED TO BE A CONTRACT UNDER THE LAWS OF THE STATE OF NEW YORK, AND FOR ALL PURPOSES SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF SUCH STATE, INCLUDING, WITHOUT LIMITATION, SECTIONS 5-1401 AND 5-1402 OF THE NEW YORK GENERAL OBLIGATIONS LAW AND NEW YORK CIVIL PRACTICE LAWS AND RULES 327(b).

EACH OF THE ISSUER AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE NOTES OR THE TRANSACTION CONTEMPLATED HEREBY.

SECTION 11.9. COUNTERPARTS. This Indenture may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same instrument. The exchange of copies of this Indenture and of signature pages by facsimile or PDF transmission shall constitute effective execution and delivery of this Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF shall be deemed to be their original signatures for all purposes.

SECTION 11.10. EFFECT OF HEADINGS. The Article and Section headings herein and the Table of Contents are for convenience only and shall not affect the construction hereof.

SECTION 11.11. SECURITIES IN A FOREIGN CURRENCY. Unless otherwise specified in an Officer's Certificate delivered pursuant to Section 2.3 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 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 11.11, 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 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 or quotations 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 the euro shall be any member state of the European Union that has adopted the euro, 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 11.12. JUDGMENT CURRENCY. The Issuer 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 New York 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 New York Banking Day 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 (whether or not entered in accordance with subsection (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. For purposes of the foregoing, "New York Banking Day" means any day except a Saturday, Sunday or a legal holiday in The City of New York or a day on which banking institutions in The City of New York are authorized or required by law or executive order to close.

SECTION 11.13. FORCE MAJEURE. In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, civil or military disturbances, nuclear or natural catastrophes or acts of God, and interruptions, loss or malfunctions of utilities, communications or computer (software and hardware) services; it being understood that the Trustee shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

ARTICLE XII

REDEMPTION OF SECURITIES AND SINKING FUNDS

SECTION 12.1. APPLICABILITY OF ARTICLE. The provisions of this Article shall be applicable to the Securities of any series which are redeemable before their maturity or to any sinking fund for the retirement of Securities of a series except as otherwise specified as contemplated by Section 2.3 for Securities of such series.

SECTION 12.2. NOTICE OF REDEMPTION; PARTIAL REDEMPTIONS. Notice of redemption to the Holders of Registered Securities of any series to be redeemed as a whole or in part at the option of the Issuer shall be given by mailing notice of such redemption by first class mail, postage prepaid, at least 30 days and not more than 60 days prior to the date fixed for redemption to such Holders of Securities of such series at their last addresses as they shall appear upon the registry books. Notice of redemption to the Holders of Unregistered Securities to be redeemed as a whole or in part, who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act shall be given by mailing notice of such redemption, by first class mail, postage prepaid, at least 30 days and not more than 60 prior to the date fixed for redemption, to such Holders at such addresses as were so furnished to the Trustee (and, in the case of any such notice given by the Issuer, the Trustee shall make such information available to the Issuer for such purpose). Notice of redemption to all other Holders of Unregistered Securities shall be published in an Authorized Newspaper in the Borough of Manhattan, The City of New York, in each case, once in each of three successive calendar weeks, the first publication to be not less than 30 nor more than 60 days prior to the date fixed for redemption. Any notice which is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the Holder receives the notice. Failure to give notice by mail, or any defect in the notice to the Holder of any Security of a series designated for redemption as a whole or in part shall not affect the validity of the proceedings for the redemption of such Security of such series.

The notice of redemption to each such Holder shall identify the Securities to be redeemed (including CUSIP number(s)) and specify the aggregate principal amount of Securities of such

series to be redeemed, the date fixed for redemption, the redemption price, the place or places of payment, that payment will be made upon presentation and surrender of such Securities and, in the case of Securities with Coupons attached thereto, of all Coupons appertaining thereto maturing after the date fixed for redemption, that such redemption is pursuant to the mandatory or optional sinking fund, or both, if such be the case, that interest accrued to the date fixed for redemption will be paid as specified in such notice and that on and after said date interest thereon or on the portions thereof to be redeemed will cease to accrue. In case any Security of a series is to be redeemed in part only, the notice of redemption to Holders of Securities of the series shall state the portion of the principal amount thereof to be redeemed and shall state that on and after the date fixed for redemption, upon surrender of such Security, a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

The notice of redemption of Securities of any series to be redeemed at the option of the Issuer shall be given by the Issuer or, at the Issuer's request, by the Trustee in the name and at the expense of the Issuer.

On or before 11:00 a.m., New York City time, on the redemption date specified in the notice of redemption given as provided in this Section, the Issuer will deposit with the Trustee or with one or more paying agents (or, if the Issuer is acting as its own paying agent, set aside, segregate and hold in trust as provided in Section 3.4) an amount of money sufficient to redeem on the redemption date all the Securities of such series so called for redemption at the appropriate redemption price, together with accrued interest to the date fixed for redemption. The Issuer will deliver to the Trustee at least 20 days prior to the date fixed for redemption, or such shorter period as shall be acceptable to the Trustee, an Officer's Certificate stating the aggregate principal amount of Securities to be redeemed. In case of a redemption at the election of the Issuer prior to the expiration of any restriction on such redemption, the Issuer shall deliver to the Trustee, prior to the giving of any notice of redemption to Holders pursuant to this Section, an Officer's Certificate stating that such restriction has been complied with.

If less than all the Securities of a series are to be redeemed, the Trustee shall select, in such manner as it shall be deemed appropriate and fair, in its sole discretion, Securities of such series to be redeemed in whole or in part. Securities may be redeemed in part in multiples equal to the minimum authorized denomination for Securities of such series or any multiple thereof. The Trustee shall promptly notify the Issuer in writing of the Securities of such series selected for redemption and, in the case of any Securities of such series selected for partial redemption, the principal amount thereof to be redeemed. For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities of any series shall relate, in the case of any Security redeemed or to be redeemed only in part, to the portion of the principal amount of such Security which has been or is to be redeemed.

SECTION 12.3. PAYMENT OF SECURITIES CALLED FOR REDEMPTION. If notice of redemption has been given as above provided, the Securities or portions of Securities specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with interest accrued to the date fixed for redemption, and on and after said date (unless the Issuer shall default in the payment of such Securities at the redemption price, together with interest accrued to said date) interest on the

Securities or portions of Securities so called for redemption shall cease to accrue, and the unmatured Coupons, if any, appertaining thereto shall be void, and, except as provided in Sections 6.5 and 10.4, such Securities shall cease from and after the date fixed for redemption to be entitled to any benefit or security under this Indenture, and the Holders thereof shall have no right in respect of such Securities except the right to receive the redemption price thereof and unpaid interest to the date fixed for redemption. On presentation and surrender of such Securities at a place of payment specified in said notice, together with all Coupons, if any, appertaining thereto maturing after the date fixed for redemption, said Securities or the specified portions thereof shall be paid and redeemed by the Issuer at the applicable redemption price, together with interest accrued thereon to the date fixed for redemption; *provided*, that payment of interest becoming due on or prior to the date fixed for redemption shall be payable in the case of Securities with Coupons attached thereto, to the Holders of the Coupons for such interest upon surrender thereof, and in the case of Registered Securities, to the Holder of such Registered Securities registered as such on the relevant record date, subject to the terms and provisions of Section 2.3 and 2.7 hereof.

If any Security called for redemption shall not be so paid upon surrender thereof for redemption, the principal shall, until paid or duly provided for, bear interest from the date fixed for redemption at the rate of interest or Yield to Maturity (in the case of an Original Issue Discount Security) borne by such Security.

If any Security with Coupons attached thereto is surrendered for redemption and is not accompanied by all appurtenant Coupons maturing after the date fixed for redemption, the surrender of such missing Coupon or Coupons may be waived by the Issuer and the Trustee, if there be furnished to each of them such security or indemnity as they may require to save each of them harmless.

Upon presentation of any Security redeemed in part only, the Issuer shall execute and the Trustee shall authenticate and deliver to or on the order of the Holder thereof, at the expense of the Issuer, a new Security or Securities of such series, of authorized denominations, in principal amount equal to the unredeemed portion of the Security so presented.

SECTION 12.4. EXCLUSION OF CERTAIN SECURITIES FROM ELIGIBILITY FOR SELECTION FOR REDEMPTION. Securities shall be excluded from eligibility for selection for redemption if they are identified by registration and certificate number in an Officer's Certificate delivered to the Trustee at least 40 days prior to the last date on which notice of redemption may be given as being owned of record and beneficially by, and not pledged or hypothecated by, either (a) the Issuer or (b) an entity specifically identified in such written statement as directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer.

SECTION 12.5. MANDATORY AND OPTIONAL SINKING FUNDS. The minimum amount of any sinking fund payment provided for by the terms of the 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 the Securities of any series is herein referred to as an "optional sinking fund payment." The date on which a sinking fund payment is to be

made is herein referred to as the "sinking fund payment date."

In lieu of making all or any part of any mandatory sinking fund payment with respect to any series of Securities in cash, the Issuer may at its option (a) deliver to the Trustee Securities of such series theretofore purchased or otherwise acquired (except upon redemption pursuant to the mandatory sinking fund) by the Issuer or receive credit for Securities of such series (not previously so credited) theretofore purchased or otherwise acquired (except as aforesaid) by the Issuer and delivered to the Trustee for cancellation pursuant to Section 2.10, (b) receive credit for optional sinking fund payments (not previously so credited) made pursuant to this Section, or (c) receive credit for Securities of such series (not previously so credited) redeemed by the Issuer through any optional redemption provision contained in the terms of such series. Securities so delivered or credited shall be received or credited by the Trustee at the sinking fund redemption price specified in such Securities.

On or before the 60th day next preceding each sinking fund payment date for any series, the Issuer will deliver to the Trustee an Officer's Certificate (which need not contain the statements required by Section 11.5) (a) specifying the portion of the mandatory sinking fund payment to be satisfied by payment of cash and the portion to be satisfied by credit of Securities of such series and the basis for such credit, (b) stating that none of the Securities of such series has theretofore been so credited, (c) stating that no defaults in the payment of interest or Events of Default with respect to such series have occurred (which have not been waived or cured) and are continuing and (d) stating whether or not the Issuer intends to exercise its right to make an optional sinking fund payment with respect to such series and, if so, specifying the amount of such optional sinking fund payment which the Issuer intends to pay on or before the next succeeding sinking fund payment date. Any Securities of such series to be credited and required to be delivered to the Trustee in order for the Issuer to be entitled to credit therefor as aforesaid which have not theretofore been delivered to the Trustee shall be delivered for cancellation pursuant to Section 2.10 to the Trustee with such Officer's Certificate (or reasonably promptly thereafter if acceptable to the Trustee). Such Officer's Certificate shall be irrevocable and upon its receipt by the Trustee, the Issuer shall become unconditionally obligated to make all the cash payments or payments therein referred to, if any, on or before the next succeeding sinking fund payment date. Failure of the Issuer, on or before any such 60th day, to deliver such Officer's Certificate and Securities specified in this paragraph, if any, shall not constitute a default but shall constitute, on and as of such date, the irrevocable election of the Issuer (i) that the mandatory sinking fund payment for such series due on the next succeeding sinking fund payment date shall be paid entirely in cash without the option to deliver or credit Securities of such series in respect thereof and (ii) that the Issuer will make no optional sinking fund payment with respect to such series as provided in this Section.

If the sinking fund payment or payments (mandatory or optional or both) to be made in cash on the next succeeding sinking fund payment date plus any unused balance of any preceding sinking fund payments made in cash shall exceed \$50,000 (or the equivalent thereof in any Foreign Currency) or a lesser sum in Dollars (or the equivalent thereof in any Foreign Currency) if the Issuer shall so request with respect to the Securities of any particular series, such cash shall be applied on the next succeeding sinking fund payment date to the redemption of Securities of such series at the sinking fund redemption price together with accrued interest to

the date fixed for redemption. If such amount shall be \$50,000 (or the equivalent thereof in any Foreign Currency) or less and the Issuer makes no such request then it shall be carried over until a sum in excess of \$50,000 (or the equivalent thereof in any Foreign Currency) is available. The Trustee shall select, in the manner provided in Section 12.2, for redemption on such sinking fund payment date a sufficient principal amount of Securities of such series to absorb said cash, as nearly as may be, and shall (if requested in writing by the Issuer) inform the Issuer of the serial numbers of the Securities of such series (or portions thereof) so selected. Securities shall be excluded from eligibility for redemption under this Section if they are identified by registration and certificate number in an Officer's Certificate delivered to the Trustee at least 60 days prior to the sinking fund payment date as being owned of record and beneficially by, and not pledged or hypothecated by, either (a) the Issuer or (b) an entity specifically identified in such Officer's Certificate as directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer. The Trustee, in the name and at the expense of the Issuer (or the Issuer, if it shall so request the Trustee in writing) shall cause notice of redemption of the Securities of such series to be given in substantially the manner provided in Section 12.2 (and with the effect provided in Section 12.3) for the redemption of Securities of such series in part at the option of the Issuer. The amount of any sinking fund payments not so applied or allocated to the redemption of Securities of such series shall be added to the next cash sinking fund payment for such series and, together with such payment, shall be applied in accordance with the provisions of this Section. Any and all sinking fund moneys held on the stated maturity date of the Securities of any particular series (or earlier, if such maturity is accelerated), which are not held for the payment or redemption of particular Securities of such series shall be applied, together with other moneys, if necessary, sufficient for the purpose, to the payment of the principal of, and interest on, the Securities of such series at maturity.

On or before each sinking fund payment date, the Issuer shall pay to the Trustee in cash or shall otherwise provide for the payment of all interest accrued to the date fixed for redemption on Securities to be redeemed on the next following sinking fund payment date.

The Trustee shall not redeem or cause to be redeemed any Securities of a series with sinking fund moneys or give any notice of redemption of Securities for such series by operation of the sinking fund during the continuance of a default in payment of interest on such Securities or of any Event of Default except that, where the giving of notice of redemption of any Securities shall theretofore have been made, the Trustee shall redeem or cause to be redeemed such Securities, *provided* that it shall have received from the Issuer a sum sufficient for such redemption. Except as aforesaid, any moneys in the sinking fund for such series at the time when any such default or Event of Default shall occur, and any moneys thereafter paid into the sinking fund, shall, during the continuance of such default or Event of Default be deemed to have been collected under Article Five and held for the payment of all such Securities. In case such Event of Default shall have been waived as provided in Section 5.10 or the default cured on or before the sixtieth day preceding the sinking fund payment date in any year, such moneys shall thereafter be applied on the next succeeding sinking fund payment date in accordance with this Section to the redemption of such Securities.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed and attested as of the date first written above.

CVR ENERGY, INC.

By: _____
Name:
Title:

WELLS FARGO BANK, N.A., as Trustee

By: _____
Name:
Title:

CVR Energy, Inc.
and
Wells Fargo Bank, N.A., as Trustee
Indenture
Dated as of _____, _____
Subordinated Debt Securities

CROSS REFERENCE SHEET*

Between

Provisions of Trust Indenture Act (as defined herein) and Indenture, dated as of _____, _____, between CVR ENERGY, INC. and WELLS FARGO BANK, N.A., as Trustee:

SECTION OF THE ACT	SECTION OF INDENTURE
310(a)(1) and (2)	6.9
310(a)(3) and (4)	Inapplicable
310(b)	6.8, 6.10(a), (b) and (d)
310(c)	Inapplicable
311(a)	6.13
311(b)	6.13
311(c)	Inapplicable
312(a)	4.1 and 4.2
312(b)	4.2
312(c)	4.2
313(a)	4.3
313(b)(1)	Inapplicable
313(b)(2)	4.3
313(c)	4.3, 5.11, 6.10, 6.11, 8.2 and 12.2
313(d)	4.3
314(a)	3.5 and 4.2
314(b)	Inapplicable
314(c)(1) and (2)	11.5
314(c)(3)	Inapplicable
314(d)	Inapplicable
314(e)	11.5
314(f)	Inapplicable
315(a), (c) and (d)	6.1
315(b)	5.11
315(e)	5.12
316(a)(1)	5.9 and 5.10
316(a)(2)	Not required
316(a) (last sentence)	7.4
316(b)	5.7
317(a)	5.2
317(b)	3.4(a) and (b)
318(a)	11.7

* This Cross Reference Sheet is not part of the Indenture.

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THIS INDENTURE, dated as of _____, _____, by and between CVR ENERGY, INC., a Delaware corporation (the "Issuer"), and WELLS FARGO BANK, N.A., a national banking association, as trustee (the "Trustee"),

WITNESSETH:

WHEREAS, the Issuer has duly authorized the issue from time to time of its debentures, notes or other evidences of subordinated indebtedness to be issued in one or more series (the "Securities") up to such principal amount or amounts as may from time to time be authorized in accordance with the terms of this Indenture;

WHEREAS, the Issuer has duly authorized the execution and delivery of this Indenture to provide, among other things, for the authentication, delivery and administration of the Securities; and

WHEREAS, all things necessary to make this Indenture a valid indenture and agreement according to its terms have been done;

NOW, THEREFORE:

In consideration of the premises and the purchases of the Securities by the holders thereof, the Issuer and the Trustee mutually covenant and agree for the equal and proportionate benefit of the respective holders from time to time of the Securities and of the coupons, if any, appertaining thereto as follows:

ARTICLE I

DEFINITIONS

SECTION 1.1. CERTAIN TERMS DEFINED. The following terms (except as otherwise expressly provided or unless the context otherwise clearly requires) for all purposes of this Indenture and of any indenture supplemental hereto shall have the respective meanings specified in this Section. All other terms used in this Indenture that are defined in the Trust Indenture Act of 1939, as amended (the "Trust Indenture Act"), or the definitions of which in the Securities Act of 1933, as amended (the "Securities Act"), are referred to in the Trust Indenture Act, including terms defined therein by reference to the Securities Act (except as herein otherwise expressly provided or unless the context otherwise requires), shall have the meaning assigned to such terms in the Trust Indenture Act and in the Securities Act as in effect from time to time. All accounting terms used herein and not expressly defined shall have the meanings assigned to such terms in accordance with generally accepted accounting principles, and the term "generally accepted accounting principles" means such accounting principles as are generally accepted at the time of any computation unless a different time shall be specified with respect to such series of Securities as provided for in Section 2.3. 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. The terms defined in this Article have the meanings assigned to them in this Article and include the plural as well as the singular.

“Affiliate” has the same meaning as given to that term in Rule 405 of the Securities Act or any successor provision.

“Authenticating Agent” shall have the meaning set forth in Section 6.14.

“Authorized Newspaper” means a newspaper of general circulation in The City of New York and will be, if practicable, *The Wall Street Journal* (Eastern Edition). If it shall be impractical in the opinion of the Trustee to make any publication of any notice required hereby in an Authorized Newspaper, any publication or other notice in lieu thereof which is made or given with the approval of the Trustee shall constitute a sufficient publication of such notice.

“Board of Directors” means either the Board of Directors of the Issuer or any committee of such Board duly authorized to act on its behalf.

“Board Resolution” means a copy of one or more resolutions, certified by the secretary or an assistant secretary of the Issuer to have been duly adopted or consented to by the Board of Directors and to be in full force and effect, and delivered to the Trustee.

“Business Day” means, with respect to any Security, a day that is not a day on which banking institutions in the city (or in any of the cities, if more than one) in which amounts are payable, as specified in the form of such Security, are authorized or required by any applicable law or regulation to be closed.

“Capital Stock” means, with respect to any corporation, any and all shares, interests, rights to purchase (other than convertible or exchangeable indebtedness that is not itself otherwise capital stock), warrants, options, participations or other equivalents of or interests (however designated) in stock issued by that corporation.

“Commission” 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 and delivery of this Indenture such Commission is not existing and performing the duties now assigned to it under the Trust Indenture Act, then the body performing such duties on such date.

“Corporate Trust Office” means the office of the Trustee at which the corporate trust business of the Trustee shall, at any particular time, be principally administered, which office is, as of the date of this Indenture, located at 45 Broadway, 14th Floor, New York, NY 10006, Attention: Corporate Trust Services.

“Coupon” means any interest coupon appertaining to an Unregistered Security.

“Covenant Defeasance” shall have the meaning set forth in Section 10.1(C).

“Depository” means, with respect to the Securities of any series issuable or issued in the form of one or more Registered Global Securities, the Person designated as Depository by the Issuer pursuant to Section 2.3 until a successor Depository shall have become such pursuant to the applicable provisions of this Indenture, and thereafter “Depository” shall mean or include each Person who is then a Depository hereunder, and if at any time there is more than one such

Person, "Depository" as used with respect to the Securities of any such series shall mean the Depository with respect to the Registered Global Securities of that series.

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

"Equity Interests" means Capital Stock or partnership, participation or membership interests and all warrants, options or other rights to acquire Capital Stock or partnership, participation or membership interests (but excluding any debt security that is convertible into, or exchangeable for, Capital Stock or partnership, participation or membership interests).

"Event of Default" means any event or condition specified as such in Section 5.1.

"Exchange Act" means the Securities Exchange Act of 1934, as amended.

"Fair Value" when used with respect to any Voting Equity Interests of the Issuer means the fair value as determined in good faith by the Board of Directors of the Issuer.

"Foreign Currency" means any coin, currency, currency unit or composite currency, including, without limitation, the euro, issued by the government of one or more countries, other than the United States of America or by any internationally recognized union, confederation or association of such governments.

"Holder," "Holder of Securities," "Securityholder" or any other similar terms mean (a) in the case of any Registered Security, the person in whose name such Security is registered in the security register kept by the Issuer for that purpose in accordance with the terms hereof, and (b) in the case of any Unregistered Security, the bearer of such Security, or any Coupon appertaining thereto, as the case may be.

"Indenture" means this instrument as originally executed and delivered or, if amended or supplemented as herein provided, as so amended or supplemented or both, and shall include the forms and terms of particular series of Securities established as contemplated hereunder, *provided*, that, if at any time more than one Person is acting as Trustee under this instrument, "Indenture" shall mean, with respect to one or more series of Securities for which such person is trustee, this instrument as originally executed and delivered or, if amended or supplemented as herein provided, as so amended or supplemented or both, and shall include the forms and terms of those particular series of Securities for which such Person is Trustee established as contemplated hereunder, exclusive, however, of any provisions or terms which relate solely to other series of Securities for which such person is not Trustee, regardless of when such terms or provisions were adopted.

"IRS" means the Internal Revenue Service of the United States Department of the Treasury, or any successor entity.

"Issuer" means (except as otherwise provided in Article IX) CVR Energy, Inc., a Delaware corporation, and, subject to Article IX, its successors and assigns.

“Issuer Order” means a written statement, request or order of the Issuer signed in its name by the chairman of the Board of Directors, chief executive officer, president, any vice president or the treasurer of the Issuer.

“Judgment Currency” has the meaning set forth in Section 11.12.

“Non-U.S. Person” means any person that is not a “U.S. person” as such term is defined in Rule 902 of the Securities Act.

“Officer’s Certificate” means a certificate signed by the chairman of the Board of Directors, chief executive officer, president or any vice president or the treasurer of the Issuer and delivered to the Trustee. Each such certificate shall comply with Section 314 of the Trust Indenture Act and include the statements provided for in Section 11.5.

“Opinion of Counsel” means an opinion in writing signed by legal counsel who may be an employee of the Issuer or other counsel reasonably satisfactory to the Trustee. Each such opinion shall comply with Section 314 of the Trust Indenture Act and include the statements provided for in Section 11.5.

“Original Issue Date” of any Security (or portion thereof) means the earlier of (a) the date of such Security or (b) the date of any Security (or portion thereof) for which such Security was issued (directly or indirectly) on registration of transfer, exchange or substitution.

“Original Issue Discount Security” means any Security that 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 5.1.

“Outstanding” (except as otherwise provided in Section 7.4), when used with reference to Securities, means, subject to the provisions of Section 7.4, as of any particular time, all Securities authenticated and delivered by the Trustee under this Indenture, except:

(a) Securities theretofore cancelled by the Trustee or delivered to the Trustee for cancellation;

(b) Securities, or portions thereof, for the payment or redemption of which moneys or U.S. Government Obligations (as provided for in Section 10.1) in the necessary amount shall have been deposited in trust with the Trustee or with any paying agent (other than the Issuer) or shall have been set aside, segregated and held in trust by the Issuer for the Holders of such Securities (if the Issuer shall act as its own paying agent), *provided*, that if such Securities, or portions thereof, are to be redeemed prior to the maturity thereof, written notice of such redemption shall have been given as herein provided, or provisions satisfactory to the Trustee shall have been made for giving such written notice; and

(c) Securities which shall have been paid or in substitution for which other Securities shall have been authenticated and delivered pursuant to the terms of Section 2.9 (except with respect to any such Security as to which proof satisfactory to the Trustee is

presented that such Security is held by a person in whose hands such Security is a legal, valid and binding obligation of the Issuer).

In determining whether the Holders of the requisite principal amount of Outstanding Securities of any or all series have given any request, demand, authorization, direction, notice, consent or waiver hereunder, the principal amount of an Original Issue Discount Security that shall be deemed to be Outstanding for such purposes shall be the amount of the principal thereof that would be due and payable as of the date of such determination upon a declaration of acceleration of the maturity thereof pursuant to Section 5.1.

“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, if any, thereon, the stated maturity or maturities thereof and the redemption provisions, if any, with respect thereto, are to be determined by the Issuer or its agents upon the issuance of such Securities.

“Person” means any individual, corporation, business trust, partnership, limited liability company, joint venture, association, joint stock company, trust, unincorporated organization or government or any agency or political subdivision thereof.

“principal” whenever used with reference to the Securities or any Security or any portion thereof, shall be deemed to include “and premium, if any,” *provided, however*, that such inclusion of premium, if any, shall under no circumstances result in the double counting of such premium for the purpose of any calculation required hereunder.

“record date” shall have the meaning set forth in Section 2.7.

“Registered Global Security” means a Security evidencing all or a part of a series of Registered Securities, issued to the Depository for such series in accordance with Section 2.4, and bearing the legend prescribed in Section 2.4 and any other legend required by the Depository for such series.

“Registered Security” means any Security registered on the Security register of the Issuer.

“Required Currency” shall have the meaning set forth in Section 11.12.

“Responsible Officer” when used with respect to the Trustee means any trust officer or assistant trust officer, or any other officer of the Trustee customarily performing functions similar to those performed by the persons who at the time shall be such officers, respectively, or to whom any corporate trust matter is referred because of his or her knowledge of and familiarity with the particular subject and who shall have direct responsibility for the administration of this Indenture.

“Security” or “Securities” (except as otherwise provided in Section 7.4) has the meaning stated in the first recital of this Indenture, or, as the case may be, Securities that have been authenticated and delivered under this Indenture.

“Securities Act” means the Securities Act of 1933, as amended.

“Senior Indebtedness”, when used with respect to the Securities of any series, shall have the meaning established pursuant to Subsection 2.3(9) with respect to the Securities of such series.

“Subordination Provisions”, when used with respect to the Securities of any series, shall have the meaning established pursuant to Subsection 2.3(9) with respect to the Securities of such series.

“Subsidiary,” with respect to any Person, means (i) a corporation a majority of whose Voting Equity Interests is at the time, directly or indirectly, owned by such Person, by such Person and one or more Subsidiaries of such Person or by one or more Subsidiaries of such Person, (ii) any other Person (other than a corporation) in which such Person, one or more Subsidiaries of such Person, or such Person and one or more Subsidiaries of such Person, directly or indirectly, at the date of determination thereof has at least majority ownership interest, or (iii) a partnership in which such Person or a Subsidiary of such Person is, at the time, a general partner.

“Trustee” means the Person identified as “Trustee” in the first paragraph hereof and, subject to the provisions of Article VI, shall also include any successor trustee. “Trustee” shall also 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 the Securities of such series.

“Unregistered Security” means any Security other than a Registered Security.

“U.S. Government Obligations” shall have the meaning set forth in Section 10.1(A).

“Voting Equity Interests” means Equity Interests which at the time are entitled to vote in the election of, as applicable, directors, members or partners generally; *provided*, that, for the purposes hereof, Equity Interests that carry only the right to vote conditionally on the happening of an event shall not be considered Voting Equity Interests whether or not such event shall have happened.

“Yield to Maturity” means the yield to maturity on a series of securities, calculated at the time of issuance of such series, or, if applicable, at the most recent redetermination of interest on such series, and calculated in accordance with accepted financial practice.

ARTICLE II

SECURITIES

SECTION 2.1. FORMS GENERALLY. The Securities of each series and the Coupons, if any, to be attached thereto shall be substantially in such form as shall be established by or pursuant to one or more Board Resolutions (as set forth in a Board Resolution or, to the extent established pursuant to but not

set forth in a Board Resolution, an Officer's Certificate detailing such establishment) 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 imprinted or otherwise reproduced thereon such legend or legends or endorsements as may be required to comply with any law or with any rules or regulations pursuant thereto, or with any rules of any securities exchange or to conform to general usage, all as may be determined by the officers executing such Securities and Coupons, if any, as evidenced by their execution of such Securities and Coupons.

The definitive Securities and Coupons, if any, 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 and Coupons, if any, as evidenced by their execution of such Securities and Coupons, if any.

SECTION 2.2. FORM OF TRUSTEE'S CERTIFICATE OF AUTHENTICATION. The Trustee's certificate of authentication on all Securities shall be in substantially the following form:

"This is one of the Securities referred to in the within-mentioned Indenture.

WELLS FARGO BANK, N.A., as Trustee

By _____
Authorized Signatory"

If at any time there shall be an Authenticating Agent appointed with respect to any series of Securities, then the Trustee's Certificate of Authentication to be borne by the Securities of each such series shall be substantially as follows:

"This is one of the Securities referred to in the within-mentioned Indenture.

as Authenticating Agent

By _____
Authorized Signatory"

SECTION 2.3. 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 one or more Board Resolutions (and to the extent established pursuant to but not set forth in a Board Resolution, in an Officer's Certificate detailing such establishment) or

established in one or more indentures supplemental hereto, prior to the initial issuance of Securities of any series,

- (1) the designation of the Securities of the series, which shall distinguish the Securities of the series from the Securities of all other series, and which may be part of a series of Securities previously issued;
- (2) any limit upon the aggregate principal amount of the Securities of the series that 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 2.8, 2.9, 2.11, 8.5 or 12.3);
- (3) if other than Dollars, the Foreign Currency or Foreign Currencies in which the Securities of the series are denominated;
- (4) the date or dates on which the principal of the Securities of the series is payable or the method of determination thereof;
- (5) the rate or rates at which the Securities of the series shall bear interest, if any, the date or dates from which such interest shall accrue, on which such interest shall be payable, the terms and conditions of any deferral of interest and the additional interest, if any, thereon, the right, if any, of the Issuer to extend the interest payment periods and the duration of the extensions and (in the case of Registered Securities) the date or dates on which a record shall be taken for the determination of Holders to whom interest is payable and/or the method by which such rate or rates or date or dates shall be determined;
- (6) the place or places where and the manner in which, the principal of and any interest on Securities of the series shall be payable, if other than as provided in Section 3.2;
- (7) the right, if any, of the Issuer to redeem Securities, in whole or in part, at its option and the period or periods within which, or the date or dates on which, the price or prices at which and any terms and conditions upon which Securities of the series may be so redeemed, pursuant to any sinking fund or otherwise;
- (8) the obligation, if any, of the Issuer to redeem, purchase or repay Securities of the series pursuant to any mandatory redemption, sinking fund or analogous provisions or at the option of a Holder thereof and the price or prices at which and the period or periods within which or the date or dates on which, and any terms and conditions upon which Securities of the series shall be redeemed, purchased or repaid, in whole or in part, pursuant to such obligation;
- (9) the terms pursuant to which the Securities of such series will be made subordinate in right of payment to Senior Indebtedness and the definition of such Senior Indebtedness with respect to such series; and such Board Resolution, Officer's Certificate or supplemental indenture, as the case may be, establishing the terms of such series shall expressly state which articles, sections or other provisions thereof constitute the "Subordination Provisions" with respect to the Securities of such series;

(10) if other than denominations of \$1,000 and any integral multiple thereof in the case of Registered Securities, or \$1,000 and \$5,000 in the case of Unregistered Securities, the denominations in which Securities of the series shall be issuable;

(11) the percentage of the principal amount at which the Securities will be issued, and, 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 and the terms and conditions of any acceleration;

(12) if other than the coin, currency or currencies in which the Securities of the series are denominated, the coin, currency or currencies in which payment of the principal of or interest on the Securities of such series shall be payable, including composite currencies or currency units;

(13) if the principal of or interest on the Securities of the series are to be payable, at the election of the Issuer or a Holder thereof, in a coin or currency other than that in which the Securities are denominated, the period or periods within which, and the terms and conditions upon which, such election may be made;

(14) if the amount of payments of principal of and interest on the Securities of the series may be determined with reference to an index or formula based on a coin, currency, composite currency or currency unit other than that in which the Securities of the series are denominated, the manner in which such amounts shall be determined;

(15) whether the Securities of the series will be issuable as Registered Securities (and if so, whether such Securities will be issuable as Registered Global Securities) or Unregistered Securities (with or without Coupons), or any combination of the foregoing, any restrictions applicable to the offer, sale or delivery of Unregistered Securities or the payment of interest thereon and, if other than as provided in Section 2.8, the terms upon which Unregistered Securities of any series may be exchanged for Registered Securities of such series and vice versa;

(16) whether and under what circumstances the Issuer 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 Issuer will have the option to redeem the Securities of the series rather than pay such additional amounts;

(17) 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;

(18) any trustees, depositaries, authenticating or paying agents, transfer agents or registrars of any other agents with respect to the Securities of such series;

(19) any deletion from, modification of or addition to the definitions, Events of Default, defeasance provisions, covenants or other provisions with respect to the Securities of such series;

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

(21) if the Securities of the series are to be secured by any assets or properties of the Issuer or any of its Affiliates;

(22) if the Securities are to be guaranteed by any other entities; and

(23) any other terms of the series.

All Securities of any one series and Coupons, if any, appertaining thereto shall be substantially identical, except in the case of Registered Securities as to denomination and except as may otherwise be provided by or pursuant to the Board Resolution or Officer's Certificate referred to above or as set forth in any indenture supplemental hereto. All Securities of any one series need not be issued at the same time and may be issued from time to time without consent of any Holder, consistent with the terms of this Indenture, if so provided by or pursuant to such Board Resolution, such Officer's Certificate or in any indenture supplemental hereto.

SECTION 2.4. AUTHENTICATION AND DELIVERY OF SECURITIES. The Issuer may deliver Securities of any series having attached thereto appropriate Coupons, if any, executed by the Issuer to the Trustee for authentication together with the applicable documents referred to below in this Section 2.4, and the Trustee shall thereupon authenticate and deliver such Securities and Coupons, if any, to or upon the order of the Issuer (contained in the Issuer Order referred to below in this Section) or pursuant to such procedures reasonably acceptable to the Trustee and to such recipients as may be specified from time to time by an Issuer Order. The maturity date, original issue date, interest rate and any other terms of the Securities of such series and Coupons, if any, appertaining thereto shall be determined by or pursuant to such Issuer Order and procedures. If provided for in such procedures, such Issuer Order may authorize authentication and delivery pursuant to oral or electronic instructions from the Issuer or its duly authorized agent or agents, which instructions, if oral, shall be promptly confirmed in writing. In authenticating such Securities and accepting the additional responsibilities under this Indenture in relation to such Securities, the Trustee shall be entitled to receive (in the case of subparagraphs (2), (3) and (4) below only at or before the time of the first request of the Issuer to the Trustee to authenticate Securities of such series) and (subject to Section 6.1) shall be fully protected in conclusively relying upon, the following enumerated documents unless and until such documents have been superseded or revoked:

(1) an Issuer Order requesting such authentication and setting forth delivery instructions if the Securities and Coupons, if any, are not to be delivered to the Issuer, provided that, with respect to Securities of a series subject to a Periodic Offering, (a) such Issuer Order may be delivered by the Issuer to the Trustee prior to the delivery to the Trustee of such Securities for authentication and delivery, (b) the Trustee shall authenticate and deliver

Securities of such series for original issue from time to time, in an aggregate principal amount not exceeding the aggregate principal amount established for such series, pursuant to an Issuer Order or pursuant to procedures acceptable to the Trustee as may be specified from time to time by an Issuer Order, (c) the maturity date or dates, original issue date or dates, interest rate or rates and any other terms of Securities of such series shall be determined by an Issuer Order or pursuant to such procedures and (d) if provided for in such procedures, such Issuer Order may authorize authentication and delivery pursuant to oral or electronic instructions from the Issuer or its duly authorized agent or agents, which instructions, if oral, shall be promptly confirmed in writing;

(2) any Board Resolution, Officer's Certificate and/or executed supplemental indenture referred to in Section 2.1 and 2.3 by or pursuant to which the forms and terms of the Securities and Coupons, if any, were established;

(3) an Officer's Certificate stating that all conditions precedent to the issuance and authorization of the Securities have been complied with; and

(4) At the option of the Issuer, either one or more Opinions of Counsel, or a letter addressed to the Trustee permitting it to rely on one or more Opinions of Counsel, substantially to the effect that:

(a) the form or forms of the Securities and Coupons, if any, have been duly authorized and established in conformity with the provisions of this Indenture;

(b) that the terms of such Securities have been duly authorized and established in conformity with the provisions of this Indenture;

(c) that such Securities, when authenticated and delivered by the Trustee and issued by the Issuer in the manner and subject to any conditions specified in such Opinion of Counsel, will constitute valid and legally binding obligations of the Issuer, enforceable in accordance with their terms, subject to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting the enforcement of creditors' rights and to general equity principles;

(d) that the execution and delivery by the Issuer of such Securities does not conflict with the applicable United States or New York law; and

(e) all conditions precedent to the issuance and authorization of the Securities have been complied with.

Any counsel may state that such opinions are limited to matters arising under the laws of the State of New York and the General Corporation Law of the State of Delaware. Such counsel may rely upon opinions of other counsel (copies of which shall be delivered to the Trustee) reasonably satisfactory to the Trustee, in which case the opinion shall state that such counsel believes he and the Trustee are entitled so to rely. Such counsel may also state that, insofar as such opinion involves factual matters, he has relied, to the extent he deems proper, upon certificates of officers of the Issuer and its subsidiaries and certificates of public officials.

The Trustee shall have the right to decline to authenticate and deliver any Securities under this section if the Trustee, being advised by counsel, determines that such action may not lawfully be taken by the Issuer or if the Trustee in good faith by its board of directors or board of trustees, executive committee or a trust committee of directors or trustees shall determine that such action would expose the Trustee to personal liability to existing Holders or would affect the Trustee's own rights, duties or immunities under the Securities, this Indenture or otherwise.

If the Issuer shall establish pursuant to Section 2.3 that the Securities of a series are to be issued in the form of one or more Registered Global Securities, then the Issuer shall execute and the Trustee shall, in accordance with this Section and the Issuer Order with respect to such series, authenticate and deliver one or more Registered Global Securities that (i) shall represent and shall be denominated in an amount equal to the aggregate principal amount of all of the Securities of such series issued and not yet cancelled, (ii) shall be registered in the name of the Depository for such Registered Global Security or Securities or the nominee of such Depository, (iii) shall be delivered by the Trustee to such Depository or delivered or held pursuant to such Depository's instructions and (iv) shall bear a legend substantially to the following effect: "Unless and until it is exchanged in whole or in part for Securities in definitive registered form, this Security may not be transferred except as a whole by the Depository to the nominee of the Depository or by a nominee of the Depository to the Depository or another nominee of the Depository or by the Depository or any such nominee to a successor Depository or a nominee of such successor Depository."

Each Depository designated pursuant to Section 2.3 must, at the time of its designation and at all times while it serves as Depository, be a clearing agency registered under the Exchange Act and any other applicable statute or regulation.

SECTION 2.5. EXECUTION OF SECURITIES. The Securities and each Coupon appertaining thereto, if any, shall be signed on behalf of the Issuer by the chairman of its Board of Directors or its president, or any executive officer, a vice president or its secretary. Such signatures may be the manual or facsimile signatures of the present or any future such officers. The seal of the Issuer may but need not be included or the Security affixed, imprinted or otherwise reproduced on the Securities. Typographical and other minor errors or defects in any such signature shall not affect the validity or enforceability of any Security that has been duly authenticated and delivered by the Trustee.

In case any officer of the Issuer who shall have signed any of the Securities or Coupons, if any, shall cease to be such officer before the Security or Coupon so signed (or the Security to which the Coupon so signed appertains) shall be authenticated and delivered by the Trustee or disposed of by the Issuer, such Security or Coupon nevertheless may be authenticated and delivered or disposed of as though the person who signed such Security or Coupon had not ceased to be such officer of the Issuer; and any Security or Coupon may be signed on behalf of the Issuer by such persons as, at the actual date of the execution of such Security or Coupon, shall be the proper officers of the Issuer, although at the date of the execution and delivery of this Indenture any such person was not such an officer.

SECTION 2.6. CERTIFICATE OF AUTHENTICATION. Only such Securities as

shall bear thereon a certificate of authentication substantially in the form hereinbefore recited, executed by the Trustee by the manual signature of one of its authorized signatories, shall be entitled to the benefits of this Indenture or be valid or obligatory for any purpose. No Coupon shall be entitled to the benefits of this Indenture or shall be valid and obligatory for any purpose until the certificate of authentication on the Security to which such Coupon appertains shall have been duly executed by the Trustee. The execution of such certificate by the Trustee upon any Security executed by the Issuer shall be conclusive evidence that the Security so authenticated has been duly authenticated and delivered hereunder and that the Holder is entitled to the benefits of this Indenture.

SECTION 2.7. DENOMINATION AND DATE OF SECURITIES; PAYMENT OF INTEREST. The Securities of each series shall be issuable as Registered Securities or Unregistered Securities in denominations established as contemplated by Section 2.3 or, with respect to the Registered Securities of any series, if not so established, in denominations of \$1,000 and any integral multiple thereof. If denominations of Unregistered Securities of any series are not so established, such Securities shall be issuable in denominations of \$1,000 and \$5,000. The Securities of each series shall be numbered, lettered or otherwise distinguished in such manner or in accordance with such plan as the officers of the Issuer executing the same may determine with the approval of the Trustee, as evidenced by the execution and authentication thereof.

Each Registered Security shall be dated the date of its authentication. Each Unregistered Security shall be dated as provided in the Board Resolution referred to in Section 2.3. The Securities of each series shall bear interest, if any, from the date, and such interest shall be payable on the dates, established as contemplated by Section 2.3.

The person in whose name any Registered Security of any series is registered at the close of business on any record date applicable to a particular series with respect to any interest payment date for such series shall be entitled to receive the interest, if any, payable on such interest payment date notwithstanding any transfer or exchange of such Registered Security subsequent to the record date and prior to such interest payment date, except if and to the extent the Issuer shall default in the payment of the interest due on such interest payment date for such series, in which case such defaulted interest shall be paid to the persons in whose names Outstanding Registered Securities for such series are registered at the close of business on a subsequent record date (which shall be not less than five Business Days prior to the date of payment of such defaulted interest) established by notice given by mail by or on behalf of the Issuer to the Holders of Registered Securities not less than 15 days preceding such subsequent record date. The term "record date" as used with respect to any interest payment date (except a date for payment of defaulted interest) for the Securities of any series shall mean the date specified as such in the terms of the Registered Securities of such series established as contemplated by Section 2.3, or, if no such date is so established, if such interest payment date is the first day of a calendar month, the fifteenth day of the preceding calendar month or, if such interest payment date is the fifteenth day of a calendar month, the first day of such calendar month, whether or not such record date is a Business Day.

SECTION 2.8. REGISTRATION, TRANSFER AND EXCHANGE. (a) The Issuer

will keep at each office or agency to be maintained for the purpose as provided in Section 3.2 for each series of Securities a register or registers in which, subject to such reasonable regulations as the Issuer may prescribe, it will provide for the registration of Registered Securities of such series and the registration of transfer of Registered Securities of such series. Such register shall be in written form in the English language or in any other form capable of being converted into such form within a reasonable time. At all reasonable times such register or registers shall be open for inspection by the Trustee.

Upon due presentation for registration of transfer of any Registered Security of any series at any such office or agency to be maintained for the purpose as provided in Section 3.2, the Issuer shall execute and the Trustee shall authenticate and deliver in the name of the transferee or transferees a new Registered Security or Registered Securities of the same series, maturity date, interest rate and original issue date in authorized denominations for a like aggregate principal amount.

Unregistered Securities (except for any temporary global Unregistered Securities) and Coupons (except for Coupons attached to any temporary global Unregistered Securities) shall be transferable by delivery.

At the option of the Holder thereof, Registered Securities of any series (other than a Registered Global Security, except as set forth below) may be exchanged for a Registered Security or Registered Securities of such series having authorized denominations and an equal aggregate principal amount, upon surrender of such Registered Securities to be exchanged at the agency of the Issuer that shall be maintained for such purpose in accordance with Section 3.2 and upon payment, if the Issuer shall so require, of the charges hereinafter provided. If the Securities of any series are issued in both registered and unregistered form, at the option of the Holder thereof, except as otherwise specified pursuant to Section 2.3, Unregistered Securities of any series may be exchanged for Registered Securities of such series having authorized denominations and an equal aggregate principal amount, upon surrender of such Unregistered Securities to be exchanged at the agency of the Issuer that shall be maintained for such purpose in accordance with Section 3.2, with, in the case of Unregistered Securities that have Coupons attached, all unmatured Coupons and all matured Coupons in default thereto appertaining, and upon payment, if the Issuer shall so require, of the charges hereinafter provided. At the option of the Holder thereof, if Unregistered Securities of any series, maturity date, interest rate and original issue date are issued in more than one authorized denomination, except as otherwise specified pursuant to Section 2.3, such Unregistered Securities may be exchanged for Unregistered Securities of such series having authorized denominations and an equal aggregate principal amount, upon surrender of such Unregistered Securities to be exchanged at the agency of the Issuer that shall be maintained for such purpose in accordance with Section 3.2 or as specified pursuant to Section 2.3, with, in the case of Unregistered Securities that have Coupons attached, all unmatured Coupons and all matured Coupons in default thereto appertaining, and upon payment, if the Issuer shall so require, of the charges hereinafter provided. Registered Securities of any series may not be exchanged for Unregistered Securities of such series unless (1) otherwise specified pursuant to Section 2.3 and (2) the Issuer has delivered to the Trustee an Opinion of Counsel that (x) the Issuer has received from the IRS a ruling or (y) since the date hereof, there has been a change in the applicable United States Federal income tax law, in either

case to the effect that the inclusion of terms permitting Registered Securities to be exchanged for Unregistered Securities would result in no United States Federal income tax effect adverse to the Issuer or to any Holder. Whenever any Securities are so surrendered for exchange, the Issuer shall execute, and the Trustee shall authenticate and deliver, the Securities which the Holder making the exchange is entitled to receive. All Securities and Coupons, if any, surrendered upon any exchange or transfer provided for in this Indenture shall be promptly cancelled and disposed of by the Trustee in accordance with its regular procedures, and the Trustee shall deliver a certificate of disposition thereof to the Issuer.

All Registered Securities presented for registration of transfer, exchange, redemption or payment shall (if so required by the Issuer or the Trustee) be duly endorsed, or be accompanied by a written instrument or instruments of transfer in form satisfactory to the Issuer and the Trustee duly executed, by the Holder or his attorney duly authorized in writing.

The Issuer or the registrar may require payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in connection with any exchange or registration of transfer of Securities. No service charge shall be made for any such transaction.

The Issuer shall not be required to exchange or register a transfer of (a) any Securities of any series for a period of 15 days preceding the first mailing of notice of redemption of Securities of such series to be redeemed or (b) any Securities selected, called or being called for redemption, in whole or in part, except, in the case of any Security to be redeemed in part, the portion thereof not so to be redeemed.

Notwithstanding any other provision of this Section 2.8, unless and until it is exchanged in whole or in part for Securities in definitive registered form, a Registered Global Security representing all or a portion of the Securities of a series may not be transferred except as a whole by the Depository for such series to a nominee of such Depository or by a nominee of such Depository to such Depository or another nominee of such Depository or by such Depository or any such nominee to a successor Depository for such series or a nominee of such successor Depository.

If at any time the Depository for any Registered Securities of a series represented by one or more Registered Global Securities notifies the Issuer that it is unwilling or unable to continue as Depository for such Registered Securities or if at any time the Depository for such Registered Securities shall no longer be eligible under Section 2.4, the Issuer shall appoint a successor Depository eligible under Section 2.4 with respect to such Registered Securities. If a successor Depository eligible under Section 2.4 for such Registered Securities is not appointed by the Issuer within 90 days after the Issuer receives such notice or becomes aware of such ineligibility, the Issuer's election pursuant to Section 2.3 that such Registered Securities be represented by one or more Registered Global Securities shall no longer be effective and the Issuer will execute, and the Trustee, upon receipt of an Officer's Certificate for the authentication and delivery of definitive Securities of such series, will authenticate and deliver, Securities 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 Registered Global Security or Securities

representing such Registered Securities in exchange for such Registered Global Security or Securities.

The Issuer may at any time and in its sole discretion determine that the Registered Securities of any series issued in the form of one or more Registered Global Securities shall no longer be represented by a Registered Global Security or Securities. In such event the Issuer will execute, and the Trustee, upon receipt of any Officer's Certificate for the authentication and delivery of definitive Securities of such series, will authenticate and deliver, Securities 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 Registered Global Security or Securities representing such Registered Securities, in exchange for such Registered Global Security or Securities.

If specified by the Issuer pursuant to Section 2.3 with respect to Securities represented by a Registered Global Security, the Depositary for such Registered Global Security may surrender such Registered Global Security in exchange in whole or in part for Securities of the same series in definitive registered form on such terms as are acceptable to the Issuer and such Depositary. Thereupon, the Issuer shall execute, and the Trustee shall authenticate and deliver, without service charge,

(i) to the Person specified by such Depositary a new Registered Security or Securities of the same series, 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 Registered Global Security; and

(ii) to such Depositary a new Registered Global Security in a denomination equal to the difference, if any, between the principal amount of the surrendered Registered Global Security and the aggregate principal amount of Registered Securities authenticated and delivered pursuant to clause (i) above.

Upon the exchange of a Registered Global Security for Securities in definitive registered form without coupons, in authorized denominations, such Registered Global Security shall be cancelled by the Trustee or an agent of the Issuer or the Trustee. Securities in definitive registered form without coupons issued in exchange for a Registered Global Security pursuant to this Section 2.8 shall be registered in such names and in such authorized denominations as the Depositary for such Registered Global Security, pursuant to instructions from its direct or indirect participants or otherwise, shall instruct the Trustee or an agent of the Issuer or the Trustee. The Trustee or such agent shall deliver such Securities to or as directed by the Persons in whose names such Securities are so registered.

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

Notwithstanding anything herein or in the terms of any series of Securities to the contrary, none of the Issuer, the Trustee or any agent of the Issuer or the Trustee (any of which, other than the Issuer, shall conclusively rely on an Officer's Certificate and an Opinion of

Counsel) shall be required to exchange any Unregistered Security for a Registered Security if such exchange would result in United States Federal income tax consequences adverse to the Issuer (such as, for example, the inability of the Issuer to deduct from its income, as computed for United States Federal income tax purposes, the interest payable on the Unregistered Securities) under then applicable United States Federal income tax laws. The Trustee shall have no responsibility for any actions taken or not taken by the Depository.

The Trustee shall have no obligation or duty to monitor, determine or inquire as to compliance with any restrictions on transfer imposed under this Indenture or under applicable law with respect to any transfer of any interest in any Security (including any transfers between or among Depository participants or beneficial owners of interests in any Registered Global Security) other than to require delivery of such certificates and other documentation or evidence as are expressly required by, and to do so if and when expressly required by the terms of, this Indenture, and to examine the same to determine substantial compliance as to form with the express requirements hereof.

SECTION 2.9. MUTILATED, DEFACED, DESTROYED, LOST AND STOLEN SECURITIES. In case any temporary or definitive Security or any Coupon appertaining to any Security shall be mutilated, defaced, destroyed, lost or stolen, the Issuer in its discretion may execute and, upon the written request of any officer of the Issuer, the Trustee shall authenticate and deliver, a new Security of the same series, maturity date, interest rate and original issue date, bearing a number or other distinguishing symbol not contemporaneously outstanding, in exchange and substitution for the mutilated or defaced Security, or in lieu of and in substitution for the Security so destroyed, lost or stolen with Coupons corresponding to the Coupons appertaining to the Securities so mutilated, defaced, destroyed, lost or stolen, or in exchange or substitution for the Security to which such mutilated, defaced, destroyed, lost or stolen Coupon appertained, with Coupons appertaining thereto corresponding to the Coupons so mutilated, defaced, destroyed, lost or stolen. In every case, the applicant for a substitute Security or Coupon shall furnish to the Issuer and to the Trustee and any agent of the Issuer or the Trustee such security or indemnity as may be required by them to indemnify and defend and to save each of them harmless and, in every case of destruction, loss or theft, evidence to their satisfaction of the destruction, loss or theft of such Security or Coupon and of the ownership thereof, and in the case of mutilation or defacement shall surrender the Security and related Coupons to the Trustee or such agent.

Upon the issuance of any substitute Security or Coupon, the Issuer or the registrar 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) or its agent connected therewith. In case any Security or Coupon which has matured or is about to mature or has been called for redemption in full shall become mutilated or defaced or be destroyed, lost or stolen, the Issuer may, instead of issuing a substitute Security, pay or authorize the payment of the same or the relevant Coupon (without surrender thereof except in the case of a mutilated or defaced Security or Coupon), if the applicant for such payment shall furnish to the Issuer and to the Trustee and any agent of the Issuer or the Trustee such security or indemnity as any of them may require to save each of them harmless, and, in every case of destruction, loss or theft, the applicant shall also furnish to the Issuer and the Trustee and any

agent of the Issuer or the Trustee evidence to their satisfaction of the destruction, loss or theft of such Security or Coupons and of the ownership thereof.

Every substitute Security or Coupon of any series issued pursuant to the provisions of this Section by virtue of the fact that any such Security or Coupon is destroyed, lost or stolen shall constitute an additional contractual obligation of the Issuer, whether or not the destroyed, lost or stolen Security or Coupon shall be at any time enforceable by anyone and shall be entitled to all the benefits of (but shall be subject to all the limitations of rights set forth in) this Indenture equally and proportionately with any and all other Securities or Coupons of such series duly authenticated and delivered hereunder. All Securities and Coupons shall be held and owned upon the express condition that, to the extent permitted by law, the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, defaced or destroyed, lost or stolen Securities and Coupons and shall preclude any and all other rights or remedies notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

SECTION 2.10. CANCELLATION OF SECURITIES; DESTRUCTION THEREOF. All Securities and Coupons surrendered for payment, redemption, registration of transfer or exchange, or for credit against any payment in respect of a sinking or analogous fund, if any, if surrendered to the Issuer or any agent of the Issuer or the Trustee or any agent of the Trustee, shall be delivered to the Trustee or its agent for cancellation or, if surrendered to the Trustee, shall be cancelled by it; and no Securities or Coupons shall be issued in lieu thereof except as expressly permitted by any of the provisions of this Indenture. The Trustee or its agent shall dispose of cancelled Securities and Coupons held by it in accordance with its regular procedures. If the Issuer or its agent shall acquire any of the Securities or Coupons, such acquisition shall not operate as a redemption or satisfaction of the indebtedness represented by such Securities or Coupons unless and until the same are delivered to the Trustee or its agent for cancellation.

SECTION 2.11. TEMPORARY SECURITIES. Pending the preparation of definitive Securities for any series, the Issuer may execute and the Trustee shall authenticate and deliver temporary Securities for such series (printed, lithographed, typewritten or otherwise reproduced, in each case in form satisfactory to the Trustee). Temporary Securities of any series shall be issuable as Registered Securities without coupons, or as Unregistered Securities with or without coupons attached thereto, of any authorized denomination, and substantially in the form of the definitive Securities of such series but with such omissions, insertions and variations as may be appropriate for temporary Securities, all as may be determined by the Issuer with the concurrence of the Trustee as evidenced by the execution and authentication thereof. Temporary Securities may contain such references to any provisions of this Indenture as may be appropriate. Every temporary Security shall be executed by the Issuer and be authenticated by the Trustee upon the same conditions and in substantially the same manner, and with like effect, as the definitive Securities. Without unreasonable delay the Issuer shall execute and shall furnish definitive Securities of such series and thereupon temporary Registered Securities of such series may be surrendered in exchange therefor without charge at each office or agency to be maintained by the Issuer for that purpose pursuant to Section 3.2 and, in the case of Unregistered Securities, at any agency maintained by the Issuer for such purpose as specified pursuant to

Section 2.3, and the Trustee shall authenticate and deliver in exchange for such temporary Securities of such series an equal aggregate principal amount of definitive Securities of the same series having authorized denominations and, in the case of Unregistered Securities, having attached thereto any appropriate Coupons. Until so exchanged, the temporary Securities of any series shall be entitled to the same benefits under this Indenture as definitive Securities of such series, unless otherwise established pursuant to Section 2.3. The provisions of this Section are subject to any restrictions or limitations on the issue and delivery of temporary Unregistered Securities of any series that may be established pursuant to Section 2.3 (including any provision that Unregistered Securities of such series initially be issued in the form of a single global Unregistered Security to be delivered to a depository or agency located outside the United States and the procedures pursuant to which definitive or global Unregistered Securities of such series would be issued in exchange for such temporary global Unregistered Security).

SECTION 2.12. CUSIP NUMBERS. The Issuer in issuing the Securities may use “CUSIP” numbers (if then generally in use), and, if so, the Trustee shall use “CUSIP” numbers in notices of redemption as a convenience to Holders; *provided* that any such notice may state that no representation is made as to the correctness of such 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 numbers. The Issuer will promptly notify the Trustee in writing of any change in the “CUSIP” numbers.

ARTICLE III

COVENANTS OF THE ISSUER

SECTION 3.1. PAYMENT OF PRINCIPAL AND INTEREST. The Issuer covenants and agrees for the benefit of each series of Securities that it will duly and punctually pay or cause to be paid the principal of, and interest on, if any, each of the Securities of such series (together with any additional amounts payable pursuant to the terms of such Securities) at the place or places, at the respective time or times and in the manner provided in such Securities and in the Coupons, if any, appertaining thereto and in this Indenture. The interest on Securities with Coupons attached (together with any additional amounts payable pursuant to the terms of such Securities) shall be payable only upon presentation and surrender of the several Coupons for such interest installments as are evidenced thereby as they severally mature. If any temporary Unregistered Security provides that interest thereon may be paid while such Security is in temporary form, the interest on any such temporary Unregistered Security (together with any additional amounts payable pursuant to the terms of such Security) shall be paid, as to the installments of interest evidenced by Coupons attached thereto, if any, only upon presentation and surrender thereof, and, as to the other installments of interest, if any, only upon presentation of such Securities for notation thereon of the payment of such interest, in each case subject to any restrictions that may be established pursuant to Section 2.3. The interest, if any, on Registered Securities (together with any additional amounts payable pursuant to the terms of such Securities) shall be payable only to or upon the written order of the Holders thereof and, at the option of the Issuer, may be paid by wire transfer or by mailing checks for such interest payable to or upon the written order of such Holders at their last addresses as they appear on the

Securities register of the Issuer.

SECTION 3.2. OFFICES FOR PAYMENTS, ETC. So long as any Registered Securities are authorized for issuance pursuant to this Indenture or are outstanding hereunder, the Issuer will maintain in the Borough of Manhattan, The City of New York, an office or agency (which may be the office of the Trustee) where the Registered Securities of each series may be presented for payment, where the Securities of each series may be presented for exchange as is provided in this Indenture and, if applicable, pursuant to Section 2.3 and where the Registered Securities of each series may be presented for registration of transfer as in this Indenture provided.

The Issuer will maintain in the Borough of Manhattan, The City of New York, an office or agency where notices and demands to or upon the Issuer in respect of the Securities of any series, the Coupons appertaining thereto or this Indenture may be served.

The Issuer will give to the Trustee written notice of the location of each such office or agency and of any change of location thereof. In case the Issuer shall fail to maintain any agency required by this Section to be located in the Borough of Manhattan, The City of New York, or shall fail to give such notice of the location or for any change in the location of any of the above agencies, presentations and demands may be made and notices may be served at the designated office of the Trustee.

The Issuer may from time to time designate one or more additional offices or agencies where the Securities of a series and any Coupons appertaining thereto may be presented for payment, where the Securities of that series may be presented for exchange as provided in this Indenture and pursuant to Section 2.3 and where the Registered Securities of that series may be presented for registration of transfer as in this Indenture provided, and the Issuer may from time to time rescind any such designation, as the Issuer may deem desirable or expedient; *provided*, that no such designation or rescission shall in any manner relieve the Issuer of its obligations to maintain the agencies provided for in this Section. The Issuer shall give to the Trustee prompt written notice of any such designation or rescission thereof.

SECTION 3.3. APPOINTMENT TO FILL A VACANCY IN OFFICE OF TRUSTEE. The Issuer, whenever necessary to avoid or fill a vacancy in the office of Trustee, will appoint, in the manner provided in Section 6.9, a Trustee, so that there shall at all times be a Trustee with respect to each series of Securities hereunder.

SECTION 3.4. PAYING AGENTS. Whenever the Issuer shall appoint a paying agent other than the Trustee with respect to the Securities of any series, it will cause such paying agent to execute and deliver to the Trustee an instrument in which such agent shall agree with the Trustee, subject to the provisions of this Section,

(a) that it will hold all sums received by it as such agent for the payment of the principal of or interest on the Securities of such series (whether such sums have been paid to it by the Issuer or by any other obligor on the Securities of such series) in trust for the benefit of the Holders of the Securities of such series, or Coupons appertaining thereto, if any, or of the Trustee;

(b) that it will give the Trustee notice of any failure by the Issuer (or by any other obligor on the Securities of such series) to make any payment of the principal of or interest on the Securities of such series when the same shall be due and payable; and

(c) that it will pay any such sums so held in trust by it to the Trustee upon the Trustee's written request at any time during the continuance of the failure referred to in the foregoing clause (b).

The Issuer will, on or prior to each due date of the principal of or interest on the Securities of such series, deposit with the paying agent a sum sufficient to pay such principal or interest so becoming due, and (unless such paying agent is the Trustee) the Issuer will promptly notify the Trustee of any failure to take such action.

If the Issuer shall act as its own paying agent with respect to the Securities of any series, it will, on or before each due date of the principal of or interest on the Securities of such series, set aside, segregate and hold in trust for the benefit of the Holders of the Securities of such series or the Coupons appertaining thereto a sum sufficient to pay such principal or interest so becoming due. The Issuer will promptly notify the Trustee of any failure to take such action.

Anything in this Section to the contrary notwithstanding, but subject to Section 10.1, the Issuer may at any time, for the purpose of obtaining a satisfaction and discharge with respect to one or more or all series of Securities hereunder, or for any other reason, pay or cause to be paid to the Trustee all sums held in trust for any such series by the Issuer or any paying agent hereunder, as required by this Section, such sums to be held by the Trustee upon the trusts herein contained.

Anything in this Section to the contrary notwithstanding, the agreement to hold sums in trust as provided in this Section is subject to the provisions of Sections 10.3 and 10.4.

SECTION 3.5. COMPLIANCE CERTIFICATES. When any Securities are Outstanding, the Issuer will furnish to the Trustee on or before March 31 in each year a brief certificate (which need not comply with Section 11.5) from the principal executive, financial or accounting officer of the Issuer stating that in the course of the performance by the signer of his or her duties as an officer of the Issuer he or she would normally have knowledge of any default or non-compliance by the Issuer in the performance of any covenants or conditions contained in this Indenture, stating whether or not he or she has knowledge of any such default or non-compliance (without regard to notice requirements or grace periods) and, if so, describing each such default or non-compliance of which the signer has knowledge and the nature thereof.

The Issuer shall deliver to the Trustee, as soon as possible after the Issuer becomes aware of the occurrence of any Event of Default or an event which, with notice or the lapse of time or both, would constitute an Event of Default, an Officer's Certificate setting forth the details of such Event of Default or default and the action which the Issuer proposes to take with respect thereto.

SECTION 3.6. CORPORATE EXISTENCE. Subject to Article IX, the Issuer will do or cause to be done all things necessary to preserve and keep in full force and effect its corporate

existence and the rights (charter and statutory), licenses and franchises of the Issuer and its Subsidiaries; *provided*, that the Issuer shall not be required to preserve any such right, license or franchise, if, in the judgment of the Issuer, the preservation thereof is no longer desirable in the conduct of the business of the Issuer and its Subsidiaries taken as a whole and the loss thereof is not disadvantageous in any material respect to the Securityholders.

ARTICLE IV

SECURITYHOLDER LISTS AND REPORTS BY THE ISSUER AND THE TRUSTEE

SECTION 4.1. ISSUER TO FURNISH TRUSTEE INFORMATION AS TO NAMES AND ADDRESSES OF SECURITYHOLDERS. If and so long as the Trustee shall not be the Security registrar for the Securities of any series, the Issuer and any other obligor on the Securities will furnish or cause to be furnished to the Trustee a list in such form as the Trustee may reasonably require of the names and addresses of the Holders of the Registered Securities of such series pursuant to Section 312 of the Trust Indenture Act:

(a) semi-annually not more than 5 days after each record date for the payment of interest on such Registered Securities, as hereinabove specified, as of such record date and on dates to be determined pursuant to Section 2.3 for non-interest bearing Registered Securities in each year; and

(b) at such other times as the Trustee may reasonably request in writing, within thirty days after receipt by the Issuer of any such request as of a date not more than 15 days prior to the time such information is furnished.

SECTION 4.2. REPORTS BY THE ISSUER. To the extent any Securities are Outstanding, the Issuer covenants to file with the Trustee copies of the annual reports and of the information, documents, and other reports that the Issuer may be required to file with the Commission pursuant to Section 314 of the Trust Indenture Act.

Delivery of such reports, information and documents to the Trustee is for informational purposes only and the Trustee's receipt of such shall not constitute constructive notice of any information contained therein or determinable from information contained therein, including the Issuer's compliance with any covenants hereunder (as to which the Trustee is entitled to rely exclusively on Officer's Certificates).

SECTION 4.3. REPORTS BY THE TRUSTEE

(a) The Trustee shall transmit to Holders such reports concerning the Trustee and its actions under this Indenture as may be required pursuant to the Trust Indenture Act at the times and in the manner provided pursuant thereto. If required by Section 313(a) of the Trust Indenture Act, the Trustee shall, within sixty days after each May 15 following the date of the initial issuance of Securities under this Indenture deliver to Holders a brief report, dated as of such May 15, which complies with the provisions of such Section 313(a).

(b) A copy of each such report shall, at the time of such transmission to Holders, be filed by the Trustee with each stock exchange, if any, upon which the Securities are listed, with the Commission and with the Issuer. The Issuer will promptly notify the Trustee in writing when the Securities are listed on any stock exchange and of any delisting thereof.

ARTICLE V

REMEDIES OF THE TRUSTEE AND SECURITYHOLDERS ON EVENT OF DEFAULT

SECTION 5.1. EVENT OF DEFAULT DEFINED; ACCELERATION OF MATURITY; WAIVER OF DEFAULT. "Event of Default" with respect to Securities of any series, wherever used herein, means any one of the following events which shall have occurred and be continuing (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 installment of interest upon any of the Securities of such series as and when the same shall become due and payable, and continuance of such default for a period of 30 days; *provided that*, a valid extension of an interest payment period by the Issuer in accordance with the terms of such Securities shall not constitute a failure to pay interest; or

(b) default in the payment of all or any part of the principal or premium (if any) on any of the Securities of such series as and when the same shall become due and payable either at maturity, upon any redemption, by declaration or otherwise; or

(c) default in the payment of any sinking fund installment as and when the same shall become due and payable by the terms of the Securities of such series; or

(d) failure on the part of the Issuer duly to observe or perform any other of the covenants or agreements on the part of the Issuer in the Securities of such series or contained in this Indenture (other than a covenant or agreement included in this Indenture solely for the benefit of a series of Securities other than such series) for a period of 90 days after the date on which written notice specifying such failure, stating that such notice is a "Notice of Default" hereunder and demanding that the Issuer remedy the same, shall have been given by registered or certified mail, return receipt requested, to the Issuer by the Trustee, or to the Issuer and the Trustee by the holders of at least 25% in aggregate principal amount of the Outstanding Securities of the series to which such covenant or agreement relates; or

(e) a court having jurisdiction in the premises shall enter a decree or order for relief in respect of the Issuer in an involuntary case under any applicable bankruptcy, insolvency or other similar law now or hereafter in effect, or appointing a receiver, liquidator, assignee, custodian, trustee, sequestrator (or similar official) of the Issuer for any substantial part of its property or ordering the winding up or liquidation of its affairs, and such decree or order shall remain unstayed and in effect for a period of 60 consecutive days; or

(f) the Issuer shall commence a voluntary case under any applicable bankruptcy, insolvency or other similar law now or hereafter in effect, or consent to the entry of an order for relief in an involuntary case under any such law, or consent to the appointment or taking possession by a receiver, liquidator, assignee, custodian, trustee, sequestrator (or similar official) of the Issuer or for any substantial part of its or their property, or make any general assignment for the benefit of creditors; or

(g) any other Event of Default provided in the supplemental indenture or Board Resolution under which such series of Securities is issued or in the form of Security for such series.

If an Event of Default described in clause (a), (b), (c), (d) or (g) occurs and is continuing, then, and in each and every such case, except for any series of Securities the principal of which shall have already become due and payable, either the Trustee or the Holders of not less than 25% in aggregate principal amount of the Securities of each such affected series then Outstanding hereunder (each such series voting as a separate class) by notice in writing to the Issuer (and to the Trustee if given by Securityholders), may declare the entire principal (or, if the Securities of such series are Original Issue Discount Securities, such portion of the principal amount as may be specified in the terms of such series) of all Securities of such series, and the interest accrued thereon, if any, to be due and payable immediately, and upon any such declaration, the same shall become immediately due and payable.

If an Event of Default described in clause (e) or (f) above occurs and is continuing, then the principal amount of all of the Securities then Outstanding, and the interest accrued thereon, if any, shall become and be immediately due and payable without any declaration or other act on the part of the Trustee or any Holder.

The foregoing provisions are subject to the condition that if, at any time after the principal (or, if the Securities are Original Issue Discount Securities, such portion of the principal as may be specified in the terms thereof) of the Securities of any series (or of all the Securities, as the case may be) shall have been so declared due and payable, and before any judgment or decree for the payment of the moneys due shall have been obtained or entered as hereinafter provided,

(A) the Issuer shall pay or shall deposit with the Trustee a sum sufficient to pay

(i) all matured installments of interest upon all the Securities of such series (or all the Securities, as the case may be); and

(ii) the principal of any and all Securities of such series (or of all the Securities, as the case may be) which shall have become due otherwise than by acceleration; and

(iii) interest upon such principal and, to the extent that payment of such interest is enforceable under applicable law, on overdue installments of interest, at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue

Discount Securities) specified in the Securities of such series (or at the respective rates of interest or Yields to Maturity of all the Securities, as the case may be) to the date of such payment or deposit; and

(iv) all amounts payable to the Trustee pursuant to Section 6.6; and

(B) all Events of Default under the Indenture, other than the non-payment of the principal of Securities which shall have become due by acceleration, shall have been cured, waived or otherwise remedies as provided herein,

then and in every such case the Holders of a majority in aggregate principal amount of all the Securities of such series voting as a separate class then Outstanding, by written notice to the Issuer and to the Trustee, may waive all defaults with respect to such series and rescind and annul such declaration and its consequences, but no such waiver or rescission and annulment shall extend to or shall affect any subsequent default or shall impair any right consequent thereon.

For all purposes under this Indenture, if a portion of the principal of any Original Issue Discount Securities shall have been accelerated and declared due and payable pursuant to the provisions hereof, then, from and after such declaration, unless such declaration has been rescinded and annulled, the principal amount of such Original Issue Discount Securities shall be deemed, for all purposes hereunder, to be such portion of the principal thereof as shall be due and payable as a result of such acceleration, and payment of such portion of the principal thereof as shall be due and payable as a result of such acceleration, together with interest, if any, thereon and all other amounts owing thereunder, shall constitute payment in full of such Original Issue Discount Securities.

SECTION 5.2. COLLECTION OF INDEBTEDNESS BY TRUSTEE; TRUSTEE MAY PROVE DEBT. The Issuer covenants that (a) in case default shall be made in the payment of any installment of interest on any of the Securities of any series when such interest shall have become due and payable, and such default shall have continued for a period of 30 days, or (b) in case default shall be made in the payment of all or any part of the principal of any of the Securities of any series when the same shall have become due and payable, whether upon maturity of the Securities of such series or upon any redemption or by declaration or otherwise, then upon demand of the Trustee, the Issuer will pay to the Trustee for the benefit of the Holders of the Securities of such series the whole amount that then shall have become due and payable on all Securities of such series, and such Coupons, for principal and interest, as the case may be (with interest to the date of such payment upon the overdue principal and, to the extent that payment of such interest is enforceable under applicable law, on overdue installments of interest at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in the Securities of such series); and in addition thereto, such further amount as shall be sufficient to cover the costs and expenses of collection, and such other amount due the Trustee under Section 6.6 in respect of Securities of such series.

Until such demand is made by the Trustee, the Issuer may pay the principal of and interest on the Securities of any series to the registered Holders, whether or not the Securities of such series be overdue.

In case the Issuer shall fail forthwith to pay such amounts upon such demand, the Trustee, in its own name as trustee of an express trust, shall be entitled and empowered to institute any action or proceedings at law or in equity for the collection of the sums so due and unpaid, and may prosecute any such action or proceedings to judgment or final decree, and may enforce any such judgment or final decree against the Issuer or other obligor upon the Securities and collect in the manner provided by law out of the property of the Issuer or other obligor upon the Securities, wherever situated, all the moneys adjudged or decreed to be payable.

In case there shall be pending proceedings relative to the Issuer or any other obligor upon the Securities under Title 11 of the United States Code or any other applicable Federal or state bankruptcy, insolvency or other similar law, or in case a receiver, assignee or trustee in bankruptcy or reorganization, liquidator, sequestrator or similar official shall have been appointed for or taken possession of the Issuer or its property or such other obligor, or in case of any other comparable judicial proceedings relative to the Issuer or other obligor upon the Securities, or to the creditors or property of the Issuer or such other obligor, 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 pursuant to the provisions of this Section, shall be entitled and empowered, by intervention in such proceedings or otherwise:

(a) to file and prove a claim or claims for the whole amount of principal and interest (or, if the Securities of any series are Original Issue Discount Securities, such portion of the principal amount as may be specified in the terms of such series) owing and unpaid in respect of the Securities of any series, 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 amounts payable to the Trustee under Section 6.6) and of the Securityholders allowed in any judicial proceedings relative to the Issuer or other obligor upon the Securities, or to the creditors or property of the Issuer or such other obligor; and

(b) unless prohibited by applicable law and regulations, to vote on behalf of the holders of the Securities of any series in any election of a receiver, assignee, trustee or a standby trustee in arrangement, reorganization, liquidation or other bankruptcy or insolvency proceedings, custodian or other person performing similar functions in respect of any such proceedings; and

(c) to collect and receive any moneys or other property payable or deliverable on any such claims, and to distribute all amounts received with respect to the claims of the Securityholders and of the Trustee on their behalf; and any trustee, receiver, or liquidator, custodian or other similar official performing similar functions in respect of any such proceedings is hereby authorized by each of the Securityholders to make payments to the Trustee, and, in the event that the Trustee shall consent to the making of payments directly to the

Securityholders, to pay to the Trustee its costs and expenses of collection and all other amounts due to it pursuant to Section 6.6.

Nothing herein contained shall be deemed to authorize the Trustee to authorize or consent to or vote for or accept or adopt on behalf of any Securityholder any plan of reorganization, arrangement, adjustment or composition affecting the Securities of any series or the rights of any Holder thereof, or to authorize the Trustee to vote in respect of the claim of any Securityholder in any such proceeding, except as aforesaid in clause (b).

All rights of action and of asserting claims under this Indenture, or under any of the Securities of any series or Coupons appertaining to such Securities, may be enforced by the Trustee without the possession of any of the Securities of such series or Coupons appertaining to such Securities or the production thereof in any trial or other proceedings relative thereto, and any such action or proceedings instituted by the Trustee shall be brought in its own name as trustee of an express trust, and any recovery of judgment shall be awarded to the Trustee for ratable distribution to the Holders of the Securities or Coupons appertaining to such Securities in respect of which such action was taken, after payment of all sums due to the Trustee under Section 6.6 in respect of such Securities.

In any proceedings brought by the Trustee (and also any proceedings involving the interpretation of any provision of this Indenture to which the Trustee shall be a party) the Trustee shall be held to represent all the Holders of the Securities or Coupons appertaining to such Securities in respect to which such action was taken, and it shall not be necessary to make any Holders of such Securities or Coupons appertaining to such Securities parties to any such proceedings.

SECTION 5.3. APPLICATION OF PROCEEDS. Any moneys collected by the Trustee pursuant to this Article in respect of any series shall be applied in the following order at the date or dates fixed by the Trustee and, in case of the distribution of such moneys on account of principal or interest, upon presentation of the several Securities and Coupons appertaining to such Securities in respect of which monies have been collected and stamping (or otherwise noting) thereon the payment, or issuing Securities of such series in reduced principal amounts in exchange for the presented Securities of like series if only partially paid, or upon surrender thereof if fully paid:

FIRST: To the payment of costs and expenses applicable to such series of Securities in respect of which monies have been collected, including all amounts due to the Trustee and each predecessor Trustee pursuant to Section 6.6 in respect to such series of Securities;

SECOND: To the payment of amounts then due and unpaid to the holders of Senior Indebtedness with respect to such series, to the extent required pursuant to the Subordination Provisions established with respect to the Securities of such series pursuant to Section 2.3(9).

THIRD: In case the principal of the Securities of such series in respect of which moneys have been collected shall not have become and be then due and payable, to the payment of interest on the Securities of such series in default in the order of the maturity of the installments on such interest, with interest (to the extent that such interest has been collected by the Trustee

and is permitted by applicable law) upon the overdue installments of interest at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in such Securities, such payments to be made ratably to the persons entitled thereto, without discrimination or preference;

FOURTH: In case the principal of the Securities of such series in respect of which moneys have been collected shall have become and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon all the Securities of such series for principal and interest, with interest upon the overdue principal, and (to the extent that such interest has been collected by the Trustee and is permitted by applicable law) upon the overdue installments of interest at the same rate as the rate of interest or Yield to Maturity (in the case of Original Issue Discount Securities) specified in the Securities of such series; and in case such moneys shall be insufficient to pay in full the whole amount so due and unpaid upon the Securities of such series, then to the payment of such principal and interest or Yield to Maturity, without preference or priority of principal over interest or Yield to Maturity, or of interest or Yield to Maturity over principal, or of any installment of interest over any other installment of interest or of any Security of such series over any other Security of such series, ratably to the aggregate of such principal and accrued and unpaid interest or Yield to Maturity; and

FIFTH: To the payment of the remainder, if any, to the Issuer or to such party as a court of competent jurisdiction shall direct.

SECTION 5.4. SUITS FOR ENFORCEMENT. In case an Event of Default has occurred, has not been waived and is continuing, the Trustee may in its discretion proceed to protect and enforce the rights vested in it by this Indenture by such appropriate judicial proceedings as the Trustee shall deem most effectual to protect and enforce any of such rights, either at law or in equity or in bankruptcy or otherwise, whether for the specific enforcement of any covenant or agreement contained in this Indenture or in aid of the exercise of any power granted in this Indenture or to enforce any other legal or equitable right vested in the Trustee by this Indenture or by law.

SECTION 5.5. RESTORATION OF RIGHTS ON ABANDONMENT OF PROCEEDINGS. In case the Trustee shall have proceeded to enforce any right under this Indenture and such proceedings shall have been discontinued or abandoned for any reason, or shall have been determined adversely to the Trustee, then and in every such case the Issuer and the Trustee shall be restored respectively to their former positions and rights hereunder, and all rights, remedies and powers of the Issuer, the Trustee and the Securityholders shall continue as though no such proceedings had been taken.

SECTION 5.6. LIMITATIONS ON SUITS BY SECURITY HOLDERS. No Holder of any Security of any series or of any Coupon appertaining thereto shall have any right by virtue or by availing of any provision of this Indenture to institute any action or proceeding at law or in equity or in bankruptcy or otherwise upon or under or with respect to this Indenture or such Security, or for the appointment of a trustee, receiver, liquidator, custodian or other similar official or for any other remedy hereunder or thereunder, unless (a) such Holder previously shall have given to a Responsible Officer of the Trustee written notice of an Event of Default with

respect to Securities of such series and of the continuance thereof, as hereinbefore provided, and (b) the Holders of not less than 25% in aggregate principal amount of the Securities of such affected series then Outstanding (treated as a single class) shall have made written request upon the Trustee to institute such action or proceedings in its own name as Trustee hereunder and shall have offered to the Trustee security or indemnity reasonably satisfactory to it against the costs, expenses and liabilities to be incurred therein or thereby, and (c) the Trustee for 60 days after its receipt of such notice, request and offer of indemnity shall have failed to institute any such action or proceeding, and (d) no direction inconsistent with such written request shall have been given to the Trustee pursuant to Section 5.9; it being understood and intended, and being expressly covenanted by the taker and Holder of every Security or Coupon with every other taker and Holder and the Trustee, that no one or more Holders of Securities of any series or Coupons appertaining to such Securities shall have any right in any manner whatever by virtue or by availing of any provision of this Indenture or any Security to affect, disturb or prejudice the rights of any other such taker or Holder of Securities or Coupons appertaining to such Securities, or to obtain or seek to obtain priority over or preference to any other such taker or Holder (it being understood that the Trustee does not have an affirmative duty to ascertain whether or not such actions or forbearances are unduly prejudicial to such Holders) or to enforce any right under this Indenture or any Security, except in the manner herein provided and for the equal, ratable and common benefit of all Holders of Securities of the applicable series and Coupons appertaining to such Securities. For the protection and enforcement of the provisions of this Section, each and every Securityholder and the Trustee shall be entitled to such relief as can be given either at law or in equity.

SECTION 5.7. UNCONDITIONAL RIGHT OF SECURITYHOLDERS TO INSTITUTE CERTAIN SUITS. Notwithstanding any other provision in this Indenture and any provision of any Security, the right of any Holder of any Security or Coupon to receive payment of the principal of and interest on such Security or Coupon on or after the respective due dates expressed in such Security or Coupon or the applicable redemption dates provided for in such Security, or to institute suit for the enforcement of any such payment on or after such respective dates, shall not be impaired or affected without the consent of such Holder.

SECTION 5.8. POWERS AND REMEDIES CUMULATIVE; DELAY OR OMISSION NOT WAIVER OF DEFAULT. Except as provided in Section 5.6, no right or remedy herein conferred upon or reserved to the Trustee or to the Holders of Securities or Coupons 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.

No delay or omission of the Trustee or of any Holder of Securities or Coupons to exercise any right or power accruing upon any Event of Default occurring and continuing as aforesaid shall impair any such right or power or shall be construed to be a waiver of any such Event of Default or an acquiescence therein. Every power and remedy given by this Indenture, any Security or law to the Trustee or to the Holders of Securities or Coupons may be exercised from

time to time, and as often as shall be deemed expedient, by the Trustee or, subject to Section 5.6, by the Holders of Securities or Coupons.

SECTION 5.9. CONTROL BY HOLDERS OF SECURITIES. The Holders of a majority in aggregate principal amount of the Securities of each series affected (with each such series voting as a separate class) at the time Outstanding 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 by this Indenture; *provided*, that such direction shall not be otherwise than in accordance with law and the provisions of this Indenture; and *provided, further*, that (subject to the provisions of Section 6.1) the Trustee shall have the right to decline to follow any such direction if (a) the Trustee, being advised by counsel, shall determine that the action or proceeding so directed may not lawfully be taken; or (b) if the Trustee by its trust committee of directors or Responsible Officers of the Trustee shall determine in good faith that the action or proceedings so directed would involve the Trustee in personal liability; or (c) if the Trustee in good faith shall so determine that the actions or forbearances specified in or pursuant to such direction would be unduly prejudicial to the interests of Holders of the Securities of all affected series not joining in the giving of said direction, it being understood that (subject to Section 6.1) the Trustee shall have no duty to ascertain whether or not such actions or forbearances are unduly prejudicial to such Holders.

Nothing in this Indenture shall impair the right of the Trustee in its discretion to take any action deemed proper by the Trustee and which is not inconsistent with such direction or directions by Securityholders.

SECTION 5.10. WAIVER OF PAST DEFAULTS. Prior to the declaration of acceleration of the maturity of the Securities of any series as provided in Section 5.1, the Holders of a majority in aggregate principal amount of the Securities of such series at the time Outstanding (voting as a single class) may on behalf of the Holders of all such Securities waive any past default or Event of Default described in Section 5.1 and its consequences, except a default in respect of a covenant or provision hereof which cannot be modified or amended without the consent of the Holder of each Security affected. In the case of any such waiver, the Issuer, the Trustee and the Holders of all such Securities shall be restored to their former positions and rights hereunder, respectively, and 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 5.11. TRUSTEE TO GIVE NOTICE OF DEFAULT, BUT MAY WITHHOLD IN CERTAIN CIRCUMSTANCES. The Trustee shall, within 90 days after the occurrence of a default with respect to the Securities of any series, give notice of all defaults with respect to that series known to the Trustee (i) if any Unregistered Securities of that series are then Outstanding, to the Holders thereof, by publication at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York and (ii) to all Holders of Securities of such series in the manner and to the extent provided in Section 313(c) of the Trust Indenture Act, unless in each case such defaults shall have been cured before the mailing or

publication of such notice (the term "default" for the purpose of this Section being hereby defined to mean any event or condition which is, or with notice or lapse of time or both would become, an Event of Default); *provided*, that, except in the case of default in the payment of the principal of or interest on any of the Securities of such series, or in the payment of any installment on 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 or trustees and/or Responsible Officers of the Trustee in good faith determines that the withholding of such notice is in the interests of the Securityholders of such series.

SECTION 5.12. RIGHT OF COURT TO REQUIRE FILING OF UNDERTAKING TO PAY COSTS. All parties to this Indenture agree, and each Holder of any Security or Coupon 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 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 and expenses, 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 shall not apply to any suit instituted by the Trustee, to any suit instituted by any Securityholder or group of Securityholders of any series holding in the aggregate more than 10% in aggregate principal amount of the Securities of such series, or to any suit instituted by any Securityholder for the enforcement of the payment of the principal of or interest on any Security on or after the due date expressed in such Security or any date fixed for redemption.

**ARTICLE VI
CONCERNING THE TRUSTEE**

SECTION 6.1. DUTIES AND RESPONSIBILITIES OF THE TRUSTEE; DURING DEFAULT; PRIOR TO DEFAULT. Prior to the occurrence of an Event of Default with respect to the Securities of a particular series and after the curing or waiving of all Events of Default which may have occurred with respect to such series, the Trustee undertakes to perform such duties and only such duties as are specifically set forth in this Indenture with respect to such series of Securities. In case an Event of Default with respect to the Securities of a series has occurred and has not been cured or waived, the Trustee shall exercise with respect to such series of Securities such of the rights and powers vested in it by this Indenture with respect to such series of Securities, and use the same degree of care and skill in their exercise, as a prudent person would exercise or use under the circumstances in the conduct of his or her own affairs.

No provision of this Indenture shall be construed to relieve the Trustee from liability for its own negligence or its own willful misconduct, except that

- (a) prior to the occurrence of an Event of Default with respect to the Securities of any series and after the curing or waiving of all such Events of Default with respect to such series which may have occurred:

(i) the duties and obligations of the Trustee with respect to the Securities of any series shall be determined solely by the express provisions of this Indenture, and the Trustee shall not be liable except for the performance of such duties and obligations as are specifically set forth in this Indenture, and no implied covenants or obligations shall be read into this Indenture against the Trustee; and

(ii) in the absence of bad faith on the part of the Trustee, the Trustee may conclusively rely, as to the truth of the statements and the correctness of the opinions expressed therein, upon any statements, certificates or opinions furnished to the Trustee and conforming to the requirements of this Indenture; but in the case of any such statements, 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 whether or not they conform to the requirements of this Indenture;

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

(c) 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 pursuant to Section 5.9 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.

None of the provisions contained in this Indenture shall require the Trustee to expend or risk its own funds or otherwise incur personal financial liability in the performance of any of its duties or in the exercise of any of its rights or powers, if there shall be reasonable ground for believing that the repayment of such funds or adequate indemnity against such liability is not reasonably assured to it.

The provisions of this Section 6.1 are in furtherance of and subject to Section 315 of the Trust Indenture Act.

SECTION 6.2. CERTAIN RIGHTS OF THE TRUSTEE. In furtherance of and subject to the Trust Indenture Act, and subject to Section 6.1:

(a) the Trustee may conclusively rely and shall be protected in acting or refraining from acting upon any resolution, Officer's Certificate or any other certificate, statement, instrument, opinion, report, notice, request, consent, order, bond, debenture, note, coupon, security 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, direction, order or demand of the Issuer mentioned herein shall be sufficiently evidenced by an Officer's Certificate or Issuer Order (unless other evidence in respect thereof is specifically prescribed herein or in the terms established in respect of any series); and any resolution of the Board of Directors may be evidenced to the Trustee by a copy thereof certified by the secretary or an assistant secretary of the Issuer;

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

(d) the Trustee shall be under no obligation to exercise any of the trusts or powers vested in it by this Indenture at the request, order or direction of any of the Securityholders pursuant to the provisions of this Indenture, unless such Securityholders shall have offered to the Trustee security or indemnity reasonably satisfactory to it against the costs, expenses and liabilities which might be incurred therein or thereby;

(e) the Trustee shall not be liable for any action taken or omitted by it in good faith and believed by it to be authorized or within the discretion, rights or powers conferred upon it by this Indenture;

(f) prior to the occurrence of an Event of Default hereunder and after the curing or waiving of all Events of Default, 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, consent, order, approval, appraisal, bond, debenture, note, coupon, security, or other paper or document unless (i) requested in writing so to do by the Holders of not less than a majority in aggregate principal amount of the Securities of any series then Outstanding or (ii) otherwise provided in the terms of any series of Securities pursuant to Section 2.3; *provided*, that, if the payment within a reasonable time to the Trustee of the costs, expenses or liabilities likely to be incurred by it in the making of such investigation is, in the opinion of the Trustee, not reasonably assured to the Trustee by the security afforded to it by the terms of this Indenture, the Trustee may require reasonable security or indemnity satisfactory to it against such expenses or liabilities as a condition to proceeding; the reasonable expenses of every such investigation shall be paid by the Issuer or, if paid by the Trustee or any predecessor trustee, shall be repaid by the Issuer upon demand;

(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 not regularly in its employ and the Trustee shall not be responsible for any misconduct or negligence on the part of any such agent or attorney appointed with due care by it hereunder;

(h) the Trustee shall not be deemed to have notice of any Event of Default unless a Responsible Officer of the Trustee has actual knowledge thereof or unless written notice of any event which is in fact an Event of Default is received by the Trustee at the Corporate Trust Office and such notice references the Securities, the Issuer or this Indenture;

(i) the rights, privileges, protections, immunities and benefits given to the Trustee, including, without limitation, its right to be indemnified, are extended to, and shall be enforceable by, the Trustee in each of its capacities hereunder, and each agent, custodian and other Person employed to act hereunder;

(j) the Trustee may request that the Issuer deliver a 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 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;

(k) in no event shall the Trustee be responsible or liable for special, indirect, punitive or consequential loss or damage of any kind whatsoever (including, but not limited to, loss of profit) irrespective of whether the Trustee has been advised of the likelihood of such loss or damage and regardless of the form of action; and

(l) the Trustee shall not be required to give any bond or surety in respect of the performance of its powers and duties hereunder.

SECTION 6.3. TRUSTEE NOT RESPONSIBLE FOR RECITALS, DISPOSITION OF SECURITIES OR APPLICATION OF PROCEEDS THEREOF. The recitals contained herein and in the Securities, except the Trustee's certificates of authentication, shall be taken as the statements of the Issuer, and the Trustee assumes no responsibility for the correctness of the same. The Trustee makes no representation as to the validity or sufficiency of this Indenture or of the Securities or Coupons. The Trustee shall not be accountable for the use or application by the Issuer of any of the Securities or of the proceeds thereof.

SECTION 6.4. TRUSTEE AND AGENTS MAY HOLD SECURITIES OR COUPONS; COLLECTIONS, ETC. The Trustee or any agent of the Issuer or of the Trustee, in its individual or any other capacity, may become the owner or pledgee of Securities or Coupons with the same rights it would have if it were not the Trustee or such agent and may otherwise deal with the Issuer and receive, collect, hold and retain collections from the Issuer with the same rights it would have if it were not the Trustee or such agent.

SECTION 6.5. MONEYS HELD BY TRUSTEE. Subject to the provisions of Section 10.4 hereof, all moneys received by the Trustee shall, until used or applied as herein provided, be held in trust for the purposes for which they were received, but need not be segregated from other funds except to the extent required by mandatory provisions of law. Neither the Trustee nor any agent of the Issuer or the Trustee shall be under any liability for interest on any moneys received by it hereunder.

SECTION 6.6. COMPENSATION AND INDEMNIFICATION OF TRUSTEE AND ITS PRIOR CLAIM. The Issuer covenants and agrees to pay to the Trustee from time to time, and the Trustee shall be entitled to, such compensation as the Issuer and the Trustee shall agree in writing (which shall not be limited by any provision of law in regard to the compensation of a trustee of an express trust), and the Issuer covenants and agrees to pay or reimburse the Trustee and each predecessor trustee upon its request for all reasonable expenses, disbursements and advances incurred or made by or on behalf of it in accordance with any of the provisions of this Indenture (including the reasonable compensation and the expenses and disbursements of its counsel and of all agents and other persons not regularly in its employ) except any such expense, disbursement or advance as may arise from its negligence or willful misconduct. The Issuer also covenants to indemnify each of the Trustee or any predecessor Trustee and their agents for, and to hold them harmless against, any and all loss, damage, claims,

liability or expense, including taxes (other than taxes based upon, measured by or determined by the income of the Trustee), 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 (whether asserted by the Issuer, or any Holder or any other Person) or liability in connection with the exercise or performance of any of its powers or duties hereunder, or in connection with enforcing the provisions of this Section, except to the extent that such loss, damage, claim, liability or expense is due to its own negligence or willful misconduct. 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 are intended to constitute expenses of administration under any applicable bankruptcy, insolvency or other similar law. The obligations of the Issuer under this Section to compensate and indemnify the Trustee and each predecessor trustee and to pay or reimburse the Trustee and each predecessor trustee for expenses, disbursements and advances shall constitute additional indebtedness hereunder and shall survive the satisfaction and discharge of this Indenture and the resignation or removal of the Trustee. Such additional indebtedness shall be a senior claim to that of the Securities upon all property and funds held or collected by the Trustee as such, except funds held in trust for the benefit of the Holders of particular Securities or Coupons, and the Securities are hereby subordinated to such senior claim.

SECTION 6.7. RIGHT OF TRUSTEE TO RELY ON OFFICER'S CERTIFICATE, ETC. Subject to Sections 6.1 and 6.2, whenever in the administration of the trusts of this Indenture the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering or omitting any action hereunder, such matter (unless other evidence in respect thereof be herein specifically prescribed) may, in the absence of negligence or willful misconduct on the part of the Trustee, be deemed to be conclusively proved and established by an Officer's Certificate delivered to the Trustee, and such certificate, in the absence of negligence or bad faith on the part of the Trustee, shall be full warrant to the Trustee for any action taken, suffered or omitted by it under the provisions of this Indenture upon the faith thereof.

SECTION 6.8. QUALIFICATION OF TRUSTEE: CONFLICTING INTERESTS. The Trustee shall comply with Section 310(b) of the Trust Indenture Act.

SECTION 6.9. PERSONS ELIGIBLE FOR APPOINTMENT AS TRUSTEE. The Trustee for each series of Securities hereunder shall at all times be a corporation or banking association organized and doing business under the laws of the United States of America, any State thereof or the District of Columbia, having a combined capital and surplus of at least \$50,000,000, and which is authorized under such laws to exercise corporate trust powers and is subject to supervision or examination by Federal, state or District of Columbia authority. If such corporation publishes reports of condition at least annually, pursuant to law or to the requirements of the aforesaid 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. In case at any time the Trustee shall cease to be eligible in accordance with the provisions of this Section, the Trustee shall resign immediately in the manner and with the effect specified in Section 6.10.

The provisions of this Section 6.9 are in furtherance of and subject to Section 310(a) of the Trust Indenture Act.

SECTION 6.10. RESIGNATION AND REMOVAL; APPOINTMENT OF SUCCESSOR TRUSTEE. (a) The Trustee, or any trustee or trustees hereafter appointed, may at any time resign with respect to one or more or all series of Securities by giving written notice of resignation to the Issuer and (i) if any Unregistered Securities of a series affected are then Outstanding, by giving notice of such resignation to the Holders thereof, by publication at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, (ii) if any Unregistered Securities of a series affected are then Outstanding, by mailing notice of such resignation to the Holders thereof who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act at such addresses as were so furnished to the Trustee and (iii) by mailing notice of such resignation to the Holders of then Outstanding Registered Securities of each series affected at their addresses as they shall appear on the registry books. Upon receiving such notice of resignation, the Issuer shall promptly appoint a successor trustee or trustees with respect to the applicable series by written instrument in duplicate, executed by authority of the Board of Directors, one copy of which instrument shall be delivered to the resigning Trustee and one copy to the successor trustee or trustees. If no successor trustee shall have been so appointed with respect to any series and have accepted appointment within 30 days after the mailing of such notice of resignation, the resigning trustee may petition any court of competent jurisdiction at the expense of the Issuer for the appointment of a successor trustee, or any Securityholder who has been a bona fide Holder of a Security or Securities of the applicable series for at least six months may, subject to the provisions of Section 5.12, on behalf of himself and all others similarly situated, petition any such court for the appointment of a successor trustee. Such court may thereupon, after such notice, if any, as it may deem proper and prescribe, appoint a successor trustee.

(b) In case at any time any of the following shall occur:

(i) the Trustee shall fail to comply with the provisions of Section 310(b) of the Trust Indenture Act with respect to any series of Securities after written request therefor by the Issuer or by any Securityholder who has been a bona fide Holder of a Security or Securities of such series for at least six months; or

(ii) the Trustee shall cease to be eligible in accordance with the provisions of Section 6.9 and Section 310(a) of the Trust Indenture Act and shall fail to resign after written request therefor by the Issuer or by any Securityholder who has been a bona fide Holder of a Security or Securities of such series for at least six months; or

(iii) the Trustee shall become incapable of acting with respect to any series of Securities, or shall be adjudged bankrupt or insolvent, or a receiver or liquidator 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, the Issuer may remove the Trustee with respect to the applicable series of Securities and appoint a successor trustee for such series by written instrument, in duplicate, executed by order of the Board of Directors of the Issuer, one copy of which instrument shall be delivered to the Trustee so removed and one copy to the successor trustee, or, subject to the provisions of Section 315(e) of the Trust Indenture Act, any Securityholder who has been a bona fide Holder of a Security or Securities 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 removal of the Trustee and the appointment of a successor trustee with respect to such series. Such court may thereupon, after such notice, if any, as it may deem proper and so prescribe, remove the Trustee and appoint a successor trustee.

(c) The Holders of a majority in aggregate principal amount of the Securities of each series at the time outstanding may at any time remove the Trustee with respect to Securities of such series and appoint a successor trustee with respect to the Securities of such series by delivering to the Trustee so removed, to the successor trustee so appointed and to the Issuer the evidence provided for in Section 7.1 of the action in that regard taken by the Securityholders. If no successor Trustee shall have been so appointed with respect to any series and have accepted appointment within 30 days after the mailing of such notice of removal, the Trustee being removed may, at the expense of the Issuer, petition any court of competent jurisdiction for the appointment of a successor Trustee with respect to the Securities of such series.

(d) Any resignation or removal of the Trustee with respect to any series and any appointment of a successor trustee with respect to such series pursuant to any of the provisions of this Section 6.10 shall become effective upon acceptance of appointment by the successor trustee as provided in Section 6.11.

SECTION 6.11. ACCEPTANCE OF APPOINTMENT BY SUCCESSOR TRUSTEE. Any successor trustee appointed as provided in Section 6.10 shall execute and deliver to the Issuer and to its predecessor trustee an instrument accepting such appointment hereunder, and thereupon the resignation or removal of the predecessor trustee with respect to all or any applicable series shall become effective and such successor trustee, without any further act, deed or conveyance, shall become vested with all rights, powers, duties and obligations with respect to such series of its predecessor hereunder, with like effect as if originally named as trustee for such series hereunder; but, nevertheless, on the written request of the Issuer or of the successor trustee, upon payment of its charges then unpaid, the trustee ceasing to act shall, subject to Section 10.4, pay over to the successor trustee all moneys at the time held by it hereunder and shall execute and deliver an instrument transferring to such successor trustee all such rights, powers, duties and obligations. Upon request of any such successor trustee, the Issuer shall execute any and all instruments in writing for more fully and certainly vesting in and confirming to such successor trustee all such rights and powers. Any trustee ceasing to act shall, nevertheless, retain a prior claim upon all property or funds held or collected by such trustee to secure any amounts then due it pursuant to the provisions of Section 6.6.

If a successor trustee is appointed with respect to the Securities of one or more (but not all) series, the Issuer, the predecessor trustee and each successor trustee with respect to the

Securities of any applicable series shall execute and deliver an indenture supplemental hereto which shall contain such provisions as shall be deemed necessary or desirable to confirm that all the rights, powers, trusts and duties of the predecessor trustee with respect to the Securities of any series as to which the predecessor trustee is not retiring shall continue to be vested in the predecessor trustee, and 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 under separate indentures.

No successor trustee with respect to any series of Securities shall accept appointment as provided in this Section 6.11 unless at the time of such acceptance such successor trustee shall be qualified under Section 310(b) of the Trust Indenture Act and eligible under the provisions of Section 6.9.

Upon acceptance of appointment by any successor trustee as provided in this Section 6.11, the Issuer shall give notice thereof (a) if any Unregistered Securities of a series affected are then Outstanding, to the Holders thereof, by publication of such notice at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, (b) if any Unregistered Securities of a series affected are then Outstanding, to the Holders thereof who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act, by mailing such notice to such Holders at such addresses as were so furnished to the Trustee (and the Trustee shall make such information available to the Issuer for such purpose) and (c) to the Holders of Registered Securities of each series affected, by mailing such notice to such Holders at their addresses as they shall appear on the registry books. If the acceptance of appointment is substantially contemporaneous with the resignation, then the notice called for by the preceding sentence may be combined with the notice called for by Section 6.10. If the Issuer fails to give such notice within ten days after acceptance of appointment by the successor trustee, the successor trustee shall cause such notice to be given at the expense of the Issuer.

SECTION 6.12. MERGER, CONVERSION, CONSOLIDATION OR SUCCESSION TO BUSINESS OF TRUSTEE. Any corporation or banking association into which the Trustee may be merged or converted or with which it may be consolidated, or any corporation or banking association resulting from any merger, conversion or consolidation to which the Trustee shall be a party, or any corporation or banking association succeeding to all or substantially all of the corporate trust business of the Trustee, shall be the successor of the Trustee hereunder, *provided*, that such corporation or banking association shall be qualified under Section 310(b) of the Trust Indenture Act and eligible under the provisions of Section 6.9, without the execution or filing of any paper or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding.

In case at the time such successor to the Trustee shall succeed to the trusts created by this Indenture any of the Securities of any series shall have been authenticated but not delivered, any such successor to the Trustee may adopt the certificate of authentication of any predecessor trustee and deliver such Securities so authenticated; and, in case at that time any of the Securities

of any series shall not have been authenticated, any such successor to the Trustee may authenticate such Securities either in the name of any predecessor hereunder or in the name of the successor Trustee; and in all such cases such certificate of authentication shall have the full force which under this Indenture or the Securities of such series it is provided that the certificate of authentication of the Trustee shall have; *provided*, that the right to adopt the certificate of authentication of any predecessor trustee or to authenticate Securities of any series in the name of any predecessor trustee shall apply only to its successor or successors by merger, conversion or consolidation.

SECTION 6.13. PREFERENTIAL COLLECTION OF CLAIMS AGAINST THE ISSUER. The Trustee shall comply with Section 311 (a) of the Trust Indenture Act, excluding any creditor relationship listed in Section 311(b) of the Trust Indenture Act. A Trustee who has resigned or been removed shall be subject to Section 311(a) of the Trust Indenture Act to the extent indicated.

SECTION 6.14. APPOINTMENT OF AUTHENTICATING AGENT. As long as any Securities of a series remain Outstanding, the Trustee may, by an instrument in writing, appoint with the approval of the Issuer an authenticating agent (the "Authenticating Agent") which shall be authorized to act on behalf of the Trustee to authenticate Securities, including Securities issued upon exchange, registration of transfer, partial redemption or pursuant to Section 2.9. Securities of each such series authenticated by such Authenticating Agent shall be entitled to the benefits of this Indenture and shall be valid and obligatory for all purposes as if authenticated by the Trustee. Whenever reference is made in this Indenture to the authentication and delivery of Securities of any series by the Trustee or to 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 for such series and a Certificate of Authentication executed on behalf of the Trustee by such Authenticating Agent. Such Authenticating Agent shall at all times be a corporation organized and doing business under the laws of the United States of America or of any State, authorized under such laws to exercise corporate trust powers, having a combined capital and surplus of at least \$45,000,000 (determined as provided in Section 6.9 with respect to the Trustee) and subject to supervision or examination by Federal or state authority.

Any corporation into which any 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 any Authenticating Agent shall be a party, or any corporation succeeding to all or substantially all the corporate agency business of any Authenticating Agent, shall continue to be the Authenticating Agent with respect to all series of Securities for which it served as Authenticating Agent without the execution or filing of any paper or any further act on the part of the Trustee or such Authenticating Agent. Any Authenticating Agent may at any time, and if it shall cease to be eligible shall, resign by giving written notice of resignation to the Trustee and to the Issuer.

Upon receiving such a notice of resignation or upon such a termination, or in case at any time any Authenticating Agent shall cease to be eligible in accordance with the provisions of this Section 6.14 with respect to one or more series of Securities, the Trustee shall upon receipt of an

Issuer Order appoint a successor Authenticating Agent, and the Issuer shall provide notice of such appointment to all Holders of Securities of such series in the manner and to the extent provided in Section 11.4. Any successor Authenticating Agent upon acceptance of its appointment hereunder shall become vested with all rights, powers, duties and responsibilities of its predecessor hereunder, with like effect as if originally named as Authenticating Agent. The Issuer agrees to pay to the Authenticating Agent for such series from time to time reasonable compensation. The Authenticating Agent for the Securities of any series shall have no responsibility or liability for any action taken by it as such at the direction of the Trustee, nor shall the Trustee have any responsibility or liability for any action taken by the Authenticating Agent.

Sections 6.2, 6.3, 6.4, 6.6 and 7.3 shall be applicable to any Authenticating Agent.

ARTICLE VII
CONCERNING THE SECURITYHOLDERS

SECTION 7.1. EVIDENCE OF ACTION TAKEN BY SECURITYHOLDERS. Any request, demand, authorization, direction, notice, consent, waiver or other action provided by this Indenture to be given or taken by a specified percentage in principal amount of the Securityholders of any or all series may be embodied in and evidenced by one or more instruments of substantially similar tenor signed by such specified percentage of Securityholders 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. Proof of execution of any instrument or of a writing appointing any such agent shall be sufficient for any purpose of this Indenture and (subject to Sections 6.1 and 6.2) conclusive in favor of the Trustee and the Issuer, if made in the manner provided in this Article.

SECTION 7.2. PROOF OF EXECUTION OF INSTRUMENTS AND OF HOLDING OF SECURITIES. Subject to Sections 6.1 and 6.2, the execution of any instrument by a Securityholder or his agent or proxy may be proved in accordance with such reasonable rules and regulations as may be prescribed by the Trustee or in such manner as shall be satisfactory to the Trustee. The holding of Registered Securities shall be proved by the Security register or by a certificate of the registrar thereof.

SECTION 7.3. HOLDERS TO BE TREATED AS OWNERS. The Issuer, the Trustee and any agent of the Issuer or the Trustee may deem and treat the person in whose name any Security shall be registered upon the Security register for such series as the absolute owner of such Security (whether or not such Security shall be overdue and notwithstanding any notation of ownership or other writing thereon) for the purpose of receiving payment of or on account of the principal of and, subject to the provisions of this Indenture, interest on such Security and for all other purposes; and neither the Issuer nor the Trustee nor any agent of the Issuer or the Trustee shall be affected by any notice to the contrary. The Issuer, the Trustee and any agent of the Issuer or the Trustee may treat the Holder of any Unregistered Security and the Holder of any Coupon as the absolute owner of such Unregistered Security or Coupon (whether or not such Unregistered Security or Coupon shall be overdue) for the purpose of receiving payment thereof

or on account thereof and for all other purposes, and neither the Issuer, the Trustee, nor any agent of the Issuer or the Trustee shall be affected by any notice to the contrary. All such payments so made to any such person, or upon his order, shall be valid, and, to the extent of the sum or sums so paid, effectual to satisfy and discharge the liability for moneys payable upon any such Unregistered Security or Coupon.

SECTION 7.4. SECURITIES OWNED BY ISSUER DEEMED NOT OUTSTANDING. In determining whether the Holders of the requisite aggregate principal amount of Outstanding Securities of any or all series have concurred in any request, demand, authorization, direction, notice, consent, waiver or other action by Securityholders under this Indenture, Securities which are owned by the Issuer or any other obligor on the Securities with respect to which such determination is being made or by any person directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer or any other obligor on the Securities with respect to which such determination is being made shall be disregarded and deemed not to be Outstanding for the purpose of any such determination, except that for the purpose of determining whether the Trustee shall be protected in relying on any such action only Securities which a Responsible Officer of the Trustee actually knows are so owned shall be so disregarded. Securities so owned 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 so to act with respect to such Securities and that the pledgee is not the Issuer or any other obligor upon the Securities or any person directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer or any other obligor on the Securities. In case of a dispute as to such right, the advice of counsel shall be full protection in respect of any decision made by the Trustee in accordance with such advice. Upon request of the Trustee, the Issuer shall furnish to the Trustee promptly an Officer's Certificate listing and identifying all Securities, if any, known by the Issuer to be owned or held by or for the account of any of the above-described persons; and, subject to Sections 6.1 and 6.2, the Trustee shall be entitled to accept such Officer's Certificate as conclusive evidence of the facts therein set forth and of the fact that all Securities not listed therein are Outstanding for the purpose of any such determination.

SECTION 7.5. RIGHT OF REVOCATION OF ACTION TAKEN. At any time prior to (but not after) the evidencing to the Trustee, as provided in Section 7.1, of the taking of any action by the Holders of the percentage in aggregate principal amount of the Securities of any or all series, as the case may be, specified in this Indenture in connection with such action, any Holder of a Security the serial number of which is shown by the evidence to be included among the serial numbers of the Securities the Holders of which have consented to such action may, by filing written notice at the Corporate Trust Office and upon proof of holding as provided in this Article, revoke such action so far as concerns such Security. Except as aforesaid, any such action taken by the Holder of any Security shall be conclusive and binding upon such Holder and upon all future Holders and owners of such Security and of any Securities issued in exchange or substitution therefor or on registration of transfer thereof, irrespective of whether or not any notation in regard thereto is made upon any such Security. Any action taken by the Holders of the percentage in aggregate principal amount of the Securities of any or all series, as the case may be, specified in this Indenture in connection with such action shall be conclusively binding upon the Issuer, the Trustee and the Holders of all the Securities affected by such action.

ARTICLE VIII
SUPPLEMENTAL INDENTURES

SECTION 8.1. SUPPLEMENTAL INDENTURES WITHOUT CONSENT OF SECURITYHOLDERS. The Issuer, when authorized by a Board Resolution (which resolution may provide general terms or parameters for such action and may provide that the specific terms of such action may be determined in accordance with or pursuant to an Issuer Order), and the Trustee may from time to time and at any time, without consent of any Securityholders, enter into an indenture or indentures supplemental hereto for one or more of the following purposes:

(a) to convey, transfer, assign, mortgage or pledge to the Trustee as security for the Securities of one or more series any property or assets;

(b) to evidence the succession of another corporation to the Issuer, or successive successions, and the assumption by the successor corporation of the covenants, agreements and obligations of the Issuer pursuant to Article IX;

(c) to add to the covenants of the Issuer such further covenants, restrictions, conditions or provisions as the Issuer and the Trustee shall consider to be for the protection or benefit of the Holders of Securities or Coupons, 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;

(d) to cure any ambiguity or to correct or supplement any provision contained herein or in any supplemental indenture which may be defective or inconsistent with any other provision contained herein or in any supplemental indenture, or to make any other provisions as the Issuer may deem necessary or desirable, *provided*, that no such action shall adversely affect the interests of the Holders of the Securities or Coupons in any material respect;

(e) to establish the forms or terms of Securities of any series or of the Coupons appertaining to such Securities as permitted by Sections 2.1 and 2.3;

(f) 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;

- (g) to comply with SEC requirements to effect or maintain the qualification of this Indenture under the Trust Indenture Act;
- (h) to evidence and provide for the acceptance and appointment under this Indenture of a successor Trustee pursuant to the requirements hereof;
- (i) to add one or more guarantees under this Indenture or release a guarantee pursuant to the provisions hereof; and

(j) to change or eliminate any of the provisions of this Indenture, or to add any new provision to this Indenture, in respect of one or more series of Securities; *provided, however*, that any such change, elimination or addition shall not apply to any Security Outstanding on the date of such indenture supplemental hereto.

The Trustee is hereby authorized to join with the Issuer in the execution of any such supplemental indenture, to make any further appropriate agreements and stipulations which may be therein contained and to accept the conveyance, transfer, assignment, mortgage or pledge of any property thereunder, but the Trustee 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.

Any supplemental indenture authorized by the provisions of this Section may be executed without the consent of the Holders of any of the Securities at the time outstanding, notwithstanding any of the provisions of Section 8.2.

SECTION 8.2. SUPPLEMENTAL INDENTURES WITH CONSENT OF SECURITYHOLDERS.

(A) Except as set forth in paragraph (B) below, with the consent (evidenced as provided in Article VII) of the Holders of not less than a majority in aggregate principal amount of the Securities at the time Outstanding of any series of Securities affected by such supplemental indenture, the Issuer, when authorized by a Board Resolution (which resolution may provide general terms or parameters for such action and may provide that the specific terms of such action may be determined in accordance with or pursuant to an Issuer Order), and the Trustee may, from time to time and at any time, enter into an indenture or indentures supplemental hereto (which shall conform to the provisions of the Trust Indenture Act as in force and effect at the date of execution thereof) for the purpose of adding any provisions to or changing in any manner or eliminating any of the provisions of this Indenture or of any supplemental indenture or of modifying in any manner the rights of the Holders of the Securities of each such series or of the Coupons appertaining to such Securities.

(B) No such supplemental indenture shall (i) extend the final maturity of any Security, or reduce the principal amount thereof, or premium thereon, if any, or reduce the rate or extend the time of payment of interest thereon, or reduce any amount payable on redemption thereof, or make the principal thereof (including any amount in respect of original issue discount), or premium thereon, if any, or interest thereon payable in any coin or currency other than that provided in the Securities and Coupons or in accordance with the terms thereof, or

reduce the amount of the principal of an Original Issue Discount Security that would be due and payable upon an acceleration of the maturity thereof pursuant to Section 5.1 or the amount thereof provable in bankruptcy pursuant to Section 5.2, or modify any of the Subordination Provisions or the definition of "Senior Indebtedness" relating to such series in a manner adverse to the holders of such Securities in any material respect, or impair or affect the right of any Securityholder to institute suit for the payment thereof when due or, if the Securities provide therefor, any right of repayment at the option of the Securityholder, in each case without the consent of the Holder of each Security so affected, or (ii) reduce the aforesaid percentage of Securities of any series, the consent of the Holders of which is required for any such supplemental indenture, without the consent of the Holders of each Security so affected.

(C) A supplemental indenture which changes or eliminates one or more covenants or other provisions of this Indenture which have expressly been included solely for the benefit of one or more particular series of Securities, or which modifies the rights of Holders of Securities of such series, or of Coupons appertaining to such Securities, with respect to such covenant or provision, shall be deemed not to affect the rights under this Indenture of the Holders of Securities of any other series or of the Coupons appertaining to such Securities.

Upon the request of the Issuer, accompanied by a copy of a resolution of the Board of Directors (which resolution may provide general terms or parameters for such action and may provide that the specific terms of such action may be determined in accordance with or pursuant to an Issuer Order) certified by the secretary or an assistant secretary of the Issuer authorizing the execution of any such supplemental indenture, and upon the filing with the Trustee of evidence of the consent of the Holders of the Securities as aforesaid and other documents, if any, required by Section 7.1, the Trustee shall join with the Issuer in the execution of such supplemental indenture unless such supplemental indenture affects the Trustee's own rights, duties or immunities under this Indenture or otherwise, in which case the Trustee may in its discretion, but shall not be obligated to, enter into such supplemental indenture.

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

Promptly after the execution by the Issuer and the Trustee of any supplemental indenture pursuant to the provisions of this Section, the Trustee shall give notice thereof (i) to the Holders of then Outstanding Registered Securities of each series affected thereby, by mailing a notice thereof by first-class mail to such Holders at their addresses as they shall appear on the Security register, (ii) if any Unregistered Securities of a series affected thereby are then Outstanding, to the Holders thereof who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act, by mailing a notice thereof by first-class mail to such Holders at such addresses as were so furnished to the Trustee and (iii) if any Unregistered Securities of a series affected thereby are then Outstanding, to all Holders thereof, by publication of a notice thereof at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, and in each case such notice shall set forth in general terms the substance of such supplemental indenture. Any failure of the Issuer to give such notice, or any defect therein, shall not, however, in any way impair or affect the validity of any such supplemental indenture.

SECTION 8.3. EFFECT OF SUPPLEMENTAL INDENTURE. Upon the execution of any supplemental indenture pursuant to the provisions hereof, this Indenture shall be and be deemed to be modified and amended in accordance therewith and the respective rights, limitations of rights, obligations, duties and immunities under this Indenture of the Trustee, the Issuer and the Holders of Securities of each series affected thereby shall thereafter be determined, exercised and enforced hereunder subject in all respects to such modifications and amendments, and all the terms and conditions of any such supplemental indenture shall be and be deemed to be part of the terms and conditions of this Indenture for any and all purposes.

SECTION 8.4. DOCUMENTS TO BE GIVEN TO TRUSTEE. The Trustee, subject to the provisions of Sections 6.1 and 6.2, shall receive an Officer's Certificate and an Opinion of Counsel as conclusive evidence that any supplemental indenture executed pursuant to this Article VIII complies with the applicable provisions of this Indenture.

SECTION 8.5. NOTATION ON SECURITIES IN RESPECT OF SUPPLEMENTAL INDENTURES. Securities of any series authenticated and delivered after the execution of any supplemental indenture pursuant to the provisions of this Article may bear a notation in form approved by the Trustee for such series as to any matter provided for by such supplemental indenture or as to any action taken by Securityholders. If the Issuer or the Trustee shall so determine, new Securities of any series so modified as to conform, in the opinion of the Trustee and the Board of Directors, to any modification of this Indenture contained in any such supplemental indenture may be prepared by the Issuer, authenticated by the Trustee and delivered in exchange for the Securities of such series then Outstanding.

ARTICLE IX CONSOLIDATION, MERGER, SALE OR CONVEYANCE

SECTION 9.1. ISSUER MAY CONSOLIDATE, ETC., ONLY ON CERTAIN TERMS. The Issuer shall not consolidate with or merge into any other Person or transfer or lease its properties and assets substantially as an entirety to any Person, and the Issuer shall not permit any other Person to consolidate with or merge into the Issuer, unless:

(a) either the Issuer shall be the continuing corporation, or the successor (if other than the Issuer) formed by such consolidation or into which the Issuer is merged or to which the properties and assets of the Issuer substantially as an entirety are transferred or leased shall be a corporation, limited liability company, partnership or other entity organized and existing under the laws of the United States of America, any State thereof or the District of Columbia and shall expressly assume, by an indenture supplemental hereto, executed and delivered to the Trustee, in form satisfactory to the Trustee, all the obligations of the Issuer under the Securities and this Indenture; and

(b) immediately after giving effect to such transaction and treating any indebtedness which becomes an obligation of the Issuer or a Subsidiary as a result of such transaction as having been incurred by the Issuer or such Subsidiary at the time of 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 happened and be continuing.

SECTION 9.2. SUCCESSOR SUBSTITUTED. The successor formed by such consolidation or into which the Issuer is merged or to which such transfer or lease is made shall succeed to and be substituted for, and may exercise every right and power of, the Issuer under this Indenture with the same effect as if such successor had been named as the Issuer herein, and thereafter (except in the case of a lease to another Person) the predecessor corporation shall be relieved of all obligations and covenants under the Indenture and the Securities and, in the event of such conveyance or transfer, any such predecessor corporation may be dissolved and liquidated.

SECTION 9.3. OPINION OF COUNSEL TO BE GIVEN TO TRUSTEE. The Trustee, subject to the provisions of Sections 6.1 and 6.2, shall receive an Opinion of Counsel as conclusive evidence that any such consolidation, merger, sale or conveyance, and any such assumption, complies with the provisions of this Article IX.

ARTICLE X

SATISFACTION AND DISCHARGE OF INDENTURE; UNCLAIMED MONEYS

SECTION 10.1. SATISFACTION AND DISCHARGE OF INDENTURE

(A) If at any time (i) the Issuer shall have paid or caused to be paid the principal of and interest on all the Securities of any series Outstanding hereunder and all unmatured Coupons appertaining thereto (other than Securities of such series and Coupons appertaining thereto which have been destroyed, lost or stolen and which have been replaced or paid as provided in Section 2.9) as and when the same shall have become due and payable, or (ii) the Issuer shall have delivered to the Trustee for cancellation all Securities of any series theretofore authenticated and all unmatured Coupons appertaining thereto (other than any Securities of such series and Coupons appertaining thereto which shall have been destroyed, lost or stolen and which shall have been replaced or paid as provided in Section 2.9) or (iii) in the case of any series of Securities where the exact amount (including the currency of payment) of principal of and interest due on which can be determined at the time of making the deposit referred to in clause (b) below, (a) all the Securities of such series and all unmatured Coupons appertaining thereto not theretofore delivered to the Trustee for cancellation shall have become due and payable, or are by their terms to become due and payable 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, and (b) the Issuer shall have irrevocably deposited or caused to be deposited with the Trustee as trust funds in trust the entire amount in (i) cash (other than moneys repaid by the Trustee or any paying agent to the Issuer in accordance with Section 10.4), (ii) in the case of any series of Securities the payments on which may only be made in Dollars, direct obligations of the United States of America, backed by its full faith and credit ("U.S. Government Obligations"), maturing as to principal and interest at such times and in such amounts as will insure the availability of cash sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay at such maturity or upon such redemption, as the case may be, or (iii) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants, an

independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay (x) the principal and interest on all Securities of such series and Coupons appertaining thereto on each date that such principal or interest is due and payable and (y) any mandatory sinking fund payments on the dates on which such payments are due and payable in accordance with the terms of the Indenture and the Securities of such series; and if, in any such case, the Issuer shall also pay or cause to be paid all other sums payable hereunder by the Issuer, then this Indenture shall cease to be of further effect (except as to (i) rights of registration of transfer and exchange of Securities of such Series and of Coupons appertaining thereto pursuant to Section 2.8 and the Issuer's right of optional redemption, if any, (ii) substitution of mutilated, defaced, destroyed, lost or stolen Securities or Coupons, (iii) rights of holders of Securities and Coupons appertaining thereto to receive payments of principal thereof and interest thereon, upon the original stated due dates therefor (but not upon acceleration), and remaining rights of the Holders to receive mandatory sinking fund payments, if any, (iv) any optional redemption rights of such series of Securities to the extent to be exercised to make such call for redemption within one year, (v) the rights, obligations, duties and immunities of the Trustee hereunder, including those under Section 6.6, (vi) the rights of the Holders of Securities of such series and Coupons appertaining thereto as beneficiaries hereof with respect to the property so deposited with the Trustee payable to all or any of them, and (vii) the obligations of the Issuer under Section 3.2) and the Trustee, on demand of the Issuer accompanied by an Officer's Certificate and an Opinion of Counsel and at the cost and expense of the Issuer, shall execute proper instruments acknowledging such satisfaction of and discharging this Indenture; *provided*, that the rights of Holders of the Securities and Coupons to receive amounts in respect of principal of and interest on the Securities and Coupons held by them shall not be delayed longer than required by then-applicable mandatory rules or policies of any securities exchange upon which the Securities are listed. The Issuer agrees to reimburse the Trustee for any costs or expenses thereafter reasonably and properly incurred and to compensate the Trustee for any services thereafter reasonably and properly rendered by the Trustee in connection with this Indenture or the Securities of such series.

(B) The following provisions shall apply to the Securities of each series unless specifically otherwise provided in a Board Resolution, Officer's Certificate or indenture supplemental hereto provided pursuant to Section 2.3. In addition to discharge of the Indenture pursuant to the next preceding paragraph, in the case of any series of Securities the exact amounts (including the currency of payment) of principal of and interest due on which can be determined at the time of making the deposit referred to in clause (a) below, the Issuer shall be deemed to have paid and discharged the entire indebtedness on all the Securities of such a series and the Coupons appertaining thereto on the date of the deposit referred to in subparagraph (a) below, and the provisions of this Indenture with respect to the Securities of such series and Coupons appertaining thereto shall no longer be in effect (except as to (i) rights of registration of transfer and exchange of Securities of such series and of Coupons appertaining thereto pursuant to Section 2.8 and the Issuer's right of optional redemption, if any, (ii) substitution of mutilated, defaced, destroyed, lost or stolen Securities or Coupons, (iii) rights of Holders of Securities and Coupons appertaining thereto to receive payments of principal thereof and interest thereon, upon the original stated due dates therefor (but not upon acceleration), and remaining rights of the Holders to receive mandatory sinking fund payments, if any, (iv) any optional redemption rights of such series of Securities to the extent to be exercised to make such call for redemption within

one year, (v) the rights, obligations, duties and immunities of the Trustee hereunder, (vi) the rights of the Holders of Securities of such series and Coupons appertaining thereto as beneficiaries hereof with respect to the property so deposited with the Trustee payable to all or any of them and (vii) the obligations of the Issuer under Section 3.2) and the Trustee, at the expense of the Issuer, shall at the Issuer's request, execute proper instruments acknowledging the same, if

(a) with reference to this provision the Issuer has irrevocably deposited or caused to be irrevocably deposited with the Trustee as trust funds in trust, specifically pledged as security for, and dedicated solely to, the benefit of the Holders of the Securities of such series and Coupons appertaining thereto (i) cash in an amount, or (ii) in the case of any series of Securities the payments on which may only be made in Dollars, U.S. Government Obligations, maturing as to principal and interest at such times and in such amounts as will insure the availability of cash or (iii) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay (A) the principal and interest on all Securities of such series and Coupons appertaining thereto on each date that such principal or interest is due and payable and (b) any mandatory sinking fund payments on the dates on which such payments are due and payable in accordance with the terms of the Indenture and the Securities of such series;

(b) such deposit will not result in a breach or violation of, or constitute a default under, any agreement or instrument to which the Issuer is a party or by which it is bound;

(c) the Issuer has delivered to the Trustee an Opinion of Counsel based on the fact that (x) the Issuer has received from, or there has been published by, the IRS a ruling or (y) since the date hereof, there has been a change in the applicable United States Federal income tax law, in either case to the effect that, and such opinion shall confirm that, the Holders of the Securities of such series and Coupons appertaining thereto will not recognize income, gain or loss for United States Federal income tax purposes as a result of such deposit, defeasance and discharge and will be subject to United States Federal income tax on the same amount and in the same manner and at the same times, as would have been the case if such deposit, defeasance and discharge had not occurred; and

(d) the Issuer has delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent provided for relating to the defeasance contemplated by this provision have been complied with.

(C) The Issuer shall be released from its obligations under Sections 3.1, 3.5, 3.6, 3.7 and 9.1 and unless otherwise provided for in the Board Resolution, Officer's Certificate or Indenture supplemental hereto establishing such series of Securities, from all covenants and other obligations referred to in Section 2.3(19) or 2.3(21) with respect to such series of Securities, and any Coupons appertaining thereto, outstanding on and after the date the conditions set forth below are satisfied (hereinafter, "covenant defeasance"). For this purpose, such covenant defeasance means that, with respect to the Outstanding Securities of any series,

the Issuer may omit to comply with and shall have no liability in respect of any term, condition or limitation set forth in such Section, whether directly or indirectly by reason of any reference elsewhere herein to such Section or by reason of any reference in such Section to any other provision herein or in any other document and such omission to comply shall not constitute an Event of Default under Section 5.1, but the remainder of this Indenture and such Securities and Coupons shall be unaffected thereby. The following shall be the conditions to application of this subsection C of this Section 10.1:

(a) The Issuer has irrevocably deposited or caused to be deposited with the Trustee as trust funds in trust for the purpose of making the following payments, specifically pledged as security for, and dedicated solely to, the benefit of the holders of the Securities of such series and coupons appertaining thereto, (i) cash in an amount, or (ii) in the case of any series of Securities the payments on which may only be made in Dollars, U.S. Government Obligations maturing as to principal and interest at such times and in such amounts as will insure the availability of cash or (iii) a combination thereof, sufficient, in the opinion of a nationally recognized firm of independent public accountants, an independent investment banking firm or other valuation firm expressed in a written certification thereof delivered to the Trustee, to pay (A) the principal and interest on all Securities of such series and Coupons appertaining thereof and (B) any mandatory sinking fund payments on the day on which such payments are due and payable in accordance with the terms of the Indenture and the Securities of such series;

(b) No Event of Default or event which with notice or lapse of time or both would become an Event of Default with respect to the Securities shall have occurred and be continuing on the date of such deposit;

(c) Such covenant defeasance shall not cause the Trustee to have a conflicting interest as defined in Section 6.8 and for purposes of the Trust Indenture Act with respect to any securities of the Issuer;

(d) Such covenant defeasance shall not cause any Securities then listed on any registered national securities exchange under the Exchange Act to be delisted;

(e) The Issuer shall have delivered to the Trustee an Officer's Certificate and Opinion of Counsel to the effect that the Holders of the Securities of such series and Coupons appertaining thereto will not recognize income, gain or loss for United States Federal income tax purposes as a result of such covenant defeasance and will be subject to United States 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; and

(f) The Issuer shall have delivered to the Trustee an Officer's Certificate and an Opinion of Counsel, each stating that all conditions precedent provided for relating to the covenant defeasance contemplated by this provision have been complied with.

SECTION 10.2. APPLICATION BY TRUSTEE OF FUNDS DEPOSITED FOR PAYMENT OF SECURITIES. Subject to Section 10.4, all moneys deposited with the Trustee (or other trustee) pursuant to Section 10.1 shall be held in trust and applied by it to the payment,

either directly or through any paying agent (including the Issuer acting as its own paying agent), to the Holders of the particular Securities of such series and of Coupons appertaining thereto for the payment or redemption of which such moneys have been deposited with the Trustee, of all sums due and to become due thereon for principal and interest; but such money need not be segregated from other funds except to the extent required by law.

SECTION 10.3. REPAYMENT OF MONEYS HELD BY PAYING AGENT. In connection with the satisfaction and discharge of this Indenture with respect to Securities of any series, all moneys then held by any paying agent under the provisions of this Indenture with respect to such series of Securities shall, upon demand of the Issuer, be repaid to it or paid to the Trustee and thereupon such paying agent shall be released from all further liability with respect to such moneys.

SECTION 10.4. RETURN OF MONEYS HELD BY TRUSTEE AND PAYING AGENT UNCLAIMED FOR TWO YEARS. Any moneys deposited with or paid to the Trustee or any paying agent for the payment of the principal of or interest on any Security of any series and of any Coupons attached thereto and not applied but remaining unclaimed for two years after the date upon which such principal or interest shall have become due and payable, shall, upon the written request of the Issuer and unless otherwise required by mandatory provisions of applicable escheat or abandoned or unclaimed property law, be repaid to the Issuer by the Trustee for such series or such paying agent, and the Holder of the Securities of such series and of any Coupons appertaining thereto shall, unless otherwise required by mandatory provisions of applicable escheat or abandoned or unclaimed property laws, thereafter look only to the Issuer for any payment which such Holder may be entitled to collect, and all liability of the Trustee or any paying agent with respect to such moneys shall thereupon cease; *provided*, that the Trustee or such paying agent, before being required to make any such repayment with respect to moneys deposited with it for any payment (a) in respect of Registered Securities of any series, shall at the expense of the Issuer, mail by first-class mail to Holders of such Securities at their addresses as they shall appear on the Security register, and (b) in respect of Unregistered Securities of any series, shall at the expense of the Issuer cause to be published once, in an Authorized Newspaper in the Borough of Manhattan, The City of New York, notice, that such moneys remain and that, after a date specified therein, which shall not be less than thirty days from the date of such mailing or publication, any unclaimed balance of such money then remaining will be repaid to the Issuer.

SECTION 10.5. INDEMNITY FOR U.S. GOVERNMENT OBLIGATIONS. The Issuer shall pay and indemnify the Trustee against any tax, fee or other charge imposed on or assessed against the U.S. Government Obligations deposited pursuant to Section 10.1 or the principal or interest received in respect of such obligations.

SECTION 10.6. EFFECT ON SUBORDINATION PROVISIONS. Unless otherwise expressly established pursuant to Section 2.3 with respect to the Securities of any series, the provisions of Section 11.13 hereof and the Subordination Provisions established pursuant to Section 2.3(9) with respect to such series, are hereby expressly made subject to the provisions for satisfaction and discharge and defeasance and covenant defeasance set forth in Section 10.1 hereof and, anything herein to the contrary notwithstanding, upon the effectiveness of such

satisfaction and discharge and defeasance and covenant defeasance pursuant to Section 10.1 with respect to the Securities of such series, such Securities shall thereupon cease to be so subordinated and shall no longer be subject to the provisions of Section 11.13 or the Subordination Provisions established pursuant to Section 2.3(9) with respect to such series and, without limitation to the foregoing, all moneys, U.S. Government Obligations and other securities or property deposited with the Trustee (or other qualifying trustee) in trust in connection with such satisfaction and discharge, defeasance or covenant defeasance, as the case may be, and all proceeds therefrom may be applied to pay the principal of, premium, if any, and interest, if any, on, and mandatory sinking fund payments, if any, with respect to the Securities of such series as and when the same shall become due and payable notwithstanding the provisions of Section 11.13 or such Subordination Provisions.

ARTICLE XI

MISCELLANEOUS PROVISIONS

SECTION 11.1. INCORPORATORS, STOCKHOLDERS, OFFICERS AND DIRECTORS OF ISSUER EXEMPT FROM INDIVIDUAL LIABILITY. No recourse under or upon any obligation, covenant or agreement contained in this Indenture, or in any Security, or because of any indebtedness evidenced thereby, shall be had against any incorporator, as such, or against any past, present or future stockholder, officer or director, as such, of the Issuer or of any successor, either directly or through the Issuer or any successor, under any rule of law, statute or constitutional provision or by the enforcement of any assessment or by any legal or equitable proceeding or otherwise, all such liability being expressly waived and released by the acceptance of the Securities and the Coupons, if any, appertaining thereto by the Holders thereof and as part of the consideration for the issue of the Securities and the Coupons appertaining thereto.

SECTION 11.2. PROVISIONS OF INDENTURE FOR THE SOLE BENEFIT OF PARTIES AND HOLDERS OF SECURITIES AND COUPONS. Nothing in this Indenture, in the Securities or in the Coupons appertaining thereto, expressed or implied, shall give or be construed to give to any person, firm or corporation, other than the parties thereto and their successors and the Holders of the Securities or Coupons, if any, and the holders of Senior Indebtedness with respect to such series, any legal or equitable right, remedy or claim under this Indenture or under any covenant or provision herein contained, all such covenants and provisions being for the sole benefit of the parties hereto and their successors and of the Holders of the Securities or Coupons, if any, and the holders of Senior Indebtedness with respect to such series.

SECTION 11.3. SUCCESSORS AND ASSIGNS OF ISSUER BOUND BY INDENTURE. All the covenants, stipulations, promises and agreements in this Indenture contained by or in behalf of the Issuer shall bind its successors and assigns, whether so expressed or not.

SECTION 11.4. NOTICES AND DEMANDS ON ISSUER, TRUSTEE AND HOLDERS OF SECURITIES AND COUPONS. Any notice or demand which by any provision of this Indenture is required or permitted to be given or served by the Trustee or by the

Holders of Securities or Coupons, if any, to or on the Issuer shall be in writing (including telecopy) and may be given or served by being deposited postage prepaid, first-class mail (except as otherwise specifically provided herein) addressed (until another address of the Issuer is filed by the Issuer with the Trustee) to CVR Energy, Inc., 2277 Plaza Drive, Suite 500, Sugar Land, Texas, 77479, Attention: Secretary, Telecopy: (913) 981-0002. Any notice, direction, request or demand by the Issuer or any Holder of Securities or Coupons, if any, to or upon the Trustee shall be in writing (including telecopy) and shall be deemed to have been sufficiently given or served by being deposited postage prepaid, first-class mail (except as otherwise specifically provided herein) addressed (until another address of the Trustee is filed by the Trustee with the Issuer) to Wells Fargo Bank, N.A., 45 Broadway, 14th Floor, New York, NY 10006, Attention: Corporate Trust Services, Telecopy: (212) 515-1589.

Where this Indenture provides for notice to Holders of Registered Securities, such notice shall be sufficiently given (unless otherwise herein expressly provided) if in writing and mailed, first-class mail, postage prepaid, to each Holder entitled thereto, at his last address as it appears in the Security register.

Where this Indenture provides for notice to holders of Unregistered Securities, such notice shall be sufficiently given (unless otherwise expressly provided herein) by giving notice to such Holders (a) by publication of such notice at least once in an Authorized Newspaper in the Borough of Manhattan, The City of New York, and (b) by mailing such notice to the Holders of Unregistered Securities who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act at such addresses as were so furnished to the Trustee.

In any case where notice to such 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. 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 or irregularities in regular mail service, it shall be impracticable to mail notice to the Issuer when such notice is required to the given pursuant to any provision of this Indenture, then any manner of giving such notice as shall be reasonably satisfactory to the Trustee shall be deemed to be a sufficient giving of such notice.

SECTION 11.5. OFFICER'S CERTIFICATES AND OPINIONS OF COUNSEL; STATEMENTS TO BE CONTAINED THEREIN. Upon any application or demand by the Issuer to the Trustee to take any action under any of the provisions of this Indenture, the Issuer shall furnish to the Trustee an Officer's Certificate stating that all conditions precedent 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 have been complied with, except that in the case of any such application or demand as to which the furnishing of such documents is specifically required by any provision of this Indenture relating

to such particular application or demand, no additional certificate or opinion need be furnished.

Each certificate or opinion provided for in this Indenture and delivered to the Trustee with respect to compliance with a condition or covenant provided for in this Indenture shall include (a) a statement that the person making such certificate or opinion has read such covenant or condition, (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 such person, he has made such examination or investigation as is necessary to enable him to express an informed opinion as to whether or not such covenant or condition has been complied with and (d) a statement as to whether or not, in the opinion of such person, such condition or covenant has been complied with.

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

Any certificate, statement or opinion of an officer of the Issuer or of counsel may be based, insofar as it relates to accounting matters, upon a certificate or opinion of or representations by an accountant or firm of accountants in the employ of the Issuer, unless such officer or counsel, as the case may be, knows that the certificate or opinion of or representations with respect to the accounting matters upon which his certificate, statement or opinion may be based as aforesaid are erroneous, or in the exercise of reasonable care should know that the same are erroneous.

Any certificate or opinion of any independent firm of public accountants filed with and directed to the Trustee shall contain a statement that such firm is independent.

SECTION 11.6. PAYMENTS DUE ON SATURDAYS, SUNDAYS AND HOLIDAYS. If the date of maturity of interest on or principal of the Securities of any series or any Coupons appertaining thereto or the date fixed for redemption or repayment of any such Security or Coupon shall not be a Business Day, then payment of interest or principal need not be made on such date, but may be made on the next succeeding Business Day with the same force and effect as if made on the date of maturity or the date fixed for redemption, and no interest shall accrue for the period after such date.

SECTION 11.7. CONFLICT OF ANY PROVISION OF INDENTURE WITH TRUST INDENTURE ACT. If and to the extent that any provision of this Indenture limits, qualifies or conflicts with duties imposed by, or with another provision (an "incorporated

provision”) included in this Indenture by operation of Sections 310 to 318, inclusive, of the Trust Indenture Act, such imposed duties or incorporated provision shall control.

SECTION 11.8. NEW YORK LAW TO GOVERN; WAIVER OF JURY TRIAL. THIS INDENTURE AND EACH SECURITY AND COUPON SHALL BE DEEMED TO BE A CONTRACT UNDER THE LAWS OF THE STATE OF NEW YORK, AND FOR ALL PURPOSES SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF SUCH STATE, INCLUDING, WITHOUT LIMITATION, SECTIONS 5-1401 AND 5-1402 OF THE NEW YORK GENERAL OBLIGATIONS LAW AND NEW YORK CIVIL PRACTICE LAWS AND RULES 327(b).

EACH OF THE ISSUER AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS INDENTURE, THE NOTES OR THE TRANSACTION CONTEMPLATED HEREBY.

SECTION 11.9. COUNTERPARTS. This Indenture may be executed in any number of counterparts, each of which shall be an original; but such counterparts shall together constitute but one and the same instrument. The exchange of copies of this Indenture and of signature pages by facsimile or PDF transmission shall constitute effective execution and delivery of this Indenture as to the parties hereto and may be used in lieu of the original Indenture for all purposes. Signatures of the parties hereto transmitted by facsimile or PDF shall be deemed to be their original signatures for all purposes.

SECTION 11.10. EFFECT OF HEADINGS. The Article and Section headings herein and the Table of Contents are for convenience only and shall not affect the construction hereof.

SECTION 11.11. SECURITIES IN A FOREIGN CURRENCY. Unless otherwise specified in an Officer’s Certificate delivered pursuant to Section 2.3 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 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 11.11, 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 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 or quotations 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 the euro shall be any member state of the European Union that has adopted the euro, 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 11.12. JUDGMENT CURRENCY. The Issuer 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 New York 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 New York Banking Day 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 (whether or not entered in accordance with subsection (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. For purposes of the foregoing, "New York Banking Day" means any day except a Saturday, Sunday or a legal holiday in The City of New York or a day on which banking institutions in The City of New York are authorized or required by law or executive order to close.

SECTION 11.13. AGREEMENT TO SUBORDINATE. The Issuer, for itself, its successors and assigns, covenants and agrees, and each Holder of Securities of any series by his acceptance thereof, likewise covenants and agrees, that the payment of the principal of (and premium, if any) and interest, if any, on, and mandatory sinking fund payments, if any, in respect of each and all of the Securities of such series shall be expressly subordinated, to the extent and in the manner provided in the Subordination Provisions established with respect to the Securities of such series pursuant to Section 2.3(9) hereof, in right of payment to the prior payment in full of all Senior Indebtedness with respect to such series.

SECTION 11.14. FORCE MAJEURE. In no event shall the Trustee be responsible or liable for any failure or delay in the performance of its obligations hereunder arising out of or caused by, directly or indirectly, forces beyond its control, including, without limitation, strikes, work stoppages, accidents, acts of war or terrorism, civil or military disturbances, nuclear or

natural catastrophes or acts of God, and interruptions, loss or malfunctions of utilities, communications or computer (software and hardware) services; it being understood that the Trustee shall use reasonable efforts which are consistent with accepted practices in the banking industry to resume performance as soon as practicable under the circumstances.

ARTICLE XII

REDEMPTION OF SECURITIES AND SINKING FUNDS

SECTION 12.1. APPLICABILITY OF ARTICLE. The provisions of this Article shall be applicable to the Securities of any series which are redeemable before their maturity or to any sinking fund for the retirement of Securities of a series except as otherwise specified as contemplated by Section 2.3 for Securities of such series.

SECTION 12.2. NOTICE OF REDEMPTION; PARTIAL REDEMPTIONS. Notice of redemption to the Holders of Registered Securities of any series to be redeemed as a whole or in part at the option of the Issuer shall be given by mailing notice of such redemption by first class mail, postage prepaid, at least 30 days and not more than 60 days prior to the date fixed for redemption to such Holders of Securities of such series at their last addresses as they shall appear upon the registry books. Notice of redemption to the Holders of Unregistered Securities to be redeemed as a whole or in part, who have filed their names and addresses with the Trustee pursuant to Section 313(c)(2) of the Trust Indenture Act shall be given by mailing notice of such redemption, by first class mail, postage prepaid, at least 30 days and not more than 60 prior to the date fixed for redemption, to such Holders at such addresses as were so furnished to the Trustee (and, in the case of any such notice given by the Issuer, the Trustee shall make such information available to the Issuer for such purpose). Notice of redemption to all other Holders of Unregistered Securities shall be published in an Authorized Newspaper in the Borough of Manhattan, The City of New York, in each case, once in each of three successive calendar weeks, the first publication to be not less than 30 nor more than 60 days prior to the date fixed for redemption. Any notice which is mailed in the manner herein provided shall be conclusively presumed to have been duly given, whether or not the Holder receives the notice. Failure to give notice by mail, or any defect in the notice to the Holder of any Security of a series designated for redemption as a whole or in part shall not affect the validity of the proceedings for the redemption of such Security of such series.

The notice of redemption to each such Holder shall identify the Securities to be redeemed (including CUSIP number(s)) and specify the aggregate principal amount of Securities of such series to be redeemed, the date fixed for redemption, the redemption price, the place or places of payment, that payment will be made upon presentation and surrender of such Securities and, in the case of Securities with Coupons attached thereto, of all Coupons appertaining thereto maturing after the date fixed for redemption, that such redemption is pursuant to the mandatory or optional sinking fund, or both, if such be the case, that interest accrued to the date fixed for redemption will be paid as specified in such notice and that on and after said date interest thereon or on the portions thereof to be redeemed will cease to accrue. In case any Security of a series is to be redeemed in part only, the notice of redemption to Holders of Securities of the series shall state the portion of the principal amount thereof to be redeemed and shall state that on and after

the date fixed for redemption, upon surrender of such Security, a new Security or Securities of such series in principal amount equal to the unredeemed portion thereof will be issued.

The notice of redemption of Securities of any series to be redeemed at the option of the Issuer shall be given by the Issuer or, at the Issuer's request, by the Trustee in the name and at the expense of the Issuer.

On or before 11:00 a.m., New York City time, on the redemption date specified in the notice of redemption given as provided in this Section, the Issuer will deposit with the Trustee or with one or more paying agents (or, if the Issuer is acting as its own paying agent, set aside, segregate and hold in trust as provided in Section 3.4) an amount of money sufficient to redeem on the redemption date all the Securities of such series so called for redemption at the appropriate redemption price, together with accrued interest to the date fixed for redemption. The Issuer will deliver to the Trustee at least 20 days prior to the date fixed for redemption, or such shorter period as shall be acceptable to the Trustee, an Officer's Certificate stating the aggregate principal amount of Securities to be redeemed. In case of a redemption at the election of the Issuer prior to the expiration of any restriction on such redemption, the Issuer shall deliver to the Trustee, prior to the giving of any notice of redemption to Holders pursuant to this Section, an Officer's Certificate stating that such restriction has been complied with.

If less than all the Securities of a series are to be redeemed, the Trustee shall select, in such manner as it shall be deemed appropriate and fair, in its sole discretion, Securities of such series to be redeemed in whole or in part. Securities may be redeemed in part in multiples equal to the minimum authorized denomination for Securities of such series or any multiple thereof. The Trustee shall promptly notify the Issuer in writing of the Securities of such series selected for redemption and, in the case of any Securities of such series selected for partial redemption, the principal amount thereof to be redeemed. For all purposes of this Indenture, unless the context otherwise requires, all provisions relating to the redemption of Securities of any series shall relate, in the case of any Security redeemed or to be redeemed only in part, to the portion of the principal amount of such Security which has been or is to be redeemed.

SECTION 12.3. PAYMENT OF SECURITIES CALLED FOR REDEMPTION. If notice of redemption has been given as above provided, the Securities or portions of Securities specified in such notice shall become due and payable on the date and at the place stated in such notice at the applicable redemption price, together with interest accrued to the date fixed for redemption, and on and after said date (unless the Issuer shall default in the payment of such Securities at the redemption price, together with interest accrued to said date) interest on the Securities or portions of Securities so called for redemption shall cease to accrue, and the unmatured Coupons, if any, appertaining thereto shall be void, and, except as provided in Sections 6.5 and 10.4, such Securities shall cease from and after the date fixed for redemption to be entitled to any benefit or security under this Indenture, and the Holders thereof shall have no right in respect of such Securities except the right to receive the redemption price thereof and unpaid interest to the date fixed for redemption. On presentation and surrender of such Securities at a place of payment specified in said notice, together with all Coupons, if any, appertaining thereto maturing after the date fixed for redemption, said Securities or the specified portions thereof shall be paid and redeemed by the Issuer at the applicable redemption price,

together with interest accrued thereon to the date fixed for redemption; *provided*, that payment of interest becoming due on or prior to the date fixed for redemption shall be payable in the case of Securities with Coupons attached thereto, to the Holders of the Coupons for such interest upon surrender thereof, and in the case of Registered Securities, to the Holder of such Registered Securities registered as such on the relevant record date, subject to the terms and provisions of Section 2.3 and 2.7 hereof.

If any Security called for redemption shall not be so paid upon surrender thereof for redemption, the principal shall, until paid or duly provided for, bear interest from the date fixed for redemption at the rate of interest or Yield to Maturity (in the case of an Original Issue Discount Security) borne by such Security.

If any Security with Coupons attached thereto is surrendered for redemption and is not accompanied by all appurtenant Coupons maturing after the date fixed for redemption, the surrender of such missing Coupon or Coupons may be waived by the Issuer and the Trustee, if there be furnished to each of them such security or indemnity as they may require to save each of them harmless.

Upon presentation of any Security redeemed in part only, the Issuer shall execute and the Trustee shall authenticate and deliver to or on the order of the Holder thereof, at the expense of the Issuer, a new Security or Securities of such series, of authorized denominations, in principal amount equal to the unredeemed portion of the Security so presented.

SECTION 12.4. EXCLUSION OF CERTAIN SECURITIES FROM ELIGIBILITY FOR SELECTION FOR REDEMPTION. Securities shall be excluded from eligibility for selection for redemption if they are identified by registration and certificate number in an Officer's Certificate delivered to the Trustee at least 40 days prior to the last date on which notice of redemption may be given as being owned of record and beneficially by, and not pledged or hypothecated by, either (a) the Issuer or (b) an entity specifically identified in such written statement as directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer.

SECTION 12.5. MANDATORY AND OPTIONAL SINKING FUNDS. The minimum amount of any sinking fund payment provided for by the terms of the 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 the Securities of any series is herein referred to as an "optional sinking fund payment." The date on which a sinking fund payment is to be made is herein referred to as the "sinking fund payment date."

In lieu of making all or any part of any mandatory sinking fund payment with respect to any series of Securities in cash, the Issuer may at its option (a) deliver to the Trustee Securities of such series theretofore purchased or otherwise acquired (except upon redemption pursuant to the mandatory sinking fund) by the Issuer or receive credit for Securities of such series (not previously so credited) theretofore purchased or otherwise acquired (except as aforesaid) by the Issuer and delivered to the Trustee for cancellation pursuant to Section 2.10, (b) receive credit for optional sinking fund payments (not previously so credited) made pursuant to this Section, or

(c) receive credit for Securities of such series (not previously so credited) redeemed by the Issuer through any optional redemption provision contained in the terms of such series. Securities so delivered or credited shall be received or credited by the Trustee at the sinking fund redemption price specified in such Securities.

On or before the 60th day next preceding each sinking fund payment date for any series, the Issuer will deliver to the Trustee an Officer's Certificate (which need not contain the statements required by Section 11.5) (a) specifying the portion of the mandatory sinking fund payment to be satisfied by payment of cash and the portion to be satisfied by credit of Securities of such series and the basis for such credit, (b) stating that none of the Securities of such series has theretofore been so credited, (c) stating that no defaults in the payment of interest or Events of Default with respect to such series have occurred (which have not been waived or cured) and are continuing and (d) stating whether or not the Issuer intends to exercise its right to make an optional sinking fund payment with respect to such series and, if so, specifying the amount of such optional sinking fund payment which the Issuer intends to pay on or before the next succeeding sinking fund payment date. Any Securities of such series to be credited and required to be delivered to the Trustee in order for the Issuer to be entitled to credit therefor as aforesaid which have not theretofore been delivered to the Trustee shall be delivered for cancellation pursuant to Section 2.10 to the Trustee with such Officer's Certificate (or reasonably promptly thereafter if acceptable to the Trustee). Such Officer's Certificate shall be irrevocable and upon its receipt by the Trustee, the Issuer shall become unconditionally obligated to make all the cash payments or payments therein referred to, if any, on or before the next succeeding sinking fund payment date. Failure of the Issuer, on or before any such 60th day, to deliver such Officer's Certificate and Securities specified in this paragraph, if any, shall not constitute a default but shall constitute, on and as of such date, the irrevocable election of the Issuer (i) that the mandatory sinking fund payment for such series due on the next succeeding sinking fund payment date shall be paid entirely in cash without the option to deliver or credit Securities of such series in respect thereof and (ii) that the Issuer will make no optional sinking fund payment with respect to such series as provided in this Section.

If the sinking fund payment or payments (mandatory or optional or both) to be made in cash on the next succeeding sinking fund payment date plus any unused balance of any preceding sinking fund payments made in cash shall exceed \$50,000 (or the equivalent thereof in any Foreign Currency) or a lesser sum in Dollars (or the equivalent thereof in any Foreign Currency) if the Issuer shall so request with respect to the Securities of any particular series, such cash shall be applied on the next succeeding sinking fund payment date to the redemption of Securities of such series at the sinking fund redemption price together with accrued interest to the date fixed for redemption. If such amount shall be \$50,000 (or the equivalent thereof in any Foreign Currency) or less and the Issuer makes no such request then it shall be carried over until a sum in excess of \$50,000 (or the equivalent thereof in any Foreign Currency) is available. The Trustee shall select, in the manner provided in Section 12.2, for redemption on such sinking fund payment date a sufficient principal amount of Securities of such series to absorb said cash, as nearly as may be, and shall (if requested in writing by the Issuer) inform the Issuer of the serial numbers of the Securities of such series (or portions thereof) so selected. Securities shall be excluded from eligibility for redemption under this Section if they are identified by registration and certificate number in an Officer's Certificate delivered to the Trustee at least 60 days prior to

the sinking fund payment date as being owned of record and beneficially by, and not pledged or hypothecated by, either (a) the Issuer or (b) an entity specifically identified in such Officer's Certificate as directly or indirectly controlling or controlled by or under direct or indirect common control with the Issuer. The Trustee, in the name and at the expense of the Issuer (or the Issuer, if it shall so request the Trustee in writing) shall cause notice of redemption of the Securities of such series to be given in substantially the manner provided in Section 12.2 (and with the effect provided in Section 12.3) for the redemption of Securities of such series in part at the option of the Issuer. The amount of any sinking fund payments not so applied or allocated to the redemption of Securities of such series shall be added to the next cash sinking fund payment for such series and, together with such payment, shall be applied in accordance with the provisions of this Section. Any and all sinking fund moneys held on the stated maturity date of the Securities of any particular series (or earlier, if such maturity is accelerated), which are not held for the payment or redemption of particular Securities of such series shall be applied, together with other moneys, if necessary, sufficient for the purpose, to the payment of the principal of, and interest on, the Securities of such series at maturity.

On or before each sinking fund payment date, the Issuer shall pay to the Trustee in cash or shall otherwise provide for the payment of all interest accrued to the date fixed for redemption on Securities to be redeemed on the next following sinking fund payment date.

The Trustee shall not redeem or cause to be redeemed any Securities of a series with sinking fund moneys or give any notice of redemption of Securities for such series by operation of the sinking fund during the continuance of a default in payment of interest on such Securities or of any Event of Default except that, where the giving of notice of redemption of any Securities shall theretofore have been made, the Trustee shall redeem or cause to be redeemed such Securities, *provided* that it shall have received from the Issuer a sum sufficient for such redemption. Except as aforesaid, any moneys in the sinking fund for such series at the time when any such default or Event of Default shall occur, and any moneys thereafter paid into the sinking fund, shall, during the continuance of such default or Event of Default be deemed to have been collected under Article Five and held for the payment of all such Securities. In case such Event of Default shall have been waived as provided in Section 5.10 or the default cured on or before the sixtieth day preceding the sinking fund payment date in any year, such moneys shall thereafter be applied on the next succeeding sinking fund payment date in accordance with this Section to the redemption of such Securities.

IN WITNESS WHEREOF, the parties hereto have caused this Indenture to be duly executed and attested as of the date first written above.

CVR ENERGY, INC.

By: _____
Name:
Title:

WELLS FARGO BANK, N.A., as Trustee

By: _____
Name:
Title:

February 12, 2009

CVR Energy, Inc.
2277 Plaza Drive, Suite 500
Sugar Land, Texas 77479

Ladies and Gentlemen:

We have acted as counsel to CVR Energy, Inc., a Delaware corporation (the "Company"), in connection with the Company's Amendment No. 1 on Form S-3 to Form S-1, file no. 333-151787, as may be amended from time to time (the "Registration Statement"), under the Securities Act of 1933, as amended (the "Securities Act"), with respect to the contemplated issuance by the Company from time to time, as set forth in the prospectus contained in the Registration Statement (the "Prospectus") and as may be set forth in one or more supplements to the Prospectus (each, a "Prospectus Supplement") of up to \$250 million of (i) shares of the Company's common stock, par value \$.01 per share (the "Common Stock"), (ii) shares of the Company's preferred stock, par value \$.01 per share (the "Preferred Stock"), (iii) one or more series of senior or subordinated debt securities of the Company (the "Debt Securities"), (iv) warrants of the Company to purchase Common Stock, Preferred Stock and/or Debt Securities (collectively, the "Warrants") and (v) rights (the "Rights") to purchase Common Stock, Preferred Stock and/or Debt Securities pursuant to a rights offering (the "Rights Offering") to stockholders of record on the record date for the Rights Offering. With your permission, all assumptions and statements of reliance herein have been made without any independent investigation or verification on our part except to the extent otherwise expressly stated, and we express no opinion with respect to the subject matter or accuracy of such assumptions or items relied upon.

The Debt Securities may be issued pursuant to a senior debt indenture, dated February 12, 2009, by and between the Company and Wells Fargo Bank, N.A., as trustee (the "Trustee") (as may be amended or supplemented from time to time, the "Senior Indenture") attached as Exhibit 4.1 to the Registration Statement, or a subordinated debt indenture, dated February 12, 2009, by and between the Company and the Trustee (as may be amended or supplemented from time to time, the "Subordinated Indenture," and, together with the Senior Indenture, each an "Indenture" and collectively, the "Indentures"), attached as Exhibit 4.2 to the Registration Statement. The Warrants may be issued under one or more warrant

agreements (each, a "Warrant Agreement" and collectively, the "Warrant Agreements") by and between the Company and a financial institution identified therein as warrant agent (each, a "Warrant Agent"). The Rights may be issued under one or more rights agreements (each, a "Rights Agreement" and collectively, the "Rights Agreements") by and between the Company and a financial institution identified therein as rights agent (each, a "Rights Agent"). The Indentures, the Warrants, the Warrant Agreements, the Rights and the Rights Agreements and any other documents contemplated thereby or hereby are collectively referred to herein as the "Documents."

In connection with this opinion, we have (i) investigated such questions of law, (ii) examined originals or certified, conformed or reproduction copies of such agreements, instruments, documents and records of the Company, such certificates of public officials and such other documents and (iii) received such information from officers and representatives of the Company as we have deemed necessary or appropriate for the purposes of this opinion.

In all such examinations, we have assumed the legal capacity of all natural persons executing the Documents, the genuineness of all signatures, the authenticity of original and certified documents and the conformity to original or certified documents of all copies submitted to us as conformed or reproduction copies. As to various questions of fact relevant to the opinions expressed herein, we have relied upon, and assume the accuracy of, representations and warranties in the Indentures, certificates and oral or written statements and other information of or from public officials and officers and representatives of the Company and others and assume compliance on the part of all parties to the Documents with their covenants and agreements contained therein.

To the extent it may be relevant to the opinions expressed below, we have assumed (i) that the Company will have sufficient authorized but unissued and unreserved shares of Common Stock and/or Preferred Stock on the date of any issuance of Common Stock, Preferred Stock, Warrants to acquire Common Stock or Preferred Stock, Rights to acquire Common Stock or Preferred Stock, Preferred Stock convertible into Common Stock or Debt Securities convertible into Common Stock or Preferred Stock, as applicable in each case, registered pursuant to the Registration Statement and (ii) that the parties to the Documents other than the Company have the power and authority to enter into and perform such Documents and to consummate the transactions contemplated thereby, that the Documents have been duly authorized, executed and delivered by, and constitute legal, valid and binding obligations of such parties enforceable against such parties in accordance with their terms, and that such parties will comply with all of their obligations under the Documents and all laws applicable thereto.

Based upon the foregoing and subject to the limitations, qualifications

and assumptions set forth herein, we are of the opinion that:

1. When (i) the Registration Statement has become effective under the Securities Act, (ii) the terms of the issuance and sale of the shares of Common Stock by the Company (including any Common Stock duly issued upon the exercise of any Warrants or any Rights exercisable for Common Stock or upon exchange or conversion of any Debt Securities or shares of Preferred Stock that are exchangeable or convertible into Common Stock) registered pursuant to the Registration Statement have been duly approved by the Board of Directors of the Company or an authorized committee thereof (the "Board") in conformity with the Company's Amended and Restated Certificate of Incorporation (the "Certificate of Incorporation") and the Company's Amended and Restated Bylaws (the "Bylaws") and all other necessary corporate action on the part of the Company has been taken in connection therewith and in a manner so as not to violate any applicable law or result in a default under or breach of any agreement or instrument then binding on the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company and (iii) such shares of Common Stock have been issued and delivered against payment therefor in an amount in excess of the par value thereof, in accordance with the terms of the agreement under which they are sold and in the manner contemplated by the Registration Statement and/or the applicable Prospectus Supplement, such shares of Common Stock will be validly issued, fully paid and non-assessable.
 2. When (i) the Registration Statement has become effective under the Securities Act, (ii) in accordance with Section 151 of the General Corporation Law of the State of Delaware (the "DGCL") and in conformity with the Certificate of Incorporation and the Bylaws, (a) the Board has fixed the powers, designations, preferences and relative, participating, optional or other rights, if any, and the qualifications, limitations or restrictions, if any, of a series of Preferred Stock (including any Preferred Stock duly issued upon the exercise of any Warrants or any Rights exercisable for Preferred Stock or upon exchange or conversion of any Debt Securities that are exchangeable or convertible into Preferred Stock) registered pursuant to the Registration Statement and adopted a Certificate of Designations (the "Certificate of Designations") in the form required by applicable law and (b) proper and valid filing with the Office of the Secretary of State of the State of Delaware of such Certificate of Designations has been made, (iii) the terms of the issuance and sale of such shares of Preferred Stock have been duly approved by the Board in conformity with the Certificate of Incorporation and the Bylaws and all other necessary corporate action on the part of the Company has been taken in connection therewith and in a manner so as not
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to violate any applicable law or result in a default under or breach of any agreement or instrument then binding on the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company and (iv) such shares of Preferred Stock have been issued and delivered against payment therefor in an amount in excess of the par value thereof, in accordance with the terms of the agreement under which they are sold and in the manner contemplated by the Registration Statement and/or the applicable Prospectus Supplement, such shares of Preferred Stock will be validly issued, fully paid and non-assessable.

3. When (i) the Registration Statement has become effective under the Securities Act, (ii) the terms of the issuance and sale of the Debt Securities (including any Debt Securities duly issued upon the exercise of any Warrants or any Rights exercisable for Debt Securities or upon exchange or conversion of shares of Preferred Stock that are exchangeable or convertible into Debt Securities) have been established in conformity with the applicable supplement to the Indenture and duly approved by the Board in conformity with the Certificate of Incorporation and the Bylaws and all other necessary corporate action on the part of the Company has been taken in connection therewith and in a manner so as not to violate any applicable law or result in a default under or breach of any agreement or instrument then binding on the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company, (iii) the applicable Indenture has been duly authorized, executed and delivered by the Company and the Trustee and (iv) the Debt Securities have been duly authenticated by the Trustee and duly executed and delivered on behalf of the Company against payment therefor in accordance with the terms of the applicable Indenture, in accordance with the terms of the agreement under which they are sold and in the manner contemplated by the Registration Statement and/or the applicable Prospectus Supplement, such Debt Securities will constitute valid and binding obligations of the Company.
 4. When (i) the Registration Statement has become effective under the Securities Act, (ii) the terms of the issuance and sale of the Warrants registered pursuant to the Registration Statement have been established in conformity with the applicable Warrant Agreement and duly approved by the Board in conformity with the Certificate of Incorporation and the Bylaws and all other necessary corporate action on the part of the Company has been taken in connection therewith and in a manner so as not to violate any applicable law or result in a default under or breach of any agreement or instrument then binding on the Company and so as to comply with any
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requirement or restriction imposed by any court or governmental body having jurisdiction over the Company, (iii) the applicable Warrant Agreement has been duly authorized, executed and delivered by the Company and the Warrant Agent, (iv) such Warrants have been duly authenticated by the Warrant Agent and duly executed and delivered by the Company against payment therefor in accordance with the terms of the applicable Warrant Agreement, in accordance with the terms of the agreement under which they are sold and in the manner contemplated by the Registration Statement and/or the applicable Prospectus Supplement, (v) the terms of the Common Stock, the Preferred Stock or the Debt Securities issuable upon exercise of the Warrants have been duly approved by the Board in conformity with the Certificate of Incorporation and the Bylaws as specified above, (vi) the Common Stock and the Preferred Stock issuable upon exercise of the Warrants have been properly reserved for issuance and (vii) upon exercise of such Warrants into shares of Common Stock or Preferred Stock, such shares of Common Stock or Preferred Stock have been issued and delivered against payment therefor in an amount in excess of the par value thereof, such Warrants will constitute valid and binding obligations of the Company.

5. When (i) the Registration Statement has become effective under the Securities Act, (ii) the terms of the issuance and sale of the Rights registered pursuant to the Registration Statement have been established in conformity with the applicable Rights Agreement and duly approved by the Board in conformity with the Certificate of Incorporation and the Bylaws and all other necessary corporate action on the part of the Company has been taken in connection therewith and in a manner so as not to violate any applicable law or result in a default under or breach of any agreement or instrument then binding on the Company and so as to comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company, (iii) the applicable Rights Agreement has been duly authorized, executed and delivered by the Company and the Rights Agent, (iv) such Rights have been duly authenticated by the Rights Agent and duly executed and delivered by the Company against payment therefor in accordance with the terms of the applicable Rights Agreement, in accordance with the terms of the agreement under which they are sold and in the manner contemplated by the Registration Statement and/or the applicable Prospectus Supplement, (v) the terms of the Common Stock, the Preferred Stock or the Debt Securities issuable upon exercise of the Rights have been duly approved by the Board in conformity with the Certificate of Incorporation and the Bylaws as specified above, (vi) the Common Stock and the Preferred Stock issuable upon exercise of the Rights have been properly reserved for issuance and (vii) upon exercise of such Rights into shares of
-

Common Stock or Preferred Stock, such shares of Common Stock or Preferred Stock have been issued and delivered against payment therefor in an amount in excess of the par value thereof, such Rights will constitute valid and binding obligations of the Company.

We express no opinion as to the validity, binding effect or enforceability of any provision of the Documents:

(i) relating to indemnification, contribution or exculpation;

(ii) containing any purported waiver, release, variation, disclaimer, consent or other agreement of similar effect (all of the foregoing, collectively, a "Waiver") by any party under any of such agreements or instruments to the extent limited by provisions of applicable law (including judicial decisions), or to the extent that such a Waiver applies to a right, claim, duty, defense or ground for discharge otherwise existing or occurring as a matter of law (including judicial decisions), except to the extent that such a Waiver is effective under, and is not prohibited by or void or invalid under, provisions of applicable law (including judicial decisions);

(iii) related to (I) forum selection or submission to jurisdiction (including, without limitation, any waiver of any objection to venue in any court or of any objection that a court is an inconvenient forum) to the extent that the legality, validity, binding effect or enforceability of any such provision is to be determined by any court other than a court of the State of New York, or (II) choice of governing law to the extent that the legality, validity, binding effect or enforceability of any such provision is to be determined by any court other than a court of the State of New York or a federal district court sitting in the State of New York, in each case, applying the choice of law principles of the State of New York;

(iv) specifying that provisions thereof may be waived only in writing, to the extent that an oral agreement or an implied agreement by trade practice or course of conduct has been created that modifies any provision of such agreement;

(v) purporting to give any person or entity the power to accelerate obligations without any notice to the obligor; and

(vi) which may be construed to be in the nature of a penalty.

We express no opinion as to the enforceability of any provision of any agreement (i) providing for payments thereunder in a currency other than currency of the United States of America to the extent that a court of competent jurisdiction, under applicable law, will convert any judgment rendered in such other currency into currency of the United States of America or to the extent that payment in a currency other than currency of the United States of America is contrary to applicable law, (ii) providing for

governmental authority to limit, delay or prohibit the making of payments outside the United States or in foreign currency or composite currency or (iii) concerning the enforceability of the waiver of rights or defenses contained in the Indentures relating to waiver of stay, extension or usury laws.

The opinions set forth above are subject to (i) applicable bankruptcy, insolvency, reorganization, moratorium, fraudulent conveyance and other similar laws affecting creditors' rights and remedies generally, and (ii) general principles of equity including, without limitation, standards of materiality, good faith, fair dealing and reasonableness, equitable defenses and limits as to the availability of equitable remedies, whether such principles are considered in a proceeding at law or in equity.

The opinions expressed herein are limited to the federal laws of the United States of America, the laws of the State of New York and, to the extent relevant to the opinions expressed herein, the applicable provisions of the DGCL and the Constitution of the State of Delaware, in each case as currently in effect, and reported judicial decisions interpreting such provisions of the DGCL and the Constitution of the State of Delaware. The opinions expressed herein are limited to the matters stated herein, and no opinion is implied or may be inferred beyond the matters expressly stated herein. The opinions expressed herein are given as of the date hereof, and we undertake no obligation to supplement this letter if any applicable laws change after the date hereof or if we become aware of any facts that might change the opinions expressed herein after the date hereof or for any other reason.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the references to this firm under the captions "Legal Matters" in the Prospectus and "Legal Matters" in any Prospectus Supplement. In giving these consents, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ FRIED, FRANK, HARRIS, SHRIVER & JACOBSON LLP

FRIED, FRANK, HARRIS, SHRIVER & JACOBSON LLP

February 12, 2009

CVR Energy, Inc.
2277 Plaza Drive, Suite 500
Sugar Land, Texas 77479

Ladies and Gentlemen:

We have acted as counsel to CVR Energy, Inc., a Delaware corporation (the "Company"), in connection with the Company's Amendment No. 1 on Form S-3 to Form S-1, file no. 333-151787, as may be amended from time to time (the "Registration Statement"), under the Securities Act of 1933, as amended (the "Securities Act"), with respect to the contemplated sale by the selling stockholders named in the Registration Statement (the "Selling Stockholders") from time to time, as set forth in the prospectus contained in the Registration Statement (the "Prospectus") and as may be set forth in one or more supplements to the Prospectus (each, a "Prospectus Supplement") of up to 15,000,000 shares of the Company's common stock, par value \$.01 per share (the "Shares"). With your permission, all assumptions and statements of reliance herein have been made without any independent investigation or verification on our part except to the extent otherwise expressly stated, and we express no opinion with respect to the subject matter or accuracy of such assumptions or items relied upon.

In connection with this opinion, we have (i) investigated such questions of law, (ii) examined originals or certified, conformed or reproduction copies of such agreements, instruments, documents and records of the Company, such certificates of public officials and such other documents and (iii) received such information from officers and representatives of the Company as we have deemed necessary or appropriate for the purposes of this opinion.

In all such examinations, we have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of original and certified documents and the conformity to original or certified documents of all copies submitted to us as conformed or reproduction copies. As to various questions of fact relevant to the opinion expressed herein, we have relied upon, and assume the accuracy of, certificates and oral or written statements and other information of or from public officials and officers and representatives of the Company.

Based upon the foregoing and subject to the limitations, qualifications and assumptions set forth herein, we are of the opinion that all necessary corporate action on the part of the Company has been taken to authorize the issuance of the Shares, and the Shares are validly issued, fully paid, and nonassessable.

The opinion expressed herein is limited to the federal laws of the United States of America, the laws of the State of New York and, to the extent relevant to the opinion expressed herein, the applicable provisions of the General Corporation Law of the State of Delaware (the "DGCL") and the Constitution of the State of Delaware, in each case as currently in effect, and reported judicial decisions interpreting such provisions of the DGCL and the Constitution of the State of Delaware. The opinion expressed herein is limited to the matters stated herein, and no opinion is implied or may be inferred beyond the matters expressly stated herein. The opinion expressed herein is given as of the date hereof, and we undertake no obligation to supplement this letter if any applicable laws change after the date hereof or if we become aware of any facts that might change the opinion expressed herein after the date hereof or for any other reason.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the references to this firm under the captions "Legal Matters" in the Prospectus and "Legal Matters" in any Prospectus Supplement. In giving these consents, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ FRIED, FRANK, HARRIS, SHRIVER & JACOBSON LLP

FRIED, FRANK, HARRIS, SHRIVER & JACOBSON LLP

Computation of Ratio of Earnings to Fixed Charges

	Original Predecessor		Immediate Predecessor		Successor			
	Year Ended December 31,	62 Days Ended March 2,	304 Days Ended December 31,	174 Days Ended June 23,	233 Days Ended December 31,	Year Ended December 31,	Year Ended December 31,	Nine Months Ended September 30,
	2003	2004	2004	2005	2005	2006	2007	2008
	(in millions)							
Fixed charges								
a) Interest expensed and capitalized	1.3	—	8.8	7.3	24.1	52.2	70.4	30.2
b) Amortized capitalized expenses related to indebtedness (1)	—	—	8.5	8.9	1.7	26.7	4.1	1.5
c) Estimate of interest within rental expense	1.0	0.2	0.8	0.6	0.6	1.3	1.3	1.1
Total fixed charges	2.3	0.2	18.1	16.8	26.4	80.2	75.8	32.8
Adjusted earnings								
a) Pre-tax income (loss) (2)	27.9	11.2	83.5	88.5	(182.2)	311.4	(156.3)	204.2
b) Fixed charges	—	0.2	18.1	16.8	26.4	80.2	75.8	32.8
c) Amortization of capitalized interest	—	—	—	—	—	0.1	0.5	0.9
d) Interest capitalized	—	—	—	(0.3)	(0.8)	(11.6)	(12.0)	(1.6)
Adjusted earnings	27.9	11.4	101.6	105.0	(156.6)	380.1	(92.0)	236.3
Ratio of earnings to fixed charges (3)	12.1x	57.0x	5.6x	6.3x	—	4.7x	—	7.2x

- (1) Includes the write-off of \$7.2 million of deferred financing costs in connection with the refinancing of our senior secured credit facility on May 10, 2004; \$8.1 million of deferred financing costs in connection with the refinancing of our senior secured credit facility on June 23, 2005; \$23.4 million in connection with the refinancing of our senior secured credit facility on December 28, 2006 and \$1.3 million in connection with the repayment and termination of three credit facilities on October 26, 2007.
- (2) Pre-tax income (loss) for the calculation of ratio of income to fixed charges is defined as pre-tax income (loss) from continuing operations before adjustments for minority interest in consolidated subsidiary.
- (3) Earnings were insufficient to cover fixed charges by \$183.0 million and \$167.8 million for the 233 days ended December 31, 2005 and the year ended December 31, 2007, respectively.

Consent of Independent Registered Public Accounting Firm

The Board of Directors
CVR Energy, Inc.:

We consent to the use of our report incorporated by reference herein and to the reference to our firm under the heading "Experts" in the prospectus.

Our report dated March 28, 2008, except as to note 2, which is as of May 8, 2008, contains an explanatory paragraph that states that as discussed in note 1 to the consolidated financial statements, effective June 24, 2005, the Successor acquired the net assets of the Immediate Predecessor in a business combination accounted for as a purchase. As a result of this acquisition, the consolidated financial statements for the periods after the acquisition are presented on a different cost basis than that for the period before the acquisition and, therefore, are not comparable. Our report dated March 28, 2008, except as to note 2, which is as of May 8, 2008, also contains an explanatory paragraph that states as discussed in note 2 to the consolidated financial statements, the Company has restated the accompanying consolidated financial statements as of and for the year ended December 31, 2007.

/s/ KPMG LLP

Kansas City, Missouri
February 12, 2009

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned constitutes and appoints John J. Lipinski, James T. Rens and Edmund S. Gross, and each of them, his true and lawful attorneys-in-fact and agents with full powers of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any or all amendments to this Registration Statement, including post-effective amendments and registration statements filed pursuant to Rule 462(b) and otherwise, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, and hereby ratifies and confirms all his or her said attorneys-in-fact and agents, or any of them, or his substitute or substitutes may lawfully do or cause to be done by virtue thereof.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 7th day of February, 2009.

/s/ C. Scott Hobbs
Name: C. Scott Hobbs

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM T-1

STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939 OF A
CORPORATION DESIGNATED TO ACT AS TRUSTEE

CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY OF A TRUSTEE PURSUANT TO
SECTION 305(b) (2)

WELLS FARGO BANK, NATIONAL ASSOCIATION
(Exact name of trustee as specified in its charter)

A National Banking Association
(Jurisdiction of incorporation or
organization if not a U.S. national
bank)

94-1347393
(I.R.S. Employer
Identification No.)

101 North Phillips Avenue
Sioux Falls, South Dakota
(Address of principal executive offices)

57104
(Zip code)

Wells Fargo & Company
Law Department, Trust Section
MAC N9305-175
Sixth Street and Marquette Avenue, 17th Floor
Minneapolis, Minnesota 55479
(612) 667-4608
(Name, address and telephone number of agent for service)

CVR ENERGY, INC.
(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

61-1512186
(I.R.S. Employer
Identification No.)

2277 Plaza Drive, Suite 500
Sugar Land, Texas
(Address of principal executive offices)

77479
(Zip code)

Senior Debt Securities
(Title of the indenture securities)

Item 1. General Information. Furnish the following information as to the trustee:

- (a) Name and address of each examining or supervising authority to which it is subject.

Comptroller of the Currency
Treasury Department
Washington, D.C.

Federal Deposit Insurance Corporation
Washington, D.C.

Federal Reserve Bank of San Francisco
San Francisco, California 94120

- (b) Whether it is authorized to exercise corporate trust powers.

The trustee is authorized to exercise corporate trust powers.

Item 2. Affiliations with Obligor. If the obligor is an affiliate of the trustee, describe each such affiliation.

None with respect to the trustee.

No responses are included for Items 3-14 of this Form T-1 because the obligor is not in default as provided under Item 13.

Item 15. Foreign Trustee. Not applicable.

Item 16. List of Exhibits. List below all exhibits filed as a part of this Statement of Eligibility.

- | | |
|------------|---|
| Exhibit 1. | A copy of the Articles of Association of the trustee now in effect.* |
| Exhibit 2. | A copy of the Comptroller of the Currency Certificate of Corporate Existence and Fiduciary Powers for Wells Fargo Bank, National Association, dated February 4, 2004.** |
| Exhibit 3. | See Exhibit 2 |
| Exhibit 4. | Copy of By-laws of the trustee as now in effect.*** |
| Exhibit 5. | Not applicable. |
| Exhibit 6. | The consent of the trustee required by Section 321(b) of the Act. |
| Exhibit 7. | A copy of the latest report of condition of the trustee published pursuant to law or the requirements of its supervising or examining authority. |
| Exhibit 8. | Not applicable. |
| Exhibit 9. | Not applicable. |
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-
- * Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form S-4 dated December 30, 2005 of file number 333-130784-06.
 - ** Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form T-3 dated March 3, 2004 of file number 022-28721.
 - *** Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form S-4 dated May 26, 2005 of file number 333-125274.
-

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the trustee, Wells Fargo Bank, National Association, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of New York and State of New York on the 9th day of February, 2009.

WELLS FARGO BANK, NATIONAL ASSOCIATION

/s/ Martin G. Reed

Martin G. Reed
Vice President

EXHIBIT 6

February 9, 2009

Securities and Exchange Commission
Washington, D.C. 20549

Gentlemen:

In accordance with Section 321(b) of the Trust Indenture Act of 1939, as amended, the undersigned hereby consents that reports of examination of the undersigned made by Federal, State, Territorial, or District authorities authorized to make such examination may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Very truly yours,

WELLS FARGO BANK, NATIONAL ASSOCIATION

/s/ Martin G. Reed

Martin G. Reed

Vice President

EXHIBIT 7

Consolidated Report of Condition of

Wells Fargo Bank National Association
of 101 North Phillips Avenue, Sioux Falls, SD 57104
And Foreign and Domestic Subsidiaries,

at the close of business September 30, 2008, filed in accordance with 12 U.S.C. §161 for National Banks.

Dollar Amounts
In Millions

ASSETS		
Cash and balances due from depository institutions:		
Noninterest-bearing balances and currency and coin		\$ 12,749
Interest-bearing balances		1,984
Securities:		
Held-to-maturity securities		0
Available-for-sale securities		76,317
Federal funds sold and securities purchased under agreements to resell:		
Federal funds sold in domestic offices		17,288
Securities purchased under agreements to resell		5,183
Loans and lease financing receivables:		
Loans and leases held for sale		11,992
Loans and leases, net of unearned income	320,888	
LESS: Allowance for loan and lease losses	5,414	
Loans and leases, net of unearned income and allowance		315,474
Trading Assets		6,980
Premises and fixed assets (including capitalized leases)		4,254
Other real estate owned		974
Investments in unconsolidated subsidiaries and associated companies		445
Intangible assets		
Goodwill		10,853
Other intangible assets		20,410
Other assets		29,950
Total assets		<u>\$ 514,853</u>
LIABILITIES		
Deposits:		
In domestic offices		\$ 296,059
Noninterest-bearing	72,132	
Interest-bearing	223,927	
In foreign offices, Edge and Agreement subsidiaries, and IBFs		60,178
Noninterest-bearing	1,122	
Interest-bearing	59,056	
Federal funds purchased and securities sold under agreements to repurchase:		
Federal funds purchased in domestic offices		2,107
Securities sold under agreements to repurchase		5,886

Dollar Amounts
In Millions

Trading liabilities	8,921
Other borrowed money (includes mortgage indebtedness and obligations under capitalized leases)	70,870
Subordinated notes and debentures	11,059
Other liabilities	15,330
Total liabilities	<u>\$ 470,410</u>
Minority interest in consolidated subsidiaries	161
EQUITY CAPITAL	
Perpetual preferred stock and related surplus	0
Common stock	520
Surplus (exclude all surplus related to preferred stock)	27,993
Retained earnings	17,428
Accumulated other comprehensive income	(1,659)
Other equity capital components	0
Total equity capital	<u>44,282</u>
Total liabilities, minority interest, and equity capital	<u>\$ 514,853</u>

I, Howard I. Atkins, EVP & CFO of the above-named bank do hereby declare that this Report of Condition has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true to the best of my knowledge and belief.

Howard I. Atkins
EVP & CFO

We, the undersigned directors, attest to the correctness of this Report of Condition and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Michael Loughlin
John Stumpf
Carrie Tolstedt

Directors

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM T-1

STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939 OF A
CORPORATION DESIGNATED TO ACT AS TRUSTEE

o CHECK IF AN APPLICATION TO DETERMINE ELIGIBILITY OF A TRUSTEE PURSUANT TO
SECTION 305(b) (2)

WELLS FARGO BANK, NATIONAL ASSOCIATION
(Exact name of trustee as specified in its charter)

A National Banking Association
(Jurisdiction of incorporation or
organization if not a U.S. national
bank)

94-1347393
(I.R.S. Employer
Identification No.)

101 North Phillips Avenue
Sioux Falls, South Dakota
(Address of principal executive offices)

57104
(Zip code)

Wells Fargo & Company
Law Department, Trust Section
MAC N9305-175
Sixth Street and Marquette Avenue, 17th Floor
Minneapolis, Minnesota 55479
(612) 667-4608
(Name, address and telephone number of agent for service)

CVR ENERGY, INC.
(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

61-1512186
(I.R.S. Employer
Identification No.)

2277 Plaza Drive, Suite 500
Sugar Land, Texas
(Address of principal executive offices)

77479
(Zip code)

Subordinated Debt Securities
(Title of the indenture securities)

Item 1. General Information. Furnish the following information as to the trustee:

- (a) Name and address of each examining or supervising authority to which it is subject.

Comptroller of the Currency
Treasury Department
Washington, D.C.

Federal Deposit Insurance Corporation
Washington, D.C.

Federal Reserve Bank of San Francisco
San Francisco, California 94120

- (b) Whether it is authorized to exercise corporate trust powers.

The trustee is authorized to exercise corporate trust powers.

Item 2. Affiliations with Obligor. If the obligor is an affiliate of the trustee, describe each such affiliation.

None with respect to the trustee.

No responses are included for Items 3-14 of this Form T-1 because the obligor is not in default as provided under Item 13.

Item 15. Foreign Trustee. Not applicable.

Item 16. List of Exhibits. List below all exhibits filed as a part of this Statement of Eligibility.

- | | |
|------------|---|
| Exhibit 1. | A copy of the Articles of Association of the trustee now in effect.* |
| Exhibit 2. | A copy of the Comptroller of the Currency Certificate of Corporate Existence and Fiduciary Powers for Wells Fargo Bank, National Association, dated February 4, 2004.** |
| Exhibit 3. | See Exhibit 2 |
| Exhibit 4. | Copy of By-laws of the trustee as now in effect.*** |
| Exhibit 5. | Not applicable. |
| Exhibit 6. | The consent of the trustee required by Section 321(b) of the Act. |
| Exhibit 7. | A copy of the latest report of condition of the trustee published pursuant to law or the requirements of its supervising or examining authority. |
| Exhibit 8. | Not applicable. |
| Exhibit 9. | Not applicable. |
-

-
- * Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form S-4 dated December 30, 2005 of file number 333-130784-06.
 - ** Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form T-3 dated March 3, 2004 of file number 022-28721.
 - *** Incorporated by reference to the exhibit of the same number to the trustee's Form T-1 filed as exhibit 25 to the Form S-4 dated May 26, 2005 of file number 333-125274.
-

SIGNATURE

Pursuant to the requirements of the Trust Indenture Act of 1939, as amended, the trustee, Wells Fargo Bank, National Association, a national banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of New York and State of New York on the 9th day of February, 2009.

WELLS FARGO BANK, NATIONAL ASSOCIATION

/s/ Martin G. Reed

Martin G. Reed
Vice President

EXHIBIT 6

February 9, 2009

Securities and Exchange Commission
Washington, D.C. 20549

Gentlemen:

In accordance with Section 321(b) of the Trust Indenture Act of 1939, as amended, the undersigned hereby consents that reports of examination of the undersigned made by Federal, State, Territorial, or District authorities authorized to make such examination may be furnished by such authorities to the Securities and Exchange Commission upon its request therefor.

Very truly yours,

WELLS FARGO BANK, NATIONAL ASSOCIATION

/s/ Martin G. Reed

Martin G. Reed

Vice President

EXHIBIT 7

Consolidated Report of Condition of

Wells Fargo Bank National Association
of 101 North Phillips Avenue, Sioux Falls, SD 57104
And Foreign and Domestic Subsidiaries,

at the close of business September 30, 2008, filed in accordance with 12 U.S.C. §161 for National Banks.

	Dollar Amounts In Millions
ASSETS	
Cash and balances due from depository institutions:	
Noninterest-bearing balances and currency and coin	\$ 12,749
Interest-bearing balances	1,984
Securities:	
Held-to-maturity securities	0
Available-for-sale securities	76,317
Federal funds sold and securities purchased under agreements to resell:	
Federal funds sold in domestic offices	17,288
Securities purchased under agreements to resell	5,183
Loans and lease financing receivables:	
Loans and leases held for sale	11,992
Loans and leases, net of unearned income	320,888
LESS: Allowance for loan and lease losses	5,414
Loans and leases, net of unearned income and allowance	315,474
Trading Assets	6,980
Premises and fixed assets (including capitalized leases)	4,254
Other real estate owned	974
Investments in unconsolidated subsidiaries and associated companies	445
Intangible assets	
Goodwill	10,853
Other intangible assets	20,410
Other assets	29,950
Total assets	<u>\$ 514,853</u>
LIABILITIES	
Deposits:	
In domestic offices	\$ 296,059
Noninterest-bearing	72,132
Interest-bearing	223,927
In foreign offices, Edge and Agreement subsidiaries, and IBFs	60,178
Noninterest-bearing	1,122
Interest-bearing	59,056
Federal funds purchased and securities sold under agreements to repurchase:	
Federal funds purchased in domestic offices	2,107
Securities sold under agreements to repurchase	5,886

	Dollar Amounts In Millions
Trading liabilities	8,921
Other borrowed money	
(includes mortgage indebtedness and obligations under capitalized leases)	70,870
Subordinated notes and debentures	11,059
Other liabilities	15,330
	<u>470,410</u>
Total liabilities	\$ 470,410
Minority interest in consolidated subsidiaries	161
EQUITY CAPITAL	
Perpetual preferred stock and related surplus	0
Common stock	520
Surplus (exclude all surplus related to preferred stock)	27,993
Retained earnings	17,428
Accumulated other comprehensive income	(1,659)
Other equity capital components	0
	<u>44,282</u>
Total equity capital	44,282
	<u>\$ 514,853</u>

I, Howard I. Atkins, EVP & CFO of the above-named bank do hereby declare that this Report of Condition has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true to the best of my knowledge and belief.

Howard I. Atkins
EVP & CFO

We, the undersigned directors, attest to the correctness of this Report of Condition and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Michael Loughlin
John Stumpf
Carrie Tolsted

Directors