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ICAHN ENTERPRISES HOLDINGS L.P.
 Form 10-K
 February 29, 2016
 UNITED STATES
 SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year Ended December 31, 2015

(Commission File Number)	(Exact Name of Registrant as Specified in Its Charter) (Address of Principal Executive Offices) (Zip Code) (Telephone Number)	(State or Other Jurisdiction of (IRS Employer Incorporation Identification or No.) Organization)	(State or Other Jurisdiction of (IRS Employer Incorporation Identification or No.) Organization)
001-09516	ICAHN ENTERPRISES L.P. 767 Fifth Avenue, Suite 4700 New York, NY 10153 (212) 702-4300	Delaware	13-3398766
333-118021-01	ICAHN ENTERPRISES HOLDINGS L.P. 767 Fifth Avenue, Suite 4700 New York, NY 10153 (212) 702-4300	Delaware	13-3398767

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Name of Each Exchange on Which Registered
Depository Units of Icahn Enterprises L.P. Representing Limited Partner Interests	NASDAQ Global Select Market

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined by Rule 405 of the Securities Act.
 Icahn Enterprises L.P. Yes No Icahn Enterprises Holdings L.P. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Exchange Act.

Icahn Enterprises L.P. Yes No Icahn Enterprises Holdings L.P. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Icahn Enterprises L.P. Yes No Icahn Enterprises Holdings L.P. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Icahn Enterprises L.P. Yes No Icahn Enterprises Holdings L.P. Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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 definition of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act (Check One):

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Icahn Enterprises L.P.

Large Accelerated Filer

Accelerated Filer

Non-accelerated Filer

Smaller Reporting

Company

Icahn Enterprises Holdings L.P.

Large Accelerated Filer

Accelerated Filer

Non-accelerated Filer

Smaller Reporting

Company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Icahn Enterprises L.P. Yes No

Icahn Enterprises Holdings L.P. Yes No

The aggregate market value of Icahn Enterprises' depositary units held by non-affiliates of the registrant as of June 30, 2015, the last business day of the registrant's most recently completed second fiscal quarter, based upon the closing price of depositary units on the New York Stock Exchange Composite Tape on such date was \$1,245 million.

As of February 29, 2016, there were 131,481,059 of Icahn Enterprises' depositary units outstanding.

ICAHN ENTERPRISES L.P.
 ICAHN ENTERPRISES HOLDINGS L.P.
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EXPLANATORY NOTE

This Annual Report on Form 10-K (this "Report") is a joint report being filed by Icahn Enterprises L.P. and Icahn Enterprises Holdings L.P. Each registrant hereto is filing on its own behalf all of the information contained in this Report that relates to such registrant. Each registrant hereto is not filing any information that does not relate to such registrant, and therefore makes no representation as to any such information.

PART I

Item 1. Business.

Business Overview

Icahn Enterprises L.P. ("Icahn Enterprises") is a master limited partnership formed in Delaware on February 17, 1987. Icahn Enterprises Holdings L.P. ("Icahn Enterprises Holdings") is a limited partnership formed in Delaware on February 17, 1987. References to "we," "our" or "us" herein include both Icahn Enterprises and Icahn Enterprises Holdings and their subsidiaries, unless the context otherwise requires.

Icahn Enterprises owns a 99% limited partner interest in Icahn Enterprises Holdings. Icahn Enterprises G.P. Inc. ("Icahn Enterprises GP"), which is owned and controlled by Mr. Carl C. Icahn, owns a 1% general partner interest in each of Icahn Enterprises and Icahn Enterprises Holdings. Icahn Enterprises Holdings and its subsidiaries own substantially all of our assets and liabilities and conduct substantially all of our operations. Therefore, the financial results of Icahn Enterprises and Icahn Enterprises Holdings are substantially the same, with differences relating primarily to debt, as discussed further in Note 10, "Debt," to the consolidated financial statements, and to the allocation of the general partner interest, which is reflected as an aggregate 1.99% general partner interest in the financial statements of Icahn Enterprises. In addition to the above, as of February 29, 2016, Mr. Icahn and his affiliates owned 117,033,818, or approximately 89.0%, of Icahn Enterprises' outstanding depositary units.

Mr. Icahn's estate has been designed to assure the stability and continuation of Icahn Enterprises with no need to monetize his interests for estate tax or other purposes. In the event of Mr. Icahn's death, control of Mr. Icahn's interests in Icahn Enterprises and its general partner will be placed in charitable and other trusts under the control of senior Icahn Enterprises executives and family members.

We are a diversified holding company owning subsidiaries currently engaged in the following continuing operating businesses: Investment, Automotive, Energy, Metals, Railcar, Gaming, Mining, Food Packaging, Real Estate and Home Fashion. Segment and geographic information for our reporting segments, as of December 31, 2015 and 2014 and for each of the three years ended December 31, 2015 is presented in Note 13, "Segment and Geographic Reporting," to the consolidated financial statements, included in Item 8 of this Report. Also, refer to Note 3, "Operating Units," for additional information for each of our reporting segments.

Business Strategy and Core Strengths

The Icahn Strategy

Across all of our businesses, our success is based on a simple formula: we seek to find undervalued companies in the Graham & Dodd tradition, a methodology for valuing stocks that primarily looks for deeply depressed prices.

However, while the typical Graham & Dodd value investor purchases undervalued securities and waits for results, we often become actively involved in the companies we target. That activity may involve a broad range of approaches, from influencing the management of a target to take steps to improve shareholder value, to acquiring a controlling interest or outright ownership of the target company in order to implement changes that we believe are required to improve its business, and then operating and expanding that business. This activism has brought about very strong returns over the years.

Today, we are a diversified holding company owning subsidiaries engaged in the following operating businesses: Investment, Automotive, Energy, Metals, Railcar, Mining, Gaming, Food Packaging, Real Estate and Home Fashion. Through our Investment segment, as of December 31, 2015, we have significant positions in various investments, which include American International Group (AIG), Apple Inc. (AAPL), Cheniere Energy, Inc. (LNG), Chesapeake Energy (CHK), Freeport-McMoRan Inc. (FCX), Gannett Co., Inc. (GCI), Herbalife Ltd. (HLF), Hertz Global Holdings, Inc. (HTZ), Hologic Inc. (HOLX), Nuance Communications, Inc. (NUAN), Navistar International Corp.

(NAV), PayPal Holdings, Inc. (PYPL), Tegna Inc. (TGNA), Transocean Ltd. (RIG), Mentor Graphics Corporation (MENT), Manitowoc Company Inc. (MTW), Seventy Seven Energy Inc. (SSE) and Xerox Corporation (XRX). Several of our operating businesses started out as investment positions in debt or equity securities, held either directly by our Investment segment or Mr. Icahn. Those positions ultimately resulted in control or complete ownership of the target

company. In 2012, we acquired a controlling interest in CVR Energy, Inc. (“CVR”) which started out as a position in our Investment segment and is now an operating subsidiary that comprises our Energy segment.

As of December 31, 2015, based on the closing sale price of CVR stock and distributions since we acquired control, we had a gain of approximately \$2.2 billion. The acquisition of CVR, like our other operating subsidiaries, reflects our opportunistic approach to value creation, through which returns may be obtained by, among other things, promoting change through minority positions at targeted companies in our Investment segment or by acquiring control of those target companies that we believe we could run more profitably ourselves.

In 2000, we began to expand our business beyond our traditional real estate activities, and to fully embrace our activist strategy. On January 1, 2000, the closing sale price of our depositary units was \$7.625 per depositary unit. On December 31, 2015, our depositary units closed at \$61.30 per depositary unit, representing an increase of approximately 1,024% since January 1, 2000 (including reinvestment of distributions into additional depositary units and taking into account in-kind distributions of depositary units). Comparatively, the S&P 500, Dow Jones Industrial and Russell 2000 indices increased approximately 89%, 122% and 178%, respectively, over the same period (including reinvestment of distributions into those indices).

During the next several years, we see a favorable opportunity to follow an activist strategy that centers on the purchase of target stock and the subsequent removal of any barriers that might interfere with a friendly purchase offer from a strong buyer. Alternatively, in appropriate circumstances, we or our subsidiaries may become the buyer of target companies, adding them to our portfolio of operating subsidiaries, thereby expanding our operations through such opportunistic acquisitions. We believe that the companies that we target for our activist activities are undervalued for many reasons, often including inept management. Unfortunately for the individual investor, in particular, and the economy, in general, many poor management teams are often unaccountable and very difficult to remove.

Unlike the individual investor, we have the wherewithal to purchase companies that we feel we can operate more effectively than incumbent management. In addition, through our Investment segment, we are in a position to pursue our activist strategy by purchasing stock or debt positions and trying to promulgate change through a variety of activist approaches, ranging from speaking and negotiating with the board and CEO to proxy fights, tender offers and taking control. We work diligently to enhance value for all shareholders and we believe that the best way to do this is to make underperforming management teams and boards accountable or to replace them.

The Chairman of the Board of our general partner, Carl C. Icahn, has been an activist investor since 1980. Mr. Icahn believes that the current environment continues to be conducive to activism. Many major companies have substantial amounts of cash. We believe that they are hoarding cash, rather than spending it, because they do not believe investments in their business will translate to earnings.

We believe that one of the best ways for many cash-rich companies to achieve increased earnings is to use their large amounts of excess cash, together with advantageous borrowing opportunities, to purchase other companies in their industries and take advantage of the meaningful synergies that could result. In our opinion, the CEOs and Boards of Directors of undervalued companies that would be acquisition targets are the major road blocks to this logical use of assets to increase value, because we believe those CEOs and boards are not willing to give up their power and perquisites, even if they have done a poor job in administering the companies they have been running. In addition, acquirers are often unwilling to undertake the arduous task of launching a hostile campaign. This is precisely the situation in which a strong activist catalyst is necessary.

We believe that the activist catalyst adds value because, for companies with strong balance sheets, acquisition of their weaker industry rivals is often extremely compelling financially. We further believe that there are many transactions that make economic sense, even at a large premium over market. Acquirers can use their excess cash, that is earning a very low return, and/or borrow at the advantageous interest rates now available, to acquire a target company. In either case, an acquirer can add the target company’s earnings and the income from synergies to the acquirer’s bottom line, at a relatively low cost. But for these potential acquirers to act, the target company must be willing to at least entertain an offer. We believe that often the activist can step in and remove the obstacles that a target may seek to use to prevent an acquisition.

It is our belief that our strategy will continue to produce strong results into the future, and that belief is reflected in the action of the board of directors of our general partner, which announced in March 2014, a decision to modify our distribution policy to increase our annual distribution to \$6.00 per depositary unit. We believe that the strong cash

flow and asset coverage from our operating segments will allow us to maintain a strong balance sheet and ample liquidity.

In our view Icahn Enterprises is in a virtuous cycle. We believe that our depositary units will give us another powerful activist tool, allowing us both to use our depositary units as currency for tender offers and acquisitions (both hostile and friendly) where appropriate. All of these factors will, in our opinion, contribute to making our activism even more efficacious, which we expect to enhance our results and stock value.

Core Strengths

We believe that our core strengths include: identifying and acquiring undervalued assets and businesses, often through the purchase of distressed securities; increasing value through management, financial or other operational changes; and managing complex legal, regulatory or financial issues, which may include bankruptcy or insolvency, environmental, zoning, permitting and licensing issues.

The key elements of our business strategy include the following:

Capitalize on Growth Opportunities in our Existing Businesses. We believe that we have developed a strong portfolio of businesses with experienced management teams. We may expand our existing businesses if appropriate opportunities are identified, as well as use our established businesses as a platform for additional acquisitions in the same or related areas.

Drive Accountability and Financial Discipline in the Management of our Business. Our Chief Executive Officer is accountable directly to our board of directors, including the Chairman, and has day-to-day responsibility, in consultation with our Chairman, for general oversight of our business segments. We continually evaluate our operating subsidiaries with a view towards maximizing value and cost efficiencies, bringing an owner's perspective to our operating businesses. In each of these businesses, we assemble senior management teams with the expertise to run their businesses and boards of directors to oversee the management of those businesses. Each management team is responsible for the day-to-day operations of their businesses and directly accountable to its board of directors.

Seek to Acquire Undervalued Assets. We intend to continue to make investments in businesses that we believe are undervalued and have potential for growth. We also seek to capitalize on investment opportunities arising from market inefficiencies, economic or market trends that have not been identified and reflected in market value, or complex or special situations. Certain opportunities may arise from companies that experience disappointing financial results, liquidity or capital needs, lowered credit ratings, revised industry forecasts or legal complications. We may acquire businesses or assets directly or we may establish an ownership position through the purchase of debt or equity securities in the open market or in privately negotiated transactions.

Use Activism to Unlock Value. As described above, we become actively involved in companies in which we invest. Such activism may involve a broad range of activities, from trying to influence management in a proxy fight, to taking outright control of a company in order to bring about the change we think is required to unlock value. The key is flexibility, permanent capital and the willingness and ability to have a long-term investment horizon.

Investment

Background

Our Investment segment is comprised of various private investment funds, including Icahn Partners L.P. ("Icahn Partners"), Icahn Partners Master Fund LP, Icahn Partners Master Fund II LP and Icahn Partners Master Fund III LP (collectively, the "Master Funds", and together with Icahn Partners, the "Investment Funds"), through which we invest our proprietary capital. Effective January 1, 2014, Icahn Partners Master Fund II LP and Icahn Partners Master Fund III LP were merged with and into Icahn Partners. We and certain of Mr. Icahn's wholly owned affiliates are the sole investors in the Investment Funds. Icahn Onshore LP and Icahn Offshore LP (together, the "General Partners") act as the general partner of Icahn Partners and the Master Funds, respectively. The General Partners provide investment advisory and certain administrative and back office services to the Investment Funds but do not provide such services to any other entities, individuals or accounts. Interests in the Investment Funds are not offered to outside investors. The Investment Funds returned all fee-paying capital to their investors during 2011. Payments were funded through cash on hand and borrowings under existing credit lines.

Investment Strategy

The investment strategy of the General Partners is set and led by Mr. Icahn. The Investment Funds seek to acquire securities in companies that trade at a discount to inherent value as determined by various metrics, including replacement cost, break-up value, cash flow and earnings power and liquidation value.

The General Partners utilize a process-oriented, research-intensive, value-based investment approach. This approach generally involves three critical steps: (i) fundamental credit, valuation and capital structure analysis; (ii) intense legal and tax analysis of fulcrum issues such as litigation and regulation that often affect valuation; and (iii) combined business valuation analysis and legal and tax review to establish a strategy for gaining an attractive risk-adjusted

investment position. This approach focuses on exploiting market dislocations or misjudgments that may result from market euphoria, litigation, complex contingent liabilities, corporate malfeasance and weak corporate governance, general economic conditions or market cycles and complex and inappropriate capital structures.

The Investment Funds are often activist investors ready to take the steps necessary to seek to unlock value, including tender offers, proxy contests and demands for management accountability. The Investment Funds may employ a number of strategies and are permitted to invest across a variety of industries and types of securities, including long and short equities, long and short bonds, bank debt and other corporate obligations, options, swaps and other derivative instruments thereof, risk arbitrage and capital structure arbitrage and other special situations. The Investment Funds invest a material portion of their capital in publicly traded equity and debt securities of companies that the General Partners believe to be undervalued by the marketplace. The Investment Funds often take significant positions in the companies in which they invest.

Income

Since April 1, 2011, the results of our Investment segment have primarily been driven by the performance of the Investment Funds and our interests therein; the General Partners no longer receive special profits interest allocations or incentive allocations. Prior to March 31, 2011, income from our Investment segment was principally derived from three sources: (1) special profits interest allocations; (2) incentive allocations; and (3) gains and losses from our interests in the Investment Funds.

Prior to March 31, 2011, incentive allocations generally ranged from 15% to 25% of the net profits (both realized and unrealized) generated by fee-paying investors in the Investment Funds and were generally subject to a "high watermark," whereby the General Partners did not earn incentive allocations during a particular year even though the fund had a positive return in such year until losses in prior periods were recovered. In general, these allocations had been calculated and distributed to the General Partners annually other than incentive allocations earned as a result of investor redemption events during interim periods. For the period January 1, 2008 through March 31, 2011, the Investment Fund Limited Partnership Agreements provided that the applicable General Partner was eligible to receive a special profits interest allocation at the end of each calendar year from each applicable fee-paying capital account maintained at the Investment Fund. Special profits interest allocations ranged from 1.5% to 2.5% per annum and were allocated to the General Partners to the extent the Investment Funds had sufficient profits to cover such amounts.

Affiliate Investments

We and Mr. Icahn, along with the Investment Funds, have entered into a covered affiliate agreement, which was amended on March 31, 2011, pursuant to which Mr. Icahn agreed (on behalf of himself and certain of his affiliates, excluding Icahn Enterprises, Icahn Enterprises Holdings and their subsidiaries) to be bound by certain restrictions on their investments in any assets that the General Partners deem suitable for the Investment Funds, other than government and agency bonds and cash equivalents, unless otherwise approved by our Audit Committee. In addition, Mr. Icahn and such affiliates continue to have the right to co-invest with the Investment Funds. We have no interest in, nor do we generate any income from, any such co-investments, which have been and may continue to be substantial.

Employees

Our Investment segment is supported by an experienced team of 21 professionals as of December 31, 2015, including an investment, legal and operations group. In many cases, team members have worked together successfully and have provided business, investing and legal services for a number of years with respect to the Investment Funds' operations.

Automotive

Background

We conduct our Automotive segment through our majority ownership in Federal-Mogul Holdings Corporation ("Federal-Mogul"), our wholly owned subsidiary IEH Auto Parts Holding LLC ("IEH Auto"), effective June 1, 2015, and our wholly owned subsidiary Pep Boys - Manny, Moe and Jack ("Pep Boys"), effective February 3, 2016.

On February 28, 2016, Icahn Enterprises issued a proposal to the board of directors of Federal-Mogul to purchase the shares of Federal-Mogul common stock not owned by us in a merger transaction pursuant to which Federal-Mogul shareholders would receive \$7.00 per share in cash for their Federal-Mogul shares.

Federal-Mogul is operated independently from IEH Auto and Pep Boys. See below discussion regarding our business strategies for each of Federal-Mogul, IEH Auto and Pep Boys.

On April 15, 2014, Federal-Mogul completed a holding company reorganization (the "Federal-Mogul Reorganization"). As a result of the Federal-Mogul Reorganization, the outstanding shares of Federal-Mogul Corporation common stock were automatically converted on a one-for-one basis into shares of Federal-Mogul Holdings Corporation common

stock, and all of the stockholders of Federal-Mogul Corporation immediately prior to the Reorganization automatically became stockholders of Federal-Mogul Holdings Corporation. References herein to “Federal-Mogul” are to Federal-Mogul Corporation for the period

prior to the effective time of the Federal-Mogul Reorganization on April 15, 2014 and to Federal-Mogul Holdings Corporation for the period after the effective time of the Federal-Mogul Reorganization. As of December 31, 2015, we owned approximately 82.0% of the outstanding common stock of Federal-Mogul.

On June 1, 2015, IEH Auto acquired substantially all of the auto parts assets in the United States of Uni-Select, Inc., a leading automotive parts distributor for domestic and imported vehicles.

On February 3, 2016, pursuant to a tender offer, Icahn Enterprises acquired a majority of the outstanding shares of Pep Boys - Manny, Moe & Jack ("Pep Boys"), a leading aftermarket provider of automotive service, tires, parts and accessories across the United States and Puerto Rico. On February 4, 2016, Icahn Enterprises completed the acquisition of the remaining outstanding shares of Pep Boys and our wholly owned subsidiary, IEP Parts Acquisition LLC, merged with and into Pep Boys, with Pep Boys surviving the merger as a wholly owned subsidiary of Icahn Enterprises Holdings. The total value for the acquisition of Pep Boys was approximately \$1.2 billion, including the fair value of our equity interest in Pep-Boys just prior to our acquisition of a controlling interest.

Refer to Note 3, "Operating Units - Automotive," to the consolidated financial statements, included in Item 8 of this Report for further discussion of these acquisitions.

Business

Federal-Mogul

Federal-Mogul is a leading global supplier of technology and innovation in vehicle and industrial products for fuel economy, emissions reduction and safety systems. Federal-Mogul serves original equipment manufacturers ("OEM") and servicers ("OES") (collectively "OE") of automotive, light, medium and heavy-duty commercial vehicles, off-road, agricultural, marine, rail, aerospace, power generation and industrial equipment, as well as the worldwide aftermarket. Federal-Mogul seeks to participate in both of these markets by leveraging its original equipment product engineering and development capability, manufacturing know-how, and expertise in managing a broad and deep range of replacement parts to service the aftermarket. Federal-Mogul is a leading technology supplier and a market share leader in several product categories. As of December 31, 2015, Federal-Mogul had current OEM products included on more than 300 global vehicle platforms and more than 700 global powertrains used in light, medium and heavy-duty vehicles. Federal-Mogul offers premium brands, OE replacement and entry/mid level products for all aftermarket customers. Therefore, Federal-Mogul can be first to the aftermarket with new products, service expertise and customer support.

Federal-Mogul operates with two end-customer focused businesses. The Powertrain business focuses on original equipment powertrain products for automotive, heavy-duty and industrial applications. The Motorparts business sells and distributes a broad portfolio of products in the global aftermarket, including more than 20 globally-recognized brands. Federal-Mogul also serves original equipment manufacturers with products including braking, wipers and a limited range of chassis. This organizational model allows for a strong product line focus benefiting both original equipment and aftermarket customers and enables Federal-Mogul to be responsive to customers' needs for superior products and to promote greater identification with Federal-Mogul premium brands. Additionally, this organizational model enhances management focus to capitalize on opportunities for organic or acquisition growth, profit improvement, capital allocation and business model optimization in line with the unique requirements of the two different customer bases and business models.

Federal-Mogul has manufacturing facilities and distribution centers in 25 countries and, accordingly, Federal-Mogul's businesses derive sales from both domestic and international markets. The attendant risks of Federal-Mogul's international operations are primarily related to currency fluctuations, changes in local economic and political conditions, extraterritorial effects of United States laws such as the Foreign Corrupt Practices Act, and changes in laws and regulations.

Federal-Mogul is a reporting company under the Securities Exchange Act of 1934, as amended, or the Exchange Act, and files annual, quarterly and current reports, proxy statements and other information with the Securities and Exchange Commission (the "SEC") that are publicly available.

IEH Auto and Pep Boys

IEH Auto is a leading distributor of automotive replacement parts to the automotive aftermarket in the United States. IEH Auto has 34 distribution centers and satellite locations and 264 corporate-owned jobber stores in the United States and supports a network of more than 2,000 independent wholesalers.

Pep Boys has 806 locations in the automotive aftermarket industry located throughout the United States and Puerto Rico. Pep Boys stores are organized into a hub and spoke network consisting of Supercenters and Service & Tire Centers. Supercenters average approximately 20,000 square feet and combine a parts and accessories store with professional service centers that perform a full range of automotive maintenance and repair services. Most of the Pep Boys Supercenters also have a commercial sales program that provides prompt delivery of parts, tires and equipment to automotive repair shops and dealers.

Service & Tire Centers, which average approximately 6,000 square feet, provide automotive maintenance and repair services in neighborhood locations that are conveniently located where our customers live or work.

Acquisitions

In addition to the IEH Auto and Pep Boys acquisitions described above, Federal-Mogul acquired several businesses throughout 2014 and 2015. The combination of these acquisitions add new product lines to our Automotive segment, providing operating synergies, strengthening distribution channels and enhancing our Automotive segment's ability to better service its customers. Refer to Note 3, "Operating Units," to the consolidated financial statements, included in Item 8 of this Report for further discussion.

Strategy

Federal-Mogul

Federal-Mogul's strategy is designed to create sustainable global profitable growth, by leveraging existing and developing new competitive advantages. This strategy consists of the following primary elements:

- Provide value-added products to customers in all markets served through leading technology and innovation;
- Develop products to enable increased fuel economy and reduce vehicle emissions, plus enable the use of alternative energies;
- Utilize Federal-Mogul's leading technology resources to develop advanced and innovative products, processes and manufacturing capabilities;
- Extend Federal-Mogul's global reach to support its OE and aftermarket customers, furthering its relationships with leading Asian OEs and strengthening market share with U.S. and European OEs;
- Assess acquisition and investment opportunities that provide product line expansion, technological advancements, geographic positioning, penetration of emerging markets (including India and China) and market share growth;
- Invest in world-class distribution and online capabilities to meet delivery expectations of Federal-Mogul's customers by enhancing its distribution footprint to improve its distribution capabilities, strengthen delivery performance and engage end customers;
- Leverage the strength of Federal-Mogul's global aftermarket leading brand positions, product portfolio and range, marketing and selling expertise, and distribution and logistics capabilities;
- Expand Federal-Mogul's coverage in existing product lines and add new product lines which are critical to maintaining its leadership position and leveraging its distribution and sales network;
- Continue to invest in product innovation to support Federal-Mogul's premium brands and to enhance its marketing initiatives to more effectively communicate the value proposition of its branded products to end customers; and
- Aggressively pursue cost competitiveness in all business segments by continuing to drive productivity in existing operations, consolidating and relocating manufacturing operations to best cost countries, utilizing Federal-Mogul's strategic joint ventures and alliances, and rationalizing business resources and infrastructure.

IEH Auto and Pep Boys

The automotive aftermarket industry is in the mature stage of its life cycle. Over the past decade, consumers have moved away from do-it-yourself ("DIY") toward do-it-for-me ("DIFM") due to increasing vehicle complexity and electronic content, as well as decreasing availability of diagnostic equipment and know-how. Consistent with this long-term trend, IEH Auto's and Pep Boys' long-term strategy is to grow their sales to DIFM distributors and DIFM service professionals, grow their automotive service business, and maintain their DIY customer bases by offering the newest and broadest product assortment in the automotive aftermarket. IEH Auto and Pep Boys provide their customers with access to over two million replacement parts for domestic and imported vehicles through an extensive network of suppliers. They seek to provide (i) an extensive selection of product offerings; (ii) competitive pricing; (iii) exceptional in-store service experience; and (iv) superior delivery to their customers.

Research and Development

Federal-Mogul's research and development activities are conducted at its research and development locations. Within the United States, these centers are located in Skokie, Illinois; Ann Arbor, Michigan; Plymouth, Michigan; St. Louis, Missouri; Exton, Pennsylvania; and Waupun, Wisconsin. Internationally, Federal-Mogul's research and development centers are located in Araras, Brazil; Aubange, Belgium; Chapel-en-le-Frith, United Kingdom; Coventry, United

Kingdom; Burscheid, Germany; Nuremberg, Germany; Wiesbaden, Germany; Bad Camberg, Germany; Glinde, Germany; Kostelec, Czech Republic; and Shanghai, China.

Each of Federal-Mogul's business units is engaged in engineering, research and development efforts and works closely with customers to develop custom solutions to meet their needs. Total expenditures for research and development activities, including product engineering and validation costs, were \$189 million, \$192 million and \$177 million for the years ended December 31, 2015, 2014 and 2013, respectively.

IEH Auto and Pep Boys do not conduct research and development.

Restructuring Activities

Federal-Mogul's restructuring activities are undertaken as necessary to execute its strategy and streamline operations, consolidate and take advantage of available capacity and resources, and ultimately to achieve net cost reductions and productivity improvements. These restructuring activities include efforts to integrate and rationalize businesses and to relocate manufacturing operations to best cost markets.

Federal-Mogul's restructuring activities are further discussed in Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations," and in Note 3, "Operating Units," to the consolidated financial statements, included in Item 8 of this Report.

IEH Auto and Pep Boys do not have restructuring activities.

Products and Services

Federal-Mogul is engaged in the manufacture and distribution of automotive parts. The following provides an overview of products manufactured and distributed by Federal-Mogul by product group:

Powertrain. Federal-Mogul's Powertrain business primarily represents its OE business. The Powertrain business offers a diverse array of market-leading products for OE applications, including pistons, piston rings, piston pins, cylinder liners, valve seats and guides, ignition products, dynamic seals, bonded piston seals, combustion and exhaust gaskets, static gaskets and seals, rigid heat shields, engine bearings, industrial bearings, bushings and washers, element resistant systems protection sleeving products, acoustic shielding and flexible heat shields. Comprehensive design capability and an extensive product portfolio enable effective delivery of a broad range of engine and driveline components as well as engineered solutions to improve fuel economy, reduce emissions or enhance vehicle performance and durability. The Powertrain business' products are used in automotive, motorcycle, light truck, heavy-duty, industrial, commercial equipment (construction, agricultural, power generation, marine and railway), aerospace, and small air-cooled engine applications.

Motorparts. Federal-Mogul's Motorparts business sells and distributes a broad portfolio of products in the global vehicle aftermarket while also serving the OE market with products including braking, wipers and chassis. The Motorparts business' products are utilized widely in vehicle braking systems and chassis, as well as in engine and sealing applications and general service. The Motorparts business operates 32 manufacturing sites in 15 countries and 35 distribution centers and warehouses in 13 countries.

IEH Auto and Pep Boys do not manufacture parts but are engaged in the distribution of automotive parts in the aftermarket. Pep Boys also provides automotive services to its customers. Each service location performs a full range of automotive maintenance and repair services (except body work) and installs tires, parts and accessories.

Customers

The automotive light vehicle market, as well as the medium duty/heavy duty commercial market, is comprised of two primary businesses: the OE market in which Federal-Mogul's products are used in the manufacture of new vehicles and OE dealer service parts, and the global aftermarket, in which Federal-Mogul's, IEH Auto's and Pep Boys' products are used as replacement parts for all vehicles in operation on the road, including all previous models.

The OE Market. Demand for component parts in the OE market is generally a function of the number of new vehicles produced. Although OE demand is tied to planned vehicle production, parts suppliers also have the opportunity to grow through increasing their product content per vehicle, by increasing market share and by expanding into new or emerging markets. Companies with a global presence, leading technology and innovation, and advanced product engineering, manufacturing and customer support capabilities are best positioned to take advantage of these opportunities. Federal-Mogul supplies OEs with a wide variety of technologically innovative parts, substantially all of which are manufactured by it. Federal-Mogul's OE customers consist of automotive and heavy-duty vehicle manufacturers as well as agricultural, off-highway, marine, railroad, aerospace, high performance and industrial application manufacturers. Federal-Mogul has well-established relationships with substantially all major American, European and Asian automotive OEs.

The Aftermarket Business. Products for the global vehicle aftermarket are sold directly to a wide range of distributors, retail parts stores and mass merchants that distribute these products to professional service providers, “do-it-yourself” consumers and in some cases, directly to service chains. Demand for aftermarket products historically has been driven by three primary factors: (i) the number of vehicles in operation; (ii) the average age of vehicles in operation; and (iii) vehicle usage trends. Federal-Mogul’s aftermarket customers include independent warehouse distributors who redistribute products to local parts suppliers, distributors of heavy-duty vehicular parts, engine rebuilders, retail parts stores and mass merchants. The breadth of Federal-Mogul’s product lines, the strength of its leading brand names, marketing expertise, sizable sales force, and its distribution and logistics capability are central to the success of Federal-Mogul’s Motorparts operations. IEH Auto and Pep Boys distribute automotive parts in the aftermarket to commercial customers in the DIFM market as well as the retail and DIY markets. Pep Boys also provides automotive services to its customers.

No individual customer accounted for more than 10% of Federal-Mogul’s net sales during 2015. Federal-Mogul’s customers include IEH Auto and Pep Boys. No individual customer accounted for more than 6% of IEH Auto’s net sales during the period June 1, 2015 through December 31, 2015. No individual customer accounted for more than 6% of Pep Boys’ net sales during 2015.

Competition

The global vehicular parts business is highly competitive. Federal-Mogul competes with many independent manufacturers and distributors of component parts globally. In general, competition for sales is based on price, product quality, technology, delivery, customer service and the breadth of products offered by a given supplier. Federal-Mogul is meeting these competitive challenges by developing leading technologies, efficiently integrating and expanding its manufacturing and distribution operations, widening its product coverage within its core businesses, restructuring its operations and transferring production to best cost countries, and utilizing its worldwide technical centers to develop and provide value-added solutions to its customers. A summary of Federal-Mogul’s primary independent competitors by its businesses is set forth below.

Powertrain. Primary competitors include AGM Automotive, Art Metal, Bergmann, BinZou, Bleistahl, Bosch, Daido, Dana, Dana-Reinz, Delfingen, Denso, DongYang, ElringKlinger, FNOK, Freudenberg, Kaco/Sabo, Kolbenschmidt, Mahle, Miba, NGK, NOK, NPR, Relats, Sinteron, SKF, Taiho, and Vitrica.

Motorparts. Primary competitors include Akebono Brake Corporation, Autolite, Brake Parts Inc., Bosch Group, Centric Parts, Crowne Group LLC, Delphi Automotive LLP, Denso Corporation, Dorman Products, Inc., GRI Engineering and Development LLC (MAT Holdings, Inc.), Mahle GmbH, Mevotech Inc., NGK Spark Plug Co., Ltd., NTN Bearing Corporation, Neapco Inc., Old World Industries, LLC, Phillips Industries, Pylon Manufacturing Corporation, Rain-X (ITW Global Brands), SKF Group, Osram Sylvania Ltd., The Timken Company, Trico Products Corporation, Valeo Group, Dana Corporation (Victor Reinz brand), and ZF TRW Automotive Holdings Corp.

IEH Auto and Pep Boys operate in a highly competitive environment. IEH Auto and Pep Boys encounter competition from national and regional chains, automotive dealerships and from local independent service providers and merchants. Their competitors include general, full range and discount department stores and online retailers which carry automotive parts and accessories and/or have automotive service centers, as well as specialized automotive retailers. IEH Auto and Pep Boys believe that their operations in both DIFM and DIY differentiate them from most of their competitors.

Raw Materials and Suppliers

Federal-Mogul purchases various raw materials and component parts for use in its manufacturing processes, including ferrous and non-ferrous metals, non-metallic raw materials, stampings, castings and forgings. Federal-Mogul has not experienced any significant shortages of raw materials, components or finished parts and normally does not carry inventories of raw materials or finished parts in excess of those reasonably required to meet its production and shipping schedules. Federal-Mogul, along with IEH Auto and Pep Boys, also purchase parts manufactured by other manufacturers for sale in the aftermarket.

In 2015, no outside supplier of Federal-Mogul provided products that accounted for more than 3% of Federal-Mogul’s annual purchases.

For the period June 1, 2015 through December 31, 2015, IEH Auto's ten largest suppliers accounted for approximately 54% of the merchandise purchased. Federal-Mogul is a supplier to IEH Auto and individually accounted for 11% of the merchandise purchased.

Historically, Pep Boys purchased a significant portion of its inventory from a limited number of suppliers. During fiscal 2015, Pep Boys' ten largest suppliers accounted for approximately 45% of the merchandise purchased. Only one of Pep Boys' suppliers accounted for more than 10% of its purchases. Federal-Mogul is a supplier to Pep Boys.

Seasonality

Federal-Mogul's business is moderately seasonal because many North American OE customers typically close assembly plants for two weeks in July for model year changeovers, and for an additional week during the December holiday season. OE customers in Europe historically shut down vehicle production during portions of July and August and one week in December. Shut-down periods in the Rest of World generally vary by country. Our Automotive segments' aftermarket business experiences seasonal fluctuations in sales due to demands caused by weather and driving patterns. Historically, Federal-Mogul's sales and operating profits have been the strongest in the second quarter.

In addition, IEH Auto's sales and operating profits have been the strongest in the second quarter. Pep Boys' sales and operating profits are earned evenly throughout the year.

Impact of Environmental Regulations

Our Automotive segments' operations, consistent with those of the manufacturing sector in general, are subject to numerous existing and proposed laws and governmental regulations designed to protect the environment, particularly regarding plant wastes and emissions and solid waste disposal. Capital expenditures for property, plant and equipment for environmental control activities did not have a material impact on our Automotive segments' financial position or cash flows in 2015 and are not expected to have a material impact on its financial position or cash flows in 2016.

Intellectual Property

Federal-Mogul holds in excess of 6,300 patents and patent applications on a worldwide basis, of which more than 1,200 have been filed in the United States. Of the approximately 6,300 patents and patent applications, approximately 30% are in production use and/or are licensed to third parties, and the remaining 70% are being considered for future production use or provide a strategic technological benefit to Federal-Mogul.

Federal-Mogul does not materially rely on any single patent, nor will the expiration of any single patent materially affect its business. Federal-Mogul's current patents expire over various periods into the year 2036. Federal-Mogul is actively introducing and patenting new technology to replace formerly patented technology before the expiration of the existing patents. In the aggregate, Federal-Mogul's worldwide patent portfolio is materially important to its business because it enables it to achieve technological differentiation from its competitors.

Federal-Mogul also maintains more than 6,600 active trademark registrations and applications worldwide. Over 90% of these trademark registrations and applications are in commercial use by Federal-Mogul or are licensed to third parties.

IEH Auto and Pep Boys do not hold any patents.

Employees

Our Automotive segment had approximately 57,437 employees at December 31, 2015, of which 53,700 were employed by Federal-Mogul and 3,737 were employed by IEH Auto. As of February 4, 2016, Pep Boys had approximately 17,000 employees.

Various unions represent approximately 28% of Federal-Mogul's U.S. hourly employees and approximately 87% of Federal-Mogul's non-U.S. hourly employees. With the exception of two facilities in the United States, most of Federal-Mogul's unionized manufacturing facilities have their own contracts with their own expiration dates, and as a result, no contract expiration date affects more than one facility.

Neither IEH Auto nor Pep Boys had any union employees.

Energy

Background

We conduct our Energy segment through our majority ownership in CVR. We acquired a controlling interest in CVR on May 4, 2012.

CVR is a diversified holding company primarily engaged in the petroleum refining and nitrogen fertilizer manufacturing industries through its holdings in CVR Refining, LP ("CVR Refining") and CVR Partners, LP ("CVR Partners"), respectively. CVR Refining is an independent petroleum refiner and marketer of high value transportation fuels. CVR Partners produces nitrogen fertilizers in the form of urea ammonium nitrate ("UAN") and ammonia. As of December 31, 2015, CVR owned 100% of the general partners of CVR Refining and CVR Partners and approximately 66% of the outstanding common units of CVR Refining and 53% of the outstanding common units of CVR Partners.

Subsequent to the completion of the pending mergers as discussed below, it is estimated that CVR will hold approximately 34% of the outstanding common units of CVR Partners and 100% of the general partner interest.

On August 9, 2015, CVR Partners entered into an Agreement and Plan of Merger with Rentech Nitrogen Partners, L.P. ("Rentech Nitrogen") and Rentech Nitrogen GP, LLC ("Rentech Nitrogen GP"), pursuant to which CVR Partners would acquire Rentech Nitrogen and Rentech Nitrogen GP by merging two newly-created direct wholly-owned subsidiaries of CVR Partners with and into those entities with Rentech Nitrogen and Rentech Nitrogen GP continuing as surviving entities and wholly-owned subsidiaries of CVR Partners (together, the "CVR Partners Mergers"). Refer to Note 3, "Operating Units - Energy," to the consolidated financial statements for further discussion of the CVR Partners Mergers.

CVR is a reporting company under the Exchange Act and files annual, quarterly and current reports, proxy statements and other information with the SEC that are publicly available.

As of December 31, 2015, Icahn Enterprises owned 82.0% of the total outstanding common stock of CVR. In addition, as of December 31, 2015, we directly owned approximately 4.0% of the total outstanding common units of CVR Refining.

Petroleum Business

The petroleum business consists of our and CVR's interest in CVR Refining.

CVR's petroleum business includes a 115,000 barrels per calendar day ("bpcd") rated capacity complex full coking medium-sour crude oil refinery in Coffeyville, Kansas and a 70,000 bpcd rated capacity complex crude oil refinery in Wynnewood, Oklahoma. The combined crude capacity represents approximately 22% of the region's refining capacity. The Coffeyville refinery located in southeast Kansas is approximately 100 miles from Cushing, Oklahoma, a major crude oil trading and storage hub. The Wynnewood refinery is located approximately 65 miles south of Oklahoma City, Oklahoma and approximately 130 miles from Cushing, Oklahoma.

The petroleum business also includes the following auxiliary operating assets:

Crude Oil Gathering System. The petroleum business owns and operates a crude oil gathering system serving Kansas, Nebraska, Oklahoma, Missouri, Colorado and Texas. The gathering system includes approximately 336 miles of active owned and leased pipelines and approximately 150 crude oil transports and associated storage facilities, which allows it to gather crude oils from independent crude oil producers. The crude oil gathering system has a gathering capacity of over 65,000 barrels per day ("bpd"). Gathered crude oil provides an attractive and competitive base supply of crude oil for the Coffeyville and Wynnewood refineries. During 2015, the petroleum business gathered an average of approximately 69,000 bpd.

Pipelines and Storage Tanks. The petroleum business owns a proprietary pipeline system capable of transporting approximately 170,000 bpd of crude oil from its Broome Station facility located near Caney, Kansas to its Coffeyville refinery. Crude oils sourced outside of the proprietary gathering system are delivered by common carrier pipelines into various terminals in Cushing, Oklahoma, where they are blended and then delivered to the Broome Station tank farm via a pipeline owned by Plains Pipeline L.P. ("Plains"). The petroleum business owns approximately (i) 1.5 million barrels of crude oil storage capacity that supports the gathering system and the Coffeyville refinery, (ii) 0.9 million barrels of crude oil storage capacity at the Wynnewood refinery and (iii) 1.5 million barrels of crude oil storage capacity in Cushing, Oklahoma. The petroleum business also leases additional crude oil storage capacity of approximately (iv) 2.8 million barrels in Cushing, (v) 0.2 million barrels in Duncan, Oklahoma and (vi) 0.1 million barrels at the Wynnewood refinery. In addition to crude oil storage, the petroleum business owns over 4.5 million barrels of combined refined products and feedstocks storage capacity.

Crude and Feedstock Supply

The Coffeyville refinery has the capability to process blends of a variety of crude oil ranging from heavy sour to light sweet crude oil. Currently, the Coffeyville refinery crude oil slate consists of a blend of mid-continent domestic grades and various Canadian medium and heavy sour, and it has recently introduced North Dakota Bakken and other similarly sourced crudes into its crude slate. While crude oil has historically constituted over 90% of the Coffeyville refinery's total throughput over the last five years, other feedstock inputs include normal butane, natural gasoline, alkylation feeds, naphtha, gas oil and vacuum tower bottoms.

The Wynnewood refinery has the capability to process blends of a variety of crude oil ranging from medium sour to light sweet crude oil, although isobutane, gasoline components, and normal butane are also typically used. Historically

most of the Wynnewood refinery's crude oil has been acquired domestically, mainly from Texas and Oklahoma, but the refinery can also access and process various light and medium Canadian grades.

Crude oil is supplied to the Coffeyville and Wynnewood refineries through the wholly-owned gathering system and by pipeline. The petroleum business has continued to increase the number of barrels of crude oil supplied through its crude oil gathering system in 2015 and it now has the capacity of supplying over 65,000 bpd of crude oil to the refineries. For the year

ended December 31, 2015, the gathering system supplied approximately 39% of both of the Coffeyville and Wynnewood refineries' crude oil demand.

Crude Oil Supply Agreement

On August 31, 2012, Coffeyville Resources Refining and Marketing, LLC ("CRRM") and Vitol Inc. ("Vitol") entered into an Amended and Restated Crude Oil Supply Agreement (as amended, the "Vitol Agreement"). Under the Vitol Agreement, Vitol supplies the petroleum business with crude oil and intermediation logistics, which helps the petroleum business to reduce its inventory position and mitigate crude oil pricing risk. The Vitol Agreement will automatically renew for successive one-year terms (each such term, a "Renewal Term") unless either party provides the other with notice of nonrenewal at least 180 days prior to expiration of any Renewal Term. The Vitol Agreement currently extends through December 31, 2016.

Marketing and Distribution

The petroleum business focuses its Coffeyville petroleum product marketing efforts in the central mid-continent area, because of its relative proximity to the refinery and pipeline access. Coffeyville also has access to the Rocky Mountain area. Coffeyville engages in rack marketing, which is the supply of product through tanker trucks directly to customers located in close geographic proximity to the refinery and to customers at throughput terminals on the refined products distribution systems of Magellan and NuStar. Coffeyville also makes bulk sales (sales into third-party pipelines) into the mid-continent markets and other destinations utilizing the product pipeline networks owned by Magellan Midstream Partners, L.P. ("Magellan"), Enterprise Products Partners, L.P. and NuStar Energy, L.P. The outbound Enterprise Pipeline Red Line provides Coffeyville with access to the NuStar Refined Products Pipeline system. This allows gasoline and ULSD product sales from Kansas up into North Dakota.

The Wynnewood refinery ships its finished product via pipeline, railcar, and truck. It focuses its efforts in the southern portion of the Magellan system which covers all of Oklahoma, parts of Arkansas as well as eastern Missouri, and all other Magellan terminals. The pipeline system is also able to flow in the opposite direction, providing access to Texas markets as well as some adjoining states with pipeline connections. Wynnewood also sells jet fuel to the U.S.

Department of Defense via its segregated truck rack and can offer asphalts, solvents and other specialty products via both truck and rail.

Customers

Customers for the refined petroleum products primarily include retailers, railroads, and farm cooperatives and other refiners/marketers in Group 3 of the PADD II region because of their relative proximity to the refineries and pipeline access. The petroleum business sells bulk products to long-standing customers at spot market prices based on a Group 3 basis differential to prices quoted on the New York Mercantile Exchange ("NYMEX"), which are reported by industry market-related indices such as Platts and Oil Price Information Service.

The petroleum business also has a rack marketing business supplying product through tanker trucks directly to customers located in proximity to the Coffeyville and Wynnewood refineries, as well as to customers located at throughput terminals on refined products distribution systems run by Magellan and NuStar. Rack sales are at posted prices that are influenced by competitor pricing and Group 3 spot market differentials. Additionally, the Wynnewood refinery supplies jet fuel to the U.S. Department of Defense. For the year ended December 31, 2015, the two largest customers accounted for approximately 14% and 9% of the petroleum business net sales and approximately 53% of the petroleum business net sales were made to its ten largest customers.

Competition

The petroleum business competes primarily on the basis of price, reliability of supply, availability of multiple grades of products and location. The principal competitive factors affecting its refining operations are cost of crude oil and other feedstock costs, refinery complexity, refinery efficiency, refinery product mix and product distribution and transportation costs. The location of the refineries provides the petroleum business with a reliable supply of crude oil and a transportation cost advantage over its competitors. The petroleum business primarily competes against five refineries operated in the mid-continent region. In addition to these refineries, the refineries compete against trading companies, as well as other refineries located outside the region that are linked to the mid-continent market through an extensive product pipeline system. These competitors include refineries located near the Gulf Coast and the Texas panhandle region. The petroleum business refinery competition also includes branded, integrated and independent oil refining companies, such as Phillips 66 Company, HollyFrontier Corporation, CHS Inc., Valero Energy Corporation

and Flint Hills Resources LLC.

Seasonality

The petroleum business experiences seasonal effects as demand for gasoline products is generally higher during the summer months than during the winter months due to seasonal increases in highway traffic and road construction work. Demand for diesel fuel is higher during the planting and harvesting seasons. As a result, the petroleum business' results of operations for the first and fourth calendar quarters are generally lower compared to its results for the second and third calendar

quarters. In addition, unseasonably cool weather in the summer months and/or unseasonably warm weather in the winter months in the markets in which the petroleum business sells its petroleum products can impact the demand for gasoline and diesel fuel. The demand for asphalt is also seasonal and is generally higher during the months of March through October.

Nitrogen Fertilizer Business

CVR owns its nitrogen fertilizer business through its interest in CVR Partners. The nitrogen fertilizer business is the only nitrogen fertilizer plant in North America that utilizes a pet coke gasification process to produce nitrogen fertilizer products, which are used primarily by farmers to improve the yield and quality of their crops. The nitrogen fertilizer facility includes a 1,300 ton-per-day ammonia unit, a 3,000 ton-per-day UAN unit and a gasifier complex having a capacity of 89 million standard cubic feet per day of hydrogen. The nitrogen fertilizer business' principal products are UAN and ammonia which are manufactured at its facility in Coffeyville, Kansas and sold on a wholesale basis. The nitrogen fertilizer business' product sales are heavily weighted toward UAN.

Raw Material Supply

The nitrogen fertilizer facility's primary input is pet coke. In contrast, substantially all of the nitrogen fertilizer business' competitors use natural gas as their primary raw material feedstock. Historically, pet coke has been less expensive than natural gas on a per ton of fertilizer produced basis. The nitrogen fertilizer facility's pet coke gasification process results in a significantly higher percentage of fixed costs than a natural gas-based fertilizer plant. During the past five years, over 70% of the nitrogen fertilizer business' pet coke requirements on average were supplied by CVR Refining's adjacent crude oil refinery pursuant to a renewable long-term agreement. Historically the nitrogen fertilizer business has obtained the remainder of its pet coke requirements from third parties such as other Midwestern refineries or pet coke brokers at spot-prices. CVR Partners is party to a pet coke supply agreement with HollyFrontier Corporation. The term of this agreement expires in December 2016. If necessary, the gasification process can be modified to operate on coal as an alternative, which provides an additional raw material source. There are significant supplies of coal within a 60-mile radius of the nitrogen fertilizer plant.

Distribution, Sales and Marketing

The primary geographic markets for the nitrogen fertilizer business' fertilizer products are Kansas, Missouri, Nebraska, Iowa, Illinois, Colorado and Texas. The nitrogen fertilizer business markets the UAN products to agricultural customers and the ammonia products to industrial and agricultural customers. UAN and ammonia are distributed by truck or by railcar. If delivered by truck, products are sold on a freight-on-board basis, and freight is normally arranged by the customer. The nitrogen fertilizer business leases and owns a fleet of railcars for use in product delivery. The nitrogen fertilizer business operates eight rail loading and two truck loading racks for UAN. It also operates four rail loading and two truck loading racks for ammonia. The nitrogen fertilizer business owns all of the truck and rail loading equipment at the nitrogen fertilizer facility. The nitrogen fertilizer business also utilizes two separate UAN storage tanks and related truck and railcar load-out facilities. Each of these facilities, located in Phillipsburg and Dartmouth, Kansas, has a UAN storage tank that has a capacity of two million gallons, or approximately 10,000 tons. The Phillipsburg property that the terminal was constructed on is owned by a subsidiary of CVR Refining, which operates the terminal. The Dartmouth terminal is located on leased property owned by the Pawnee County Cooperative Association, which operates the terminal. The purpose of the UAN terminals is to collectively distribute approximately 40,000 tons of UAN fertilizer annually. The nitrogen fertilizer business markets agricultural products to destinations that produce strong margins. The UAN market is primarily located near the Union Pacific Railroad lines or destinations that can be supplied by truck. The ammonia market is primarily located near the Burlington Northern Santa Fe or Kansas City Southern Railroad lines or destinations that can be supplied by truck.

The nitrogen fertilizer business often uses forward sales of fertilizer products to optimize its asset utilization, planning process and production scheduling. These sales are made by offering customers the opportunity to purchase product on a forward basis at prices and delivery dates that it proposes. The nitrogen fertilizer business uses this program to varying degrees during the year and between years depending on market conditions and has the flexibility to increase or decrease forward sales depending on management's view as to whether price environments will be increasing or decreasing. Fixing the selling prices of nitrogen fertilizer products months in advance of their ultimate delivery to customers typically causes the nitrogen fertilizer business reported selling prices and margins to differ from spot

market prices and margins available at the time of shipment.

Customers

The nitrogen fertilizer business sells UAN products to retailers and distributors. In addition, it sells ammonia to agricultural and industrial customers. Some of its larger customers include Crop Production Services, Inc., Gavilon

Fertilizer, LLC, Interchem, J.R. Simplot, Inc., MFA Incorporated and United Suppliers, Inc. Given the nature of its business, and consistent with industry practice, the nitrogen fertilizer business does not have long-term minimum purchase contracts with its UAN and ammonia customers.

For the year ended December 31, 2015, the top five customers of the nitrogen fertilizer business in the aggregate represented 39% of the nitrogen fertilizer business' net sales. The nitrogen fertilizer business' top two customers accounted for approximately 14% and 10%, respectively, of the nitrogen fertilizer business' net sales.

Competition

Competition in the nitrogen fertilizer industry is dominated by price considerations. However, during the spring and fall application seasons, farming activities intensify and delivery capacity is a significant competitive factor. The nitrogen fertilizer business maintains a large fleet of leased and owned railcars and seasonally adjusts inventory to enhance its manufacturing and distribution operations.

The nitrogen fertilizer business' major competitors include Agrium, Inc.; Koch Nitrogen Company, LLC; Potash Corporation of Saskatchewan, Inc.; CF Industries Holdings, Inc. and Terra Nitrogen Company, LP. Domestic competition is intense due to customers' sophisticated buying tendencies and competitor strategies that focus on cost and service. The nitrogen fertilizer business also encounters competition from producers of fertilizer products manufactured in foreign countries. In certain cases, foreign producers of fertilizer who export to the United States may be subsidized by their respective governments.

Based on third-party expert data regarding total United States demand for UAN and ammonia, CVR Partners estimates that its nitrogen fertilizer plant's UAN capacity in 2015 represented approximately 7% of total U.S. UAN demand and that the net ammonia produced and marketed at its facility represented less than 1% of total U.S. ammonia demand.

Seasonality

Because the nitrogen fertilizer business primarily sells agricultural commodity products, its business is exposed to seasonal fluctuations in demand for nitrogen fertilizer products in the agricultural industry. As a result, the nitrogen fertilizer business typically generates greater net sales in the first half of each calendar year, which is referred to as the planting season, and its net sales tend to be lower during the second half of each calendar year, which is referred to as the fall season.

Environmental Matters

CVR's petroleum and nitrogen fertilizer businesses are subject to extensive and frequently changing federal, state and local, environmental and health and safety laws and regulations governing the emission and release of hazardous substances into the environment, the treatment and discharge of waste water, the storage, handling, use and transportation of petroleum and nitrogen products, and the characteristics and composition of gasoline and diesel fuels. These laws and regulations, their underlying regulatory requirements and the enforcement thereof impact the petroleum business and operations and the nitrogen fertilizer business and operations by imposing:

- restrictions on operations or the need to install enhanced or additional controls;
- the need to obtain and comply with permits, licenses and authorizations;
- requirements for the investigation and remediation of contaminated soil and groundwater at current and former facilities (if any) and liability for off-site waste disposal locations; and
- specifications for the products marketed by the petroleum business and the nitrogen fertilizer business, primarily gasoline, diesel fuel, UAN and ammonia.

CVR's operations require numerous permits, licenses and authorizations. Failure to comply with these permits or environmental laws and regulations could result in fines, penalties or other sanctions or a revocation of CVR's permits. In addition, the laws and regulations to which CVR is subject are often evolving and many of them have become more stringent or have become subject to more stringent interpretation or enforcement by federal or state agencies. The ultimate impact on CVR's compliance with evolving laws and regulations is not always clearly known or determinable due in part to the fact that its operations may change over time and certain implementing regulations for laws, such as the federal Clean Air Act, have not yet been finalized, are under governmental or judicial review or are being revised. These laws and regulations could result in increased capital, operating and compliance costs.

Renewable Fuel Standards

Refer to Part I, Item 1A, Risk Factors-Energy, If sufficient renewable identification numbers ("RINs") are unavailable for purchase, if the petroleum business has to pay a significantly higher price for RINs or if the petroleum business is otherwise unable to meet the EPA's RFS mandates, the petroleum business' financial condition and results of operations could be

materially adversely affected, and Note 17, "Commitments and Contingencies-Energy," to the consolidated financial statements for further discussion of Renewable Fuel Standards ("RFS") of the United States Environmental Protection Agency's ("EPA").

Safety, Health and Security Matters

CVR is subject to a number of federal and state laws and regulations related to safety, including the Occupational Safety and Health Act ("OSHA") and comparable state statutes, the purpose of which are to protect the health and safety of workers. CVR is subject to OSHA Process Safety Management regulations, which are designed to prevent or minimize the consequences of catastrophic releases of toxic, reactive, flammable or explosive chemicals.

CVR operates a comprehensive safety, health and security program, with participation by employees at all levels of the organization. CVR has developed comprehensive safety programs aimed at preventing OSHA recordable incidents. Despite CVR's efforts to achieve excellence in its safety and health performance, there can be no assurances that there will not be accidents resulting in injuries or even fatalities. CVR routinely audits its programs and consider improvements in its management systems.

The Wynnewood refinery has been the subject of a number of OSHA inspections since 2006. As a result of these inspections, the Wynnewood refinery entered into four OSHA settlement agreements in 2008, pursuant to which it has agreed to undertake certain studies, conduct abatement activities, and revise and enhance certain OSHA compliance programs. The remaining costs associated with implementing these studies, abatement activities and program revisions are not expected to exceed \$1 million.

Refer to Note 17, "Commitments and Contingencies-Energy," to the consolidated financial statements for further discussion of OSHA matters related to the Wynnewood refinery boiler explosion.

Employees

As of December 31, 2015, our Energy segment had 968 employees.

As of December 31, 2015, approximately 54% of the employees at the Coffeyville refinery were covered by a collective bargaining agreement. These employees are affiliated with five unions of the Metal Trades Department of the AFL-CIO ("Metal Trade Unions") and the United Steel, Paper and Forestry, Rubber, Manufacturing, Energy, Allied Industrial and Service Workers International Union, AFL-CIO-CLC ("United Steelworkers"). The petroleum business is a party to a collective bargaining agreement with the Metal Trade Unions covering union members who work directly at the Coffeyville refinery. The agreement expires in March 2019. In addition, a collective bargaining agreement with the United Steelworkers, which covers the balance of the petroleum business' unionized employees who work in crude transportation expires in March 2017 and automatically renews on an annual basis thereafter unless a written notice is received sixty days in advance of the relevant expiration date.

As of December 31, 2015, approximately 59% of the employees employed at the Wynnewood refinery were represented by the International Union of Operating Engineers. The collective bargaining agreement with the International Union of Operating Engineers with respect to the Wynnewood refinery expires in June 2017.

Metals

Background

We conduct our Metals segment through our indirect wholly owned subsidiary, PSC Metals, Inc. ("PSC Metals"). PSC Metals is principally engaged in the business of collecting, processing and selling ferrous and non-ferrous metals, as well as the processing and distribution of steel pipe and plate products. PSC Metals collects industrial and obsolete scrap metal, processes it into reusable forms, and supplies the recycled metals to its customers, including electric-arc furnace mills, integrated steel mills, foundries, secondary smelters and metals brokers. These services are provided through PSC Metals' recycling facilities located in eight states. PSC Metals also operates a steel products business that includes the supply of secondary plate and structural grade pipe that is sold into niche markets for counterweights, piling and foundations, construction materials and infrastructure end-markets.

The scrap market in which PSC Metals operates is highly dependent on overall economic conditions in the U.S. and other global markets. Economic conditions in the U.S. were mixed in 2015 as compared to 2014 with the first half of 2015 stronger in PSC Metals' markets and the second half of 2015 more challenging. Deteriorating economic conditions outside the U.S. combined with a strong U.S. dollar, weakened an already depressed scrap export market, resulting in tons that would have previously been exported being offered to domestic consumers. The strong dollar

also encouraged increased steel imports that put pressure on domestic steel mill capacity utilization and resulted in increasing domestic steel inventories in 2015. Also during 2015, iron ore prices dropped significantly, improving the economics of that alternative to processed scrap for steel

producers. The combined effect of these events on the scrap market was increased competition for decreasing domestic demand, and scrap prices falling by end of 2015, to the lowest levels since 2009. On the supply side, competition for shredder feedstock remained intense and margins remained under pressure in 2015. Unstable, and decreasing market pricing throughout 2015 had the effect of reducing flows from peddlers and dealers while at the same time reducing margins. We cannot predict whether, or how long, current market conditions will continue to persist.

The Ferrous Scrap Metal Business

PSC Metals' ferrous products include busheling, plate and structural, shredded, sheared and bundled scrap metal and other purchased scrap metal such as turnings (steel machining fragments), cast furnace iron and broken furnace iron. PSC Metals processes the scrap into a size, density and purity required by customers to meet their production needs. PSC Metals purchases processed and unprocessed ferrous scrap metal from various sources, including individuals and traditional scrap yards as well as industrial manufacturers who recycle the scrap from their metal-forming processes and steel mills who look to PSC Metals to remarket secondary product they would otherwise scrap. PSC Metals sets the price paid to its suppliers based on market factors such as the demand and price for processed material and the underlying metal content of the scrap material being purchased. Changes in scrap prices could cause the collection rates of scrap to increase (when prices are higher) or decrease (when prices are lower). The variation in prices and collection rates can have a significant effect on sales volumes through PSC Metals' scrap yards. Scrap material is processed in PSC Metals' recycling yards where it is shredded, cut, broken, sheared, sorted and classified for use as raw material in the steel-making process. PSC Metals then sells processed ferrous scrap to end-users such as steel producing mini-mills and integrated steel makers and foundries, as well as brokers who aggregate materials for other large users. Additionally, a significant amount of valuable, non-ferrous metal is also recovered as a by-product of the shredding process, which is sold separately as discussed below.

The Non-ferrous Scrap Metal Business

The primary non-ferrous commodities that PSC Metals recycles are aluminum, copper, brass, stainless steel and other nickel-bearing metals. Non-ferrous products are a significant raw material in the production of aluminum and copper alloys used in manufacturing. The geographic markets for non-ferrous scrap tend to be larger than those for ferrous scrap due to the higher selling prices of non-ferrous metals relative to their weight, which justify the cost of shipping over greater distances. Non-ferrous scrap is typically sold on a spot basis, either directly or through brokers, to intermediate or end-users, which include smelters, foundries and aluminum sheet and ingot manufacturers. Prices for non-ferrous scrap are driven by demand for finished non-ferrous metal goods and by the general level of economic activity, with prices generally related to the price of the primary metal on the London Metals Exchange, Chicago Mercantile Exchange or the New York Commodity Exchange.

Strategy

PSC Metals is focused on growing and diversifying its core ferrous business by improving operating efficiencies through better use of its assets, lowering its cost structure and continuing to expand its non-ferrous business through both acquisitions and organic growth. PSC Metals seeks to acquire companies that will enable it to increase and maintain a consistent supply of scrap and capture efficiencies associated with an appropriate level of vertical integration.

Raw Materials/Competition

The scrap metal recycling industry is highly competitive, cyclical in nature, and commodity-based. Operating results tend to reflect and be amplified by changes in general global economic conditions, which in turn drive domestic and overseas manufacturing and the consumption of scrap in the production of steel and foundry products. The demand for product and production activity of PSC Metals' scrap consumers drives market pricing levels in PSC Metals' ferrous and non-ferrous scrap sales. Demand is driven by mill production schedules related to regional manufacturing requirements and service center stocking levels. Due to the lower selling prices of ferrous metals relative to their weight, raw ferrous scrap is generally purchased locally. Ferrous scrap prices are local and regional in nature. Where there are overlapping regional markets, however, prices do not tend to differ significantly between the regions due to the ability of companies to ship scrap metal from one region to another. The most significant limitation on the size of the geographic market for the procurement of ferrous scrap is transportation cost. This leads to significant fluctuations in demand and pricing for PSC Metals' products. The steel products business is less cyclical but is affected by the rate

of secondary product generated by steel mills generating these products and the market demands in plate and pipe markets.

Customers

Our Metals segment had two customers in 2015 that represented approximately 25% of its net sales, one of which individually accounted for approximately 19% of its net sales. No other customer accounted for more than 6% of our Metals segment's net sales in 2015.

Employees

As of December 31, 2015, PSC Metals had 666 employees, of which 115 employees were covered by collective bargaining agreements.

Railcar

Background

We conduct our Railcar segment through our majority ownership interests in American Railcar Industries, Inc. ("ARI") and American Railcar Leasing, LLC ("ARL").

As discussed further in Note 3, "Operating Units - Railcar," to the consolidated financial statements, pursuant to a contribution agreement (the "ARL Contribution Agreement") dated September 20, 2013 and with a closing date on October 2, 2013 among AEP Rail Corp. ("AEP"), IRL Holding LLC ("IRL"), ARL and IEP Energy Holding LLC, we acquired a 75% economic interest in the newly capitalized ARL. ARL is considered an entity under common control that requires us to consolidate the financial results of ARL on an as-if-pooling basis.

On August 17, 2012, AEP Leasing LLC ("AEP Leasing"), a wholly owned subsidiary of Icahn Enterprises, was formed for the purpose of leasing railcars. Pursuant to the ARL Contribution Agreement, we contributed AEP Leasing, including its fleet of railcars, to ARL.

As of December 31, 2015, we owned approximately 59.8% of the total outstanding common stock of ARI and had a 75.0% economic interest in ARL.

Business

ARI is one of the leading North American designers and manufacturers of hopper and tank railcars. ARI provides its railcar customers with integrated solutions through a comprehensive set of high-quality products and related services through its manufacturing, leasing and railcar services operations. ARI's manufacturing consists of railcar manufacturing and railcar and industrial component manufacturing. ARI's Railcar services consist of railcar repair, engineering and field services.

ARL is engaged in the business of leasing railcars to customers with specific requirements whose products require specialized railcars dedicated to transporting, storing, and preserving the integrity of their products. These products are primarily in the energy, food and agriculture, chemical, minerals and petrochemical industries.

ARI's and ARL's railcar leasing business consists of railcars manufactured primarily by ARI and leased to third parties under operating leases. ARI's leasing business is operated under lease management agreements with ARL through which ARL markets ARI's railcars for sale or lease and acts as ARI's manager to lease railcars on ARI's behalf for a fee. ARI is a reporting company under the Exchange Act and files annual, quarterly and current reports, proxy statements and other information with the SEC that is publicly available.

Customers

Our Railcar segment's primary customers include those that use railcars for freight transport, or shippers, leasing companies, industrial companies and Class I railroads. In servicing this customer base our Railcar segment believes its comprehensive railcar services offerings and its railcar components manufacturing operations will help our Railcar segment to further penetrate the general railcar manufacturing and leasing market.

Products and Services

ARI designs, manufactures and sells special, customized and general purpose railcars and a wide range of components primarily for the North American railcar and industrial markets. ARI primarily manufactures two types of railcars, hopper and tank railcars, but has the ability to produce additional railcar types. In addition, ARI offers these same railcars for lease. ARI also supports the railcar industry by offering a variety of comprehensive railcar repair services, ranging from full to light repair, engineering and on-site repairs and maintenance through its various repair facilities, including mobile units and mini shops.

ARI and ARL offer customers the option to lease their railcars through various leasing options, including full service leases. Maintenance of leased railcars can be provided, in part, through ARI's railcar repair and refurbishment facilities. The railcars in ARI's and ARL's lease fleet are leased to shippers with lease terms generally ranging from two to ten years. Our Railcar segment's combined railcar lease fleet consists of 45,050 railcars as of December 31, 2015.

ARI's railcar services group focuses on railcar repair, engineering and field services. Its primary customers for services provided by this group are leasing companies and shippers of specialty hopper and tank railcars. ARI's railcar services provide it insight into its customers' railcar needs. ARI uses this knowledge to improve its service and product offerings.

Competition

The railcar manufacturing industry has historically been extremely competitive. ARI competes primarily with Trinity Industries, Inc. ("Trinity"), The Greenbrier Companies, Inc., Freight Car America Inc., National Steel Car Limited and Union Tank Car Company ("Union Tank"). Competitors have expanded and may continue to expand their capabilities in ARI's core railcar markets.

The railcar leasing industry has also been historically extremely competitive. Both ARI and ARL compete primarily with Wells Fargo Rail Corp., GATX Corp., CIT Group, Trinity and Union Tank in the railcar leasing market.

Employees

As of December 31, 2015, ARI had 2,407 full-time employees, of which approximately 7% were party to domestic collective bargaining agreements.

As of December 31, 2015, ARL had 57 full-time employees.

Gaming

Background

We conduct our Gaming segment through our majority ownership in Tropicana Entertainment Inc. ("Tropicana"). Tropicana is a reporting company under the Exchange Act and files annual, quarterly and current reports, proxy statements and other information with the SEC that are publicly available.

As of December 31, 2015, we owned approximately 67.9% of the total outstanding common stock of Tropicana.

Business

Tropicana is an owner and operator of regional casino and entertainment properties located in the United States and one casino resort development located on the island of Aruba. On April 1, 2014, Tropicana acquired an additional casino resort in Missouri. Tropicana primarily caters to local and regional guests to provide a fun and exciting gaming environment with high-quality and high-value lodging, dining, retail and entertainment amenities. Tropicana's properties offer a broad array of gaming options specifically tailored for its patrons in each market. Tropicana's properties include the following casinos:

- Tropicana Laughlin Hotel and Casino - Laughlin, Nevada;
- Lumière Place Casino - St. Louis, Missouri;
- Montbleu Casino Resort & Spa - South Lake Tahoe, Nevada;
- Tropicana AC - Atlantic City, New Jersey;
- Tropicana Evansville - Evansville, Indiana;
- Belle of Baton Rouge Casino and Hotel - Baton Rouge, Louisiana;
- Tropicana Greenville - Greenville, Mississippi; and
- Tropicana Aruba - Palm Beach, Aruba.

Competition

Tropicana owns land-based and riverboat casino facilities in six states and one casino resort located on the island of Aruba. Tropicana competes with numerous casinos and casino hotels of varying quality and size in the markets in which its properties are located and with other forms of legalized gaming, including state-sponsored lotteries, racetracks, off-track wagering, video lottery, video poker terminals and card parlors. Tropicana also competes with other non-gaming resorts and vacation areas, and with various other entertainment businesses. The casino entertainment business is characterized by competitors that vary considerably by their size, quality of facilities, number of operations, brand identities, marketing and growth strategies, financial strength and capabilities, level of amenities, management talent and geographic diversity.

In most markets, Tropicana competes directly with other casino facilities operating in the immediate and surrounding market areas, including casinos located on Native American reservations. In some markets, Tropicana faces competition from nearby markets in addition to direct competition within its market areas.

Tropicana believes competition in existing markets has intensified over the last several years, due to new markets opening for development, overall challenging economic conditions and decreased spending on leisure activities. Many casino operators have invested in expanding existing facilities, developing new facilities, and acquiring established facilities in existing markets. The expansion of casino entertainment at existing properties, the increase in the number of properties and the aggressive marketing strategies of many of our competitors has increased competition in many

markets in which Tropicana competes, and it expects this intense competition to continue.

Tropicana's operating results can be adversely affected by costs associated with advertising, promotions and complimentary services to patrons, the amount and timing of which may be affected by the advertising and complimentary policies and actions of its properties' competitors and its efforts to keep pace with them. If Tropicana's operating revenues are insufficient to allow it to match the promotions of competitors, the number of its casino patrons may decline, which may have a material adverse effect on our Gaming segment's financial performance. In addition, some of Tropicana's competitors have significantly greater financial resources than it does, and as a result Tropicana may not be able to successfully compete with them in the future.

Trademarks

Tropicana uses a variety of trade names, service marks and trademarks and has all the rights and licenses necessary to conduct its continuing operations. Tropicana has registered several service marks and trademarks with the United States Patent and Trademark Office or otherwise acquired the licenses to use those which are material to the conduct of its business. Tropicana owns the following federally registered trademarks or service marks that are material to its business: MontBleu, Aztar, Trop, Tropicana, Belle of Baton Rouge, Trop Advantage, the Quarter at Tropicana and Lumière.

Tropicana Trademarks

Tropicana along with certain entities that own Tropicana Las Vegas ("Tropicana LV") are parties to a trademark Settlement Agreement (the "Settlement Agreement") governing the respective rights of the parties to the "Tropicana" trademark. Pursuant to the Settlement Agreement, which became effective on September 28, 2011, the Tropicana LV entities, subject to certain advertising exceptions and other terms and conditions set forth in the Settlement Agreement, have perpetual exclusive rights to use the names, trademarks, and/or service marks (the "Marks") TROPICANA LAS VEGAS (or TROP LAS VEGAS) and TROPICANA LV (or TROP LV) (the "TLV Marks", as defined in the Settlement Agreement) in conjunction with its services ("Services", as defined in the Settlement Agreement) in the City of Las Vegas, Nevada and within a 50-mile radius of the front entrance of the Tropicana Las Vegas Hotel and Casino located at 3801 Las Vegas Boulevard South, Las Vegas, Nevada (the "TLV Territory") along with certain rights to use the TLV Marks on the Internet without geographic limitation and to register the TLV Marks as domain names. Tropicana and its affiliates, subject to certain advertising exceptions and other terms and conditions set forth in the Settlement Agreement, have perpetual exclusive worldwide rights (excluding the TLV Territory) to use the TROPICANA and TROP Marks coupled with either a pre-existing identifier of its Services (such as "TROPICANA ENTERTAINMENT" or "TROP ADVANTAGE") or an accurate geographic identifier of the location of a Tropicana Entertainment property (other than LAS VEGAS or the name of any city within the TLV Territory) (the "TE Marks") along with certain rights to use the TE Marks on the Internet without geographic limitation and to register the TE Marks as domain names.

Seasonality

Tropicana's cash flows from operating activities are seasonal in nature. Operating results are traditionally the strongest in the third quarter and traditionally the weakest during the fourth quarter. Any excess cash flows achieved from operations during the peak seasons are used to subsidize non-peak seasons. Performance in non-peak seasons is usually dependent on favorable weather and a long-weekend holiday calendar. In the event that Tropicana is not able to generate excess cash flows during the peak seasons, it may not be able to fully subsidize non-peak seasons.

Governmental Regulation

The ownership and operation of Tropicana's gaming facilities are subject to pervasive regulation under the laws and regulations of each of the six states in which it operates as well as in Aruba where Tropicana operates a small casino. Gaming laws generally are based upon declarations of public policy designed to protect gaming consumers and the viability and integrity of the gaming industry. Gaming laws also may be designed to protect and maximize state and local revenues derived through taxes and licensing fees imposed on the gaming industry participants as well as to enhance economic development and tourism. To accomplish these public policy goals, gaming laws establish procedures to ensure that participants in the gaming industry meet certain standards of character and fitness. Typically, a jurisdiction's regulatory environment is established by statute and is administered by a regulatory agency with broad discretion to regulate, among other things, the affairs of owners, managers and persons with financial interests in gaming operations.

Licensing

Gaming laws require Tropicana and certain of its subsidiaries, as well as its directors, officers (with respect to corporations), managers (with respect to limited liability companies), and certain other key employees and, in some cases, certain of its shareholders (with respect to corporations), members (with respect to limited liability companies), and holders of debt securities, to obtain licenses, findings of suitability or other approvals from gaming authorities. Licenses or findings of

suitability typically require a determination that the applicant is suitable or otherwise qualified to hold the license or the finding of suitability necessary to hold equity, debt securities or position with the gaming licensee or its affiliated entities. Where not mandated by statute, rule or regulation, gaming authorities generally have broad discretion in determining who must come forward for suitability and whether an applicant qualifies for licensing or should be deemed suitable or otherwise qualified.

Other Regulations

Tropicana is subject to various federal, state and local laws and regulations. These laws and regulations include, but are not limited to, restrictions and conditions concerning alcoholic beverages, environmental matters, currency transactions, employees, taxation, zoning and building codes, marketing and advertising, vessels and permanently moored craft. Such laws and regulations could change or could be interpreted differently in the future, or new laws and regulations could be enacted. Material changes, new laws or regulations, or material differences in interpretations by courts or governmental authorities could adversely affect Tropicana's business.

Employees

As of December 31, 2015, Tropicana had approximately 7,100 employees and had collective bargaining agreements with several unions covering approximately 2,700 of those employees, substantially all of whom are employed at Tropicana AC, Lumière Place Casino, Belle of Baton Rouge and Tropicana Evansville. Tropicana periodically experiences challenges in negotiating collective bargaining agreements with certain unions. In September 2014, a collective bargaining agreement with UNITE HERE Local 54 covering approximately 1,100 employees at Tropicana AC expired and Tropicana AC is presently operating without an agreement with this union.

Mining

Background

We conduct our Mining segment through our majority ownership in Ferrous Resources Ltd ("Ferrous Resources"). As discussed below, we obtained control of and consolidated the results of Ferrous Resources during the second quarter of 2015.

Ferrous Resources acquired certain rights to iron ore mineral resources in Brazil and develops mining operations and related infrastructure to produce and sell iron ore products to the global steel industry. Ferrous Resources has acquired significant iron ore assets in the State of Minas Gerais, Brazil, known as Viga, Viga Norte, Esperança, Serrinha and Santanense. In addition, Ferrous Resources has acquired certain mineral rights near Jacuípe in the State of Bahia, Brazil. Of the assets acquired, Viga, Esperança and Santanense are already extracting and producing iron ore, while the other assets are at an early stage of exploration.

In response to the current depressed iron ore price environment, Ferrous Resources decided to temporarily suspend Esperança's and Santanense's operations during the first quarter of 2015 in order to study alternatives to further reduce cost of production and improve product quality and therefore to improve profitability and margin per metric ton.

Acquisition

On April 25, 2015, IEP Ferrous Brazil LLC ("IEP Ferrous"), a wholly owned subsidiary of ours, entered into an agreement which provided that IEP Ferrous would launch a tender offer to purchase any and all of the outstanding shares of Ferrous Resources for \$0.36 per share and backstop a certain rights offering of up to \$40 million.

Prior to the tender offer, IEP Ferrous owned approximately 14.1% of the total outstanding shares of Ferrous Resources. As a result of the tender offer, IEP Ferrous obtained control of Ferrous Resources through the purchase of additional shares of Ferrous Resources on June 8, 2015 (the acquisition date), and additional shares of Ferrous Resources on June 26, 2015 for a combined aggregate tender consideration of \$180 million. In addition, on June 26, 2015, pursuant to a certain rights offering, we purchased additional shares of Ferrous Resources for an aggregate consideration of \$29 million.

As of December 31, 2015, we owned approximately 77.2% of the total outstanding common stock of Ferrous Resources.

Strategy

The economic viability of Ferrous Resources' business is highly dependent on the market price of iron ore. Ferrous Resources' longer-term strategy is to produce and sell iron ore products in the domestic Brazilian market, as well as to the export markets, principally China, Japan, Korea, the Middle East and also potentially Europe. Future revenues will

depend on Brazilian and global demand levels for iron ore, iron ore international sales prices, the type of iron ore product it sells and the iron content of those products. Iron ore prices (including sale prices in Brazil) are largely driven by global demand for crude steel, the primary driver for iron ore demand.

For Ferrous Resources, the key performance driver has historically been from demand for raw materials from Chinese steelmakers. For the period June 1, 2015 through December 31, 2015, Ferrous Resources has been concentrating on sales in Brazil, where the best margins are being captured. During the fourth quarter of 2015, both domestic and global steel industries continued to show weakness as steel mills' utilization rates have not recovered and iron ore prices remain weak.

Competition

The iron ore industry is characterized by intense competition and a high level of market concentration. Ferrous Resources competes with a number of large international mining companies, many of which have mineral and financial resources substantially greater than those of Ferrous Resources.

Customers

Ferrous Resources currently sells its products in the domestic Brazilian market to two main customers, one of which accounted for 89% of our Mining segment's net sales for the period June 1, 2015 through December 31, 2015.

Employees

As of December 31, 2015, Ferrous Resources had 935 employees.

Food Packaging

Background

We conduct our Food Packaging segment through our majority ownership in Viskase Companies, Inc. ("Viskase"). As of December 31, 2015, we owned approximately 73.3% of the total outstanding common stock of Viskase.

Business

Viskase is a worldwide leader in the production and sale of cellulosic, fibrous and plastic casings for the processed meat and poultry industry. Viskase operates nine manufacturing facilities, six distribution centers and three service centers throughout North America, Europe, South America and Asia. Viskase provides value-added support services relating to these products for some of the world's largest global consumer products companies. Viskase believes it is one of the two largest worldwide producers of non-edible cellulosic casings for processed meats and one of the three largest manufacturers of non-edible fibrous casings.

Business Strategy

Viskase's business strategy is to continue to improve operational efficiencies, product quality and throughput by upgrading existing production facilities and adding resources in high growth markets through new capital investments. Viskase has been successful in implementing production cost-savings initiatives and will continue to pursue similar opportunities that enhance its profitability and competitive positioning as a leader in the casing market. Opportunities to reduce extrusion, shirring and printing waste are also feasible at several of Viskase's facilities through upgraded equipment and an ongoing effort to redefine product mix.

International

Viskase has seven manufacturing or finishing facilities located outside the continental United States: Monterrey, Mexico; Beauvais, France; Th on-les-Vosges, France; Caronno, Italy; Warsaw, Poland; Clark Freeport Zone, Philippines; and Atibaia, Brazil. Viskase continues to explore opportunities to expand in emerging markets. Net sales from customers located outside the United States represented approximately 70% of its total net sales in 2015.

Viskase's operations in France are responsible for distributing products, directly or through distributors, in Europe, Africa, the Middle East and parts of Asia. While overall consumption of processed meat products in North America and Western Europe is stable, market growth is driven by increasing demand in Eastern Europe, South America and the Asia Pacific region.

Employees

As of December 31, 2015, Viskase had 2,030 employees worldwide, of which 495 employees were covered under collective bargaining agreements.

Real Estate

Background

Our Real Estate operations consist of rental real estate, property development and associated club activities.

Our rental real estate operations consist primarily of retail, office and industrial properties leased to single corporate tenants. As of December 31, 2015, we owned 15 commercial rental real estate properties. We sold 14 commercial rental properties during the year ended December 31, 2015. Historically, substantially all of our real estate assets leased to others have been net-leased under long-term leases. With certain exceptions, these tenants are required to pay all expenses relating to the leased property and, therefore, we are typically not responsible for payment of expenses, including maintenance, utilities, taxes, insurance or any capital items associated with such properties. Our property development operations are run primarily through Bayswater Development LLC, a real estate investment, management and development subsidiary that focuses primarily on the construction and sale of single-family and multi-family homes, lots in subdivisions and planned communities and raw land for residential development. Our New Seabury development property in Cape Cod, Massachusetts and our Grand Harbor development property in Vero Beach, Florida include land for future residential development of approximately 239 and 1,128 units of residential housing, respectively. Both our developments operate golf and club operations as well. During the year ended December 31, 2015, we sold the Oak Harbor development and operations in Vero Beach, Florida, which was historically operated as part of the Grand Harbor development property. Our long-term investment horizon and operational expertise allow us to acquire properties with limited current income and complex entitlement and development issues.

In addition, our Real Estate segment owns an unfinished development property and a partially developed casino, located on approximately 23 acres in Las Vegas, Nevada, which is classified as assets held for sale and is located in other assets in our consolidated balance sheets as of December 31, 2015.

Strategy

Our Real Estate business strategy is based on our long-term investment outlook. We maximize the value of our commercial lease portfolio through effective management of existing properties and disposal of assets on an opportunistic basis. We continue to market our remaining residential product and to build new homes as market conditions warrant. In keeping with the Real Estate business' strategy of investing capital to grow existing operations, we actively pursue prudent acquisitions of additional commercial and residential properties at favorable prospective returns.

Seasonality

Resort operations are highly seasonal with peak activity in Cape Cod from June to September and in Florida from November to March. Sales activity for our real estate developments in Cape Cod typically peak in late winter and early spring, while in Florida our peak selling season is during the winter months.

Employees

As of December 31, 2015, our Real Estate segment had 135 employees. No employees are covered by collective bargaining agreements.

Home Fashion

Background

We conduct our Home Fashion segment through our indirect wholly owned subsidiary, WestPoint Home LLC ("WPH"). We acquired a controlling interest in WestPoint International, Inc. ("WPI") out of bankruptcy on August 8, 2005. In addition, we acquired certain preferred shares in WPI (the "Preferred Shares") during 2006. During 2011, we acquired additional shares of WPI common stock. On December 22, 2011, two of our subsidiaries, which held WPI's common and Preferred Shares, merged with and into WPI with WPI surviving the merger. As a result of the merger, among other things, (i) we became the sole owner of WPI, (ii) the Preferred Shares ceased to exist, (iii) any subscription rights to purchase WPI common stock were cancelled and (iv) minority stockholders of WPI became entitled to receive \$3.05 per share for their common stock of WPI.

Effective as of March 1, 2012, pursuant to an internal reorganization, WestPoint Home, Inc. (a wholly owned indirect subsidiary of WPI, which had previously comprised our Home Fashion business) merged into our newly created wholly owned indirect subsidiary (which was formed as a Delaware limited liability company solely for the purposes of such merger) and continued its business as a limited liability company under the name WestPoint Home LLC. In referencing WPH, we refer to WestPoint Home Inc. and WestPoint Home LLC interchangeably because the business profile of our Home Fashion segment's business did not change as a result of this reorganization.

Business

WPH's business consists of manufacturing, sourcing, marketing, distributing and selling home fashion consumer products. WPH differentiates itself in the home fashion textile industry based on its 200 plus-year heritage of providing its customers

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with: (1) a full assortment of home fashion products; (2) good customer service; (3) a superior value proposition; and (4) branded and private label products with strong consumer recognition. WPH markets a broad range of manufactured and sourced bed, bath, basic bedding and other textile products, including sheets, pillowcases, bedspreads, quilts, comforters and duvet covers, bath and beach towels, bath accessories, bed skirts, bed pillows, flocked blankets, woven blankets and throws and mattress pads.

WPH manufactures and sources its products in a wide assortment of colors and patterns from a variety of fabrics, including chambray, twill, sateen, and from a variety of fibers, including cotton, synthetics and cotton blends. WPH seeks to position its business as a single-source supplier to retailers of home fashion products, offering a broad assortment of products across multiple price points. WPH believes that product and price point breadth allows it to provide a comprehensive product offering for each major distribution channel.

WPH transitioned the majority of its manufacturing to Bahrain, a low-cost country, and continues to maintain its corporate offices and certain distribution operations in the United States.

Strategy

Beginning with its purchase of the assets of WestPoint Stevens in 2005, WPH has been focused on restructuring its business by reducing costs and improving profitability. WPH's restructuring process has taken several years and remains on-going. These actions have included moving manufacturing operations overseas, reducing labor costs, attempting to source goods at lower prices and addressing unfavorable licensing arrangements. WPH has also been focused on significant restructuring in the United States, which has included streamlining its merchandising, sales, customer service, finance divisions and its distribution process.

WPH believes its principal manufacturing facility in Bahrain allows it to benefit from competitive labor rates, attractive incentives, low energy costs and a favorable tax treaty. WPH currently has one non-U.S. manufacturing plant and one manufacturing plant and one distribution center in the United States. WPH regularly reviews the possibility of implementing additional cost-saving measures.

Brands, Trademarks and Licenses

WPH markets its products under trademarks, brand names and private labels, which it uses as merchandising tools to assist its customers in coordinating their product offerings and differentiating their products from those of their competitors.

WPH manufactures and sells its own branded line of home fashion products consisting of merchandise bearing registered trademarks that include WestPoint Home, Grand Patrician, Martex, Luxor, Modern Living and Vellux. In addition, some of WPH's home fashion products are manufactured and sold pursuant to licensing agreements under designer and brand names that include, among others, IZOD, Southern Tide, Under the Canopy and Portico.

Private label brands, also known as "store brands," are controlled by individual retail customers through use of their own brands or through an exclusive license or other arrangement with brand owners. Private label brands provide retail customers with a way to promote consumer loyalty, as the brand is owned and controlled by WPH's retail customers and not by WPH. As WPH's customer base has experienced consolidation, there has been an increasing focus on proprietary branding strategies.

The percentage of WPH's net sales derived from the sale of private label branded and unbranded products for 2015 was approximately 39%. For 2015, the percentage of WPH net sales derived from sales under brands it owns and controls was approximately 36%, and the percentage of WPH net sales derived from sales under brands owned by third parties pursuant to licensing arrangements with WPH was approximately 25%.

Customers

WPH sells its home fashion products to, chain stores, mass merchants, department stores, specialty stores and warehouse clubs, both domestically and internationally. During 2015, WPH's top four customers accounted for approximately 64% of its net sales, one of which individually accounted for approximately 25% of its net sales.

Competition

The home fashion industry is fragmented and highly competitive. Future success will, to a large extent, depend on WPH's ability to be a competitive low-cost producer. WPH competes with both foreign and domestic companies on, among other factors, the basis of price, quality, design and customer service. WPH may also face competition in the future from companies that are currently third-party suppliers to WPH. Future success depends on the ability to remain competitive in the areas of marketing, product development, price, quality, brand names, manufacturing

capabilities, distribution and order processing.

Employees

As of December 31, 2015, WPH had 2,051 employees worldwide.

Holding Company

We seek to invest our available cash and cash equivalents in liquid investments with a view to enhancing returns as we continue to assess further acquisitions of, or investments in, operating businesses.

As of December 31, 2015, we had investments with a fair market value of approximately \$3.4 billion in the Investment Funds. We may redeem our direct investment in the Investment Funds upon notice.

We conduct our activities in a manner so as not to be deemed an investment company under the Investment Company Act of 1940, as amended, or the Investment Company Act. Generally, this means that we do not invest or intend to invest in securities as our primary business and that no more than 40% of our total assets will be invested in investment securities as such term is defined in the Investment Company Act. In addition, we intend to structure our investments so as to continue to be taxed as a partnership rather than as a corporation under the applicable publicly traded partnership rules of the Internal Revenue Code of 1986, as amended, or the Code.

Available Information

Icahn Enterprises maintains a website at www.ielp.com. We provide access to our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and all amendments to those reports free of charge through this website as soon as reasonably practicable after such material is electronically filed with the SEC. Paper copies of annual and periodic reports filed with the SEC may be obtained free of charge upon written request by contacting our headquarters at the address located on the front cover of this report or under Investor Relations on our website. In addition, our corporate governance guidelines, including Code of Business Conduct and Ethics and Audit Committee Charter, are available on our website (under Corporate Governance) and are available in print without charge to any stockholder requesting them. You may obtain and copy any document we furnish or file with the SEC at the SEC's public reference room at 100 F Street, NE, Room 1580, Washington, D.C. 20549. You may obtain information on the operation of the SEC's public reference facilities by calling the SEC at 1-800-SEC-0330. The SEC maintains a website that contains reports, information statements, and other information regarding issuers like us who file electronically with the SEC. The SEC's website is located at www.sec.gov.

Item 1A. Risk Factors.

Risks Relating to Our Structure

Our general partner and its control person could exercise their influence over us to your detriment.

Mr. Icahn, through affiliates, owns 100% of Icahn Enterprises GP, the general partner of Icahn Enterprises and Icahn Enterprises Holdings, and approximately 89.0% of Icahn Enterprises' outstanding depositary units as of February 29, 2016, and, as a result, has the ability to influence many aspects of our operations and affairs.

In addition, if Mr. Icahn were to sell, or otherwise transfer, some or all of his interests in us to an unrelated party or group, a change of control could be deemed to have occurred under the terms of the indenture governing our senior notes, which would require us to offer to repurchase all outstanding senior notes at 101% of their principal amount plus accrued and unpaid interest and liquidated damages, if any, to the date of repurchase. However, it is possible that we will not have sufficient funds at the time of the change of control to make the required repurchase of notes.

We have engaged, and in the future may engage, in transactions with our affiliates.

We have invested and may in the future invest in entities in which Mr. Icahn also invests. We also have purchased and may in the future purchase entities or investments from him or his affiliates. Although Icahn Enterprises GP has never received fees in connection with our investments, our partnership agreement allows for the payment of these fees. Mr. Icahn may pursue other business opportunities in industries in which we compete and there is no requirement that any additional business opportunities be presented to us. We continuously identify, evaluate and engage in discussions concerning potential investments and acquisitions, including potential investments in and acquisitions of affiliates of Mr. Icahn. There cannot be any assurance that any potential transactions that we consider will be completed.

The market for our securities may be volatile.

The market for Icahn Enterprises' equity securities may be subject to disruptions that could cause substantial volatility in their prices. In general, economic crises have caused substantial market volatility and unrest. Any such disruptions or future volatility may adversely affect the value of your securities.

Future cash distributions to Icahn Enterprises' unitholders, if any, can be affected by numerous factors. While we made cash distributions to Icahn Enterprises' unitholders in each of the four quarters of 2015, the payment of future distributions will be determined by the board of directors of Icahn Enterprises GP, our general partner, quarterly, based on a review of a number of factors, including those described below and other factors that it deems relevant at the time that declaration of a distribution is considered.

Our ability to pay distributions will depend on numerous factors, including the availability of adequate cash flow from operations; the proceeds, if any, from divestitures; our capital requirements and other obligations; restrictions contained in our financing arrangements; and our issuances of additional equity and debt securities. The availability of cash flow in the future depends as well upon events and circumstances outside our control, including prevailing economic and industry conditions and financial, business and similar factors. No assurance can be given that we will be able to make distributions or as to the timing of any distribution. If distributions are made, there can be no assurance that holders of depositary units may not be required to recognize taxable income in excess of cash distributions made in respect of the period in which a distribution is made.

Holders of Icahn Enterprises' depositary units have limited voting rights, including rights to participate in our management.

Our general partner manages and operates Icahn Enterprises. Unlike the holders of common stock in a corporation, holders of Icahn Enterprises' outstanding depositary units have only limited voting rights on matters affecting our business. Holders of depositary units have no right to elect the general partner on an annual or other continuing basis, and our general partner generally may not be removed except pursuant to the vote of the holders of not less than 75% of the outstanding depositary units. In addition, removal of the general partner may result in a default under our debt securities. As a result, holders of depositary units have limited say in matters affecting our operations and others may find it difficult to attempt to gain control or influence our activities.

Holders of Icahn Enterprises' depositary units may not have limited liability in certain circumstances and may be personally liable for the return of distributions that cause our liabilities to exceed our assets.

We conduct our businesses through Icahn Enterprises Holdings in several states. Maintenance of limited liability will require compliance with legal requirements of those states. We are the sole limited partner of Icahn Enterprises Holdings. Limitations on the liability of a limited partner for the obligations of a limited partnership have not clearly been established in several states. If it were determined that Icahn Enterprises Holdings has been conducting business in any state without compliance with the applicable limited partnership statute or the possession or exercise of the right by the partnership, as limited partner of Icahn Enterprises Holdings, to remove its general partner, to approve certain amendments to the Icahn Enterprises Holdings partnership agreement or to take other action pursuant to the Icahn Enterprises Holdings partnership agreement, constituted "control" of Icahn Enterprises Holdings' business for the purposes of the statutes of any relevant state, Icahn Enterprises and/or its unitholders, under certain circumstances, might be held personally liable for Icahn Enterprises Holdings' obligations to the same extent as our general partner. Further, under the laws of certain states, Icahn Enterprises might be liable for the amount of distributions made to Icahn Enterprises by Icahn Enterprises Holdings.

Holders of Icahn Enterprises' depositary units may also be required to repay Icahn Enterprises amounts wrongfully distributed to them. Under Delaware law, we may not make a distribution to holders of our depositary units if the distribution causes our liabilities to exceed the fair value of our assets. Liabilities to partners on account of their partnership interests and nonrecourse liabilities are not counted for purposes of determining whether a distribution is permitted. Delaware law provides that a limited partner who receives such a distribution and knew at the time of the distribution that the distribution violated Delaware law will be liable to the limited partnership for the distribution amount for three years from the distribution date.

Additionally, under Delaware law an assignee who becomes a substituted limited partner of a limited partnership is liable for the obligations, if any, of the assignor to make contributions to the partnership. However, such an assignee is not obligated for liabilities unknown to him or her at the time he or she became a limited partner if the liabilities could not be determined from the partnership agreement.

To service our indebtedness and pay distributions with respect to Icahn Enterprises' depositary units, we require a significant amount of cash. Our ability to maintain our current cash position or generate cash depends on many factors beyond our control.

Our ability to make payments on and to refinance our indebtedness, to pay distributions with respect to Icahn Enterprises' depositary units and to fund operations depends on existing cash balances and our ability to generate cash in the future. This, to a certain extent, is subject to general economic, financial, competitive, regulatory and other factors that are beyond our control.

Our current businesses and businesses that we acquire may not generate sufficient cash to service our debt. In addition, we may not generate sufficient cash flow from operations or investments and future borrowings may not be available to us in an amount sufficient to enable us to service our indebtedness or to fund our other liquidity needs. As of December 31, 2015, approximately \$2.0 billion of required payments will come due in the three-year period ending December 31, 2018 with the

first maturity date occurring on March 15, 2017. This amount includes interest on our senior notes as well as principal and interest on mortgages payable. Because credit ratings are an important factor influencing our ability to access capital and the terms of any new indebtedness, including covenants and interest rates, our ability to refinance our indebtedness could be adversely affected if our credit ratings were downgraded. We may need to refinance all or a portion of our indebtedness on or before maturity. We cannot assure you that we will be able to refinance any of our indebtedness on commercially reasonable terms or at all.

We are a holding company and depend on the businesses of our subsidiaries to satisfy our obligations.

We are a holding company. In addition to cash and cash equivalents, U.S. government and agency obligations and other short-term investments, our assets consist primarily of investments in our subsidiaries. Moreover, if we make significant investments in operating businesses, it is likely that we will reduce the liquid assets at Icahn Enterprises and Icahn Enterprises Holdings in order to fund those investments and the ongoing operations of our subsidiaries and in the Investment Funds. Consequently, our cash flow and our ability to meet our debt service obligations and make distributions with respect to depositary units likely will depend on the cash flow of our subsidiaries, returns on our interests in the Investment Funds and the payment of funds to us by our subsidiaries in the form of dividends, distributions, loans or otherwise.

The operating results of our subsidiaries may not be sufficient to make distributions to us. In addition, our subsidiaries are not obligated to make funds available to us and distributions and intercompany transfers from our subsidiaries to us may be restricted by applicable law or covenants contained in debt agreements and other agreements to which these subsidiaries may be subject or enter into in the future. The terms of certain debt agreements of our subsidiaries, or other entities in which we own equity, restrict dividends, distributions or loans to us. To the degree any distributions and transfers are impaired or prohibited, our ability to make payments on our debt and to make distributions on our depositary units will be limited.

We or our subsidiaries may be able to incur substantially more debt.

As of December 31, 2015, we and our subsidiaries had debt of approximately \$12.6 billion, of which approximately \$5.5 billion pertained to our Holding Company.

In the future, we and Icahn Enterprises Holdings may incur additional indebtedness if we comply with certain financial tests contained in the indentures that govern our senior notes. However, our subsidiaries other than Icahn Enterprises Holdings are not subject to any of the covenants contained in the indentures governing our senior notes. If new debt is added to our and our subsidiaries' current levels, the related risks that we, and they, now face could intensify. In addition, under the indenture governing our senior notes, certain important events, such as leveraged recapitalizations that would increase the level of our indebtedness, would not constitute a change of control.

As of December 31, 2015, based on covenants in the indenture governing our senior notes, we were not permitted to incur additional indebtedness.

Our failure to comply with the covenants contained under any of our debt instruments, including the indentures governing our outstanding senior notes, including our failure as a result of events beyond our control, could result in an event of default which would materially and adversely affect our financial condition.

If there were an event of default under one of our debt instruments, the holders of the defaulted debt could cause all amounts outstanding with respect to that debt to be due and payable immediately. In addition, any event of default or declaration of acceleration under one debt instrument could result in an event of default under one or more of our other debt instruments. It is possible that, if the defaulted debt is accelerated, our assets and cash flow may not be sufficient to fully repay borrowings under our outstanding debt instruments and we cannot assure you that we would be able to refinance or restructure the payments on those debt securities.

We may be subject to the pension liabilities of our affiliates.

Mr. Icahn, through certain affiliates, owns 100% of Icahn Enterprises GP and approximately 89.0% of Icahn Enterprises' outstanding depositary units as of February 29, 2016. Applicable pension and tax laws make each member of a "controlled group" of entities, generally defined as entities in which there is at least an 80% common ownership interest, jointly and severally liable for certain pension plan obligations of any member of the controlled group. These pension obligations include ongoing contributions to fund the plan, as well as liability for any unfunded liabilities that may exist at the time the plan is terminated. In addition, the failure to pay these pension obligations when due may result in the creation of liens in favor of the pension plan or the Pension Benefit Guaranty Corporation ("PBGC")

against the assets of each member of the controlled group.

As a result of the more than 80% ownership interest in us by Mr. Icahn's affiliates, we and our subsidiaries are subject to the pension liabilities of entities in which Mr. Icahn has a direct or indirect ownership interest of at least 80%. As a result of our ownership of more than 80% in our subsidiaries, we and our subsidiaries are subject to the pension liabilities of all entities in which Mr. Icahn has a direct or indirect ownership interest of at least 80%. ACF Industries LLC ("ACF"), a related party in which Mr. Icahn has a direct ownership interest exceeding 80%, and Federal-Mogul are the sponsors of several pension plans.

ACF is a manufacturer and fabricator of specialty railcar parts and miscellaneous steel products from which certain of our subsidiaries purchase parts and steel products. All the minimum funding requirements of the Code and the Employee Retirement Income Security Act of 1974, as amended by the Pension Protection Act of 2006, for these plans have been met as of December 31, 2015 and 2014. If the plans were voluntarily terminated, they would be underfunded by approximately \$589 million and \$474 million as of December 31, 2015 and 2014, respectively. These results are based on the most recent information provided by the plans' actuaries. These liabilities could increase or decrease, depending on a number of factors, including future changes in benefits, investment returns, and the assumptions used to calculate the liability. As members of the controlled group, we would be liable for any failure of ACF and Federal-Mogul to make ongoing pension contributions or to pay the unfunded liabilities upon a termination of the pension plans of ACF and Federal-Mogul. In addition, other entities now or in the future within the controlled group in which we are included may have pension plan obligations that are, or may become, underfunded and we would be liable for any failure of such entities to make ongoing pension contributions or to pay the unfunded liabilities upon termination of such plans.

The current underfunded status of the pension plans of ACF and Federal-Mogul requires them to notify the PBGC of certain "reportable events," such as if we cease to be a member of the ACF and Federal-Mogul controlled group, or if we make certain extraordinary dividends or stock redemptions. The obligation to report could cause us to seek to delay or reconsider the occurrence of such reportable events.

Starfire Holding Corporation ("Starfire"), which is 99.4% owned by Mr. Icahn, has undertaken to indemnify us and our subsidiaries from losses resulting from any imposition of certain pension funding or termination liabilities that may be imposed on us and our subsidiaries or our assets as a result of being a member of the Icahn controlled group. The Starfire indemnity (which does not extend to pension liabilities of our subsidiaries that would be imposed on us as a result of our interest in these subsidiaries and not as a result of Mr. Icahn and his affiliates holding more than an 80% ownership interest in us, and as such would not extend to the unfunded pension termination liability for Federal-Mogul) provides, among other things, that so long as such contingent liabilities exist and could be imposed on us, Starfire will not make any distributions to its stockholders that would reduce its net worth to below \$250 million. Nonetheless, Starfire may not be able to fund its indemnification obligations to us.

We are subject to the risk of becoming an investment company.

Because we are a holding company and a significant portion of our assets may, from time to time, consist of investments in companies in which we own less than a 50% interest, we run the risk of inadvertently becoming an investment company that is required to register under the Investment Company Act. Registered investment companies are subject to extensive, restrictive and potentially adverse regulations relating to, among other things, operating methods, management, capital structure, dividends and transactions with affiliates. Registered investment companies are not permitted to operate their business in the manner in which we operate our business, nor are registered investment companies permitted to have many of the relationships that we have with our affiliated companies.

In order not to become an investment company required to register under the Investment Company Act, we monitor the value of our investments and structure transactions with an eye toward the Investment Company Act. As a result, we may structure transactions in a less advantageous manner than if we did not have Investment Company Act concerns, or we may avoid otherwise economically desirable transactions due to those concerns. In addition, events beyond our control, including significant appreciation or depreciation in the market value of certain of our publicly traded holdings or adverse developments with respect to our ownership of certain of our subsidiaries, could result in our inadvertently becoming an investment company. If it were established that we were an investment company, there would be a risk, among other material adverse consequences, that we could become subject to monetary penalties or injunctive relief, or both, in an action brought by the SEC, that we would be unable to enforce contracts with third parties or that third parties could seek to obtain rescission of transactions with us undertaken during the period it was established that we were an unregistered investment company.

We may become taxable as a corporation.

We believe that we have been and are properly treated as a partnership for federal income tax purposes. This allows us to pass through our income and deductions to our partners. However, the Internal Revenue Service ("IRS") could challenge our partnership status and we could fail to qualify as a partnership for past years as well as future years. Qualification as a partnership involves the application of highly technical and complex provisions of the Code. For

example, a publicly traded partnership is generally taxable as a corporation unless 90% or more of its gross income is “qualifying” income, which includes interest, dividends, oil and gas revenues, real property rents, gains from the sale or other disposition of real property, gain from the sale or other disposition of capital assets held for the production of interest or dividends, and certain other items. We believe that in all prior years of our existence at least 90% of our gross income was qualifying income and we intend to structure our business in a manner such that at least 90% of our gross income will constitute qualifying income this year and in the future. However, there can be no assurance that such structuring will be effective in all events to avoid the receipt of more than 10% of non-qualifying income. If less than 90% of our gross income constitutes qualifying income, we may be subject to corporate tax

on our net income, at a Federal rate of up to 35% plus possible state taxes. Further, if less than 90% of our gross income constituted qualifying income for past years, we may be subject to corporate level tax plus interest and possibly penalties. In addition, if we register under the Investment Company Act, it is likely that we would be treated as a corporation for U.S. federal income tax purposes. The cost of paying federal and possibly state income tax, either for past years or going forward could be a significant liability and would reduce our funds available to make distributions to holders of units, and to make interest and principal payments on our debt securities. To meet the qualifying income test we may structure transactions in a manner which is less advantageous than if this were not a consideration, or we may avoid otherwise economically desirable transactions.

From time to time, legislative proposals have been introduced that, if enacted, could have a material and adverse effect on us. These proposals have included taxing publicly traded partnerships engaged in the Investment segment, such as us, as corporations and introducing substantive changes to the definition of qualifying income, which could make it more difficult or impossible for us to meet the exception that allows publicly traded partnerships generating qualifying income to be treated as partnerships (rather than corporations) for U.S. federal income tax purposes. It is unclear when or if such legislation would be introduced, whether or not such legislation would be enacted, what specific provisions would be included or what the effective date would be, and as a result the ultimate impact on us of such legislation is uncertain. It is possible that if carried interest legislation were enacted we would be treated as an association, taxable as a corporation, which would materially increase our taxes. As an alternative, we might be required to restructure our operations, and possibly dispose of certain businesses, in order to avoid or mitigate the impact of any such legislation.

Holders of depositary units may be required to pay tax on their share of our income even if they did not receive cash distributions from us.

Because we are treated as a partnership for income tax purposes, holders of units are generally required to pay federal income tax, and, in some cases, state or local income tax, on the portion of our taxable income allocated to them, whether or not such income is distributed. Accordingly, it is possible that holders of depositary units may not receive cash distributions from us equal to their share of our taxable income, or even equal to their tax liability on the portion of our income allocated to them.

If we discover significant deficiencies in our internal controls over financial reporting or at any recently acquired entity, it may adversely affect our ability to provide timely and reliable financial information and satisfy our reporting obligations under federal securities laws, which also could affect the market price of our depositary units or our ability to remain listed on the NASDAQ Global Select Market, or NASDAQ.

Effective internal and disclosure controls are necessary for us to provide reliable financial reports and effectively prevent fraud and to operate successfully as a public company. If we cannot provide reliable financial reports or prevent fraud, our reputation and operating results would be harmed. A “significant deficiency” is a deficiency, or combination of deficiencies, in internal control over financial reporting that is less severe than a material weakness, yet important enough to merit attention of those responsible for oversight of our financial reporting.

To the extent that any material weakness or significant deficiency exists in our consolidated subsidiaries' internal control over financial reporting, such material weakness or significant deficiency may adversely affect our ability to provide timely and reliable financial information necessary for the conduct of our business and satisfaction of our reporting obligations under federal securities laws, that could affect our ability to remain listed on NASDAQ.

Ineffective internal and disclosure controls could cause investors to lose confidence in our reported financial information, which could have a negative effect on the trading price of our depositary units or the rating of our debt. During the fourth quarter of the year ended December 31, 2015, management of Federal-Mogul determined that it had a material weakness in internal control over financial reporting related to in the operating effectiveness of its information technology (IT) general controls. More specifically, Federal-Mogul was not consistently following its processes and procedures during 2015 to execute and monitor change management controls or to restrict or monitor access to certain of its IT systems. These processes and procedures are intended to ensure that access to financial applications and data is adequately restricted to appropriate personnel and that all changes affecting the financial applications and underlying account records are identified, authorized, tested and implemented appropriately.

Additionally, as a result of the deficiencies identified, there is a possibility that the effectiveness of business process controls that are dependent on the affected IT systems or data and financial reports generated from the affected IT

systems may be adversely affected.

Since we are a limited partnership, you may not be able to pursue legal claims against us in U.S. federal courts. We are a limited partnership organized under the laws of the State of Delaware. Under the federal rules of civil procedure, you may not be able to sue us in federal court on claims other than those based solely on federal law, because of lack of complete diversity. Case law applying diversity jurisdiction deems us to be a citizen of each of our limited partners. Because we are a publicly traded limited partnership, it may not be possible for you to attempt to sue us in a federal court because we have citizenship in all 50 U.S. states and operations in many states. Accordingly, you will be limited to bringing any claims in state court.

Certain members of our management team may be involved in other business activities that may involve conflicts of interest.

Certain individual members of our management team may, from time to time, be involved in the management of other businesses, including those owned or controlled by Mr. Icahn and his affiliates. Accordingly, these individuals may focus a portion of their time and attention on managing these other businesses. Conflicts may arise in the future between our interests and the interests of the other entities and business activities in which such individuals are involved.

We may not realize the potential benefits of our acquisitions.

We may expand our existing businesses if appropriate opportunities are identified, as well as use our established businesses as a platform for additional acquisitions in the same or related areas. Any such acquisition, if consummated, could involve risks not presently faced by us. In addition, we may not realize the anticipated benefits of any such acquisition.

Risks Relating to Our Business

General

In addition to the following risk factors specific to each of our businesses, all of our businesses are subject to the effects of the following:

- the threat of terrorism or war;
- loss of any of our or our subsidiaries' key personnel;
- the unavailability, as needed, of additional financing; and
- the unavailability of insurance at acceptable rates.

Global economic conditions may have adverse impacts on our businesses and financial condition.

Changes in economic conditions could adversely affect our financial condition and results of operations. A number of economic factors, including, but not limited to, consumer interest rates, consumer confidence and debt levels, retail trends, housing starts, sales of existing homes, the level and availability of mortgage refinancing, and commodity prices, may generally adversely affect our businesses, financial condition and results of operations. Recessionary economic cycles, higher and protracted unemployment rates, increased fuel and other energy and commodity costs, rising costs of transportation and increased tax rates can have a material adverse impact on our businesses, and may adversely affect demand for sales of our businesses' products, or the costs of materials and services utilized in their operations. These factors could have a material adverse effect on our revenues, income from operations and our cash flows.

We and our subsidiaries are subject to cybersecurity risks and other cyber incidents resulting in disruption.

Threats to information technology systems associated with cybersecurity risks and cyber incidents or attacks continue to grow. We and our subsidiaries depend on information technology systems. In addition, certain of our subsidiaries, including in our Gaming segment, collect, process and retain sensitive and confidential customer information in the normal course of business. Despite the security measures we have in place and any additional measures we may implement in the future, our facilities and systems, and those of our third-party service providers, could be vulnerable to security breaches, computer viruses, lost or misplaced data, programming errors, human errors, acts of vandalism or other events. Any disruption of our systems or security breach or event resulting in the misappropriation, loss or other unauthorized disclosure of confidential information, whether by us directly or our third-party service providers, could damage our reputation, expose us to the risks of litigation and liability, disrupt our business or otherwise affect our results of operations.

Investment

Our Investment segment may be materially and negatively affected by adverse conditions in the global financial markets and the economy generally.

There is significant risk that conditions in the global financial markets and the economy generally could deteriorate and experience volatility and illiquidity and these conditions could continue for a significant period of time. In the event that some or all of these conditions occur, the Investment Funds could be materially and adversely affected in many different ways. Furthermore, difficult market conditions may also increase the risk of default with respect to debt investments held by the Investment Funds. Many other factors beyond the control of our Investment segment

may adversely affect the Investment Funds, including, without limitation, rising interest rates, inflation, terrorism or political uncertainty.

The historical financial information for our Investment segment is not necessarily indicative of its future performance. The financial results of our Investment segment are primarily driven by the performance of the Investment Funds and our interests therein. The historical consolidated financial information contained elsewhere in this Report is not indicative of the

future financial results of our Investment segment. In particular, with respect to the historical returns of our Investment segment:

past favorable market conditions and profitable investment opportunities may not occur in the future; and future returns may be affected by the risks described elsewhere in this Report, including risks of the industries and businesses in which a particular fund invests.

Successful execution of the Investment Funds' activist investment activities involves many risks, certain of which are outside of our control.

The success of the Investment Funds' investment strategy may require, among other things: (i) that our Investment segment properly identify companies whose securities prices can be improved through corporate and/or strategic action or successful restructuring of their operations; (ii) that the Investment Funds acquire sufficient securities of such companies at a sufficiently attractive price; (iii) that the Investment Funds avoid triggering anti-takeover and regulatory obstacles while aggregating their positions; (iv) that management of portfolio companies and other security holders respond positively to our proposals; and (v) that the market price of portfolio companies' securities increases in response to any actions taken by the portfolio companies. We cannot assure you that any of the foregoing will succeed.

The Investment Funds' investment strategy involves numerous and significant risks, including the risk that we may lose some or all of our investments in the Investment Funds. This risk may be magnified due to concentration of investments and investments in undervalued securities.

Our Investment segment's revenue depends on the investments made by the Investment Funds. There are numerous and significant risks associated with these investments, certain of which are described in this risk factor and in other risk factors set forth herein.

Certain investment positions held by the Investment Funds may be illiquid. The Investment Funds may own restricted or non-publicly traded securities and securities traded on foreign exchanges. These investments could prevent the Investment Funds from liquidating unfavorable positions promptly and subject the Investment Funds to substantial losses.

At any given time, the Investment Funds' assets may become highly concentrated within a particular company, industry, asset category, trading style or financial or economic market. In that event, the Investment Fund's investment portfolio will be more susceptible to fluctuations in value resulting from adverse economic conditions affecting the performance of that particular company, industry, asset category, trading style or economic market than a less concentrated portfolio would be. As a result, the Investment Funds' investment portfolio could become concentrated and its aggregate return may be volatile and may be affected substantially by the performance of only one or a few holdings.

The Investment Funds seek to invest in securities that are undervalued. The identification of investment opportunities in undervalued securities is a difficult task, and there are no assurances that such opportunities will be successfully recognized or acquired. While investments in undervalued securities offer the opportunity for above-average capital appreciation, these investments involve a high degree of financial risk and can result in substantial losses. Returns generated from the Investment Funds' investments may not adequately compensate for the business and financial risks assumed.

From time to time, the Investment Funds may invest in bonds or other fixed income securities, such as commercial paper and higher yielding (and, therefore, higher risk) debt securities. It is likely that a major economic recession could severely disrupt the market for such securities and may have a material adverse impact on the value of such securities. In addition, it is likely that any such economic downturn could adversely affect the ability of the issuers of such securities to repay principal and pay interest thereon and increase the incidence of default for such securities. For reasons not necessarily attributable to any of the risks set forth in this Report (for example, supply/demand imbalances or other market forces), the prices of the securities in which the Investment Funds invest may decline substantially. In particular, purchasing assets at what may appear to be undervalued levels is no guarantee that these assets will not be trading at even more undervalued levels at a future time of valuation or at the time of sale.

The prices of financial instruments in which the Investment Funds may invest can be highly volatile. Price movements of forward and other derivative contracts in which the Investment Funds' assets may be invested are influenced by, among other things, interest rates, changing supply and demand relationships, trade, fiscal, monetary and exchange

control programs and policies of governments, and national and international political and economic events and policies. The Investment Funds are subject to the risk of failure of any of the exchanges on which their positions trade or of their clearinghouses.

The use of leverage in investments by the Investment Funds may pose a significant degree of risk and may enhance the possibility of significant loss in the value of the investments in the Investment Funds.

The Investment Funds may leverage their capital if their general partners believe that the use of leverage may enable the Investment Funds to achieve a higher rate of return. Accordingly, the Investment Funds may pledge its securities in order to borrow additional funds for investment purposes. The Investment Funds may also leverage its investment return with options, short sales, swaps, forwards and other derivative instruments. The amount of borrowings that the Investment Funds may have outstanding at any time may be substantial in relation to their capital. While leverage may present opportunities for increasing the Investment Funds' total return, leverage may increase losses as well.

Accordingly, any event that adversely affects the value of an investment by the Investment Funds would be magnified to the extent such fund is leveraged. The cumulative effect of the use of leverage by the Investment Funds in a market that moves adversely to the Investment Funds' investments could result in a substantial loss to the Investment Funds that would be greater than if the Investment Funds were not leveraged. There is no assurance that leverage will be available on acceptable terms, if at all.

In general, the use of short-term margin borrowings results in certain additional risks to the Investment Funds. For example, should the securities pledged to brokers to secure any Investment Fund's margin accounts decline in value, the Investment Funds could be subject to a "margin call," pursuant to which it must either deposit additional funds or securities with the broker, or suffer mandatory liquidation of the pledged securities to compensate for the decline in value. In the event of a sudden drop in the value of any of the Investment Funds' assets, the Investment Funds might not be able to liquidate assets quickly enough to satisfy its margin requirements.

Any of the Investment Funds may enter into repurchase and reverse repurchase agreements. When the Investment Funds enters into a repurchase agreement, it "sells" securities issued by the U.S. or a non-U.S. government, or agencies thereof, to a broker-dealer or financial institution, and agrees to repurchase such securities for the price paid by the broker-dealer or financial institution, plus interest at a negotiated rate. In a reverse repurchase transaction, the Investment Fund "buys" securities issued by the U.S. or a non-U.S. government, or agencies thereof, from a broker-dealer or financial institution, subject to the obligation of the broker-dealer or financial institution to repurchase such securities at the price paid by the Investment Funds, plus interest at a negotiated rate. The use of repurchase and reverse repurchase agreements by any of the Investment Funds involves certain risks. For example, if the seller of securities to the Investment Funds under a reverse repurchase agreement defaults on its obligation to repurchase the underlying securities, as a result of its bankruptcy or otherwise, the Investment Funds will seek to dispose of such securities, which action could involve costs or delays. If the seller becomes insolvent and subject to liquidation or reorganization under applicable bankruptcy or other laws, the Investment Funds' ability to dispose of the underlying securities may be restricted. Finally, if a seller defaults on its obligation to repurchase securities under a reverse repurchase agreement, the Investment Funds may suffer a loss to the extent it is forced to liquidate its position in the market, and proceeds from the sale of the underlying securities are less than the repurchase price agreed to by the defaulting seller.

The financing used by the Investment Funds to leverage its portfolio will be extended by securities brokers and dealers in the marketplace in which the Investment Funds invest. While the Investment Funds will attempt to negotiate the terms of these financing arrangements with such brokers and dealers, its ability to do so will be limited. The Investment Funds are therefore subject to changes in the value that the broker-dealer ascribes to a given security or position, the amount of margin required to support such security or position, the borrowing rate to finance such security or position and/or such broker-dealer's willingness to continue to provide any such credit to the Investment Funds. Because the Investment Funds currently have no alternative credit facility which could be used to finance its portfolio in the absence of financing from broker-dealers, it could be forced to liquidate its portfolio on short notice to meet its financing obligations. The forced liquidation of all or a portion of the Investment Funds' portfolios at distressed prices could result in significant losses to the Investment Funds.

The possibility of increased regulation could result in additional burdens on our Investment segment. Changes in tax law could adversely affect us.

The Dodd-Frank Wall Street Reform and Consumer Protection Act, or the Reform Act, was enacted into law in July 2010, resulted in new regulations affecting almost every part of the financial services industry.

The regulatory environment in which our Investment segment operates is subject to further regulation in addition to the rules already promulgated. Our Investment segment may be adversely affected by the enactment of new or revised regulations, or changes in the interpretation or enforcement of rules and regulations imposed by the SEC, other U.S. or foreign governmental regulatory authorities or self-regulatory organizations that supervise the financial markets. Such changes may limit the scope of investment activities that may be undertaken by the Investment Funds' managers. Any such changes could increase the cost of our Investment segment's doing business and/or materially adversely impact our profitability. Additionally, the securities and futures markets are subject to comprehensive statutes, regulations and margin requirements. The SEC, other regulators and self-regulatory organizations and exchanges have taken and are authorized to take extraordinary actions in the event of market emergencies. The regulation of derivatives transactions and funds that engage in such transactions is an

evolving area of law and is subject to modification by government and judicial action. The effect of any future regulatory change on the Investment Funds and the Investment segment could be substantial and adverse.

In addition, legislative proposals have been introduced that, if enacted, could have a material and adverse effect on us. These proposals have included taxing publicly traded partnerships engaged in the Investment segment, such as us, as corporations and introducing substantive changes to the definition of qualifying income, which could make it more difficult or impossible for us to meet the exception that allows publicly traded partnerships generating qualifying income to be treated as partnerships (rather than corporations) of U.S. federal income tax purposes. It is unclear when or if such legislation would be introduced, whether or not such legislation would be enacted, what specific provisions would be included or what the effective date would be, and as a result the ultimate impact on us of any such legislation is uncertain. It is possible that if carried interest legislation were enacted we would be treated as an association, taxable as a corporation, which would materially increase our taxes. As an alternative, we might be required to restructure our operations, and possibly dispose of certain businesses, in order to avoid or mitigate the impact of any such legislation. We currently cannot predict the outcome of such legislative proposals, including, if enacted, their impact on our operations and financial position.

The failure of Mr. Icahn to participate in the management of the Investment Funds could have a material adverse effect on the Investment Funds and on us.

The success of the Investment Funds depends upon the ability of our Investment segment to develop and implement investment strategies that achieve the Investment Funds' investment objectives. Subjective decisions made by employees of our Investment segment may cause the Investment Funds to incur losses or to miss profit opportunities on which the Investment Funds would otherwise have capitalized. In the event that Mr. Icahn ceases to participate in the management of the Investment Funds, the consequences to the Investment Funds and our interest in them could be material and adverse and could lead to the premature termination of the Investment Funds. The loss of Mr. Icahn could, therefore, ultimately result in a loss of substantially all of the earnings of our Investment segment.

The Investment Funds make investments in companies we do not control.

Investments by the Investment Funds include investments in debt or equity securities of publicly traded companies that we do not control. Such investments may be acquired by the Investment Funds through open market trading activities or through purchases of securities from the issuer. These investments will be subject to the risk that the company in which the investment is made may make business, financial or management decisions with which our Investment segment disagree or that the majority of stakeholders or the management of the company may take risks or otherwise act in a manner that does not serve the best interests of the Investment Funds. In addition, the Investment Funds may make investments in which it shares control over the investment with co-investors, which may make it more difficult for it to implement its investment approach or exit the investment when it otherwise would. If any of the foregoing were to occur, the values of the investments by the Investment Funds could decrease and our Investment segment revenues could suffer as a result.

The ability to hedge investments successfully is subject to numerous risks.

The Investment Funds may utilize financial instruments, both for investment purposes and for risk management purposes in order to (i) protect against possible changes in the market value of the Investment Funds' investment portfolios resulting from fluctuations in the securities markets and changes in interest rates; (ii) protect the Investment Funds' unrealized gains in the value of its investment portfolios; (iii) facilitate the sale of any such investments; (iv) enhance or preserve returns, spreads or gains on any investment in the Investment Funds' portfolio; (v) hedge the interest rate or currency exchange rate on any of the Investment Funds' liabilities or assets; (vi) protect against any increase in the price of any securities our Investment segment anticipate purchasing at a later date; or (vii) for any other reason that our Investment segment deems appropriate.

The success of any hedging activities will depend, in part, upon the degree of correlation between the performance of the instruments used in the hedging strategy and the performance of the portfolio investments being hedged. However, hedging techniques may not always be possible or effective in limiting potential risks of loss. Since the characteristics of many securities change as markets change or time passes, the success of our Investment segment's hedging strategy will also be subject to the ability of our Investment segment to continually recalculate, readjust and execute hedges in an efficient and timely manner. While the Investment Funds may enter into hedging transactions to seek to reduce risk, such transactions may result in a poorer overall performance for the Investment Funds than if it had not engaged

in such hedging transactions. For a variety of reasons, the Investment Funds may not seek to establish a perfect correlation between the hedging instruments utilized and the portfolio holdings being hedged. Such an imperfect correlation may prevent the Investment Funds from achieving the intended hedge or expose the Investment Funds to risk of loss. The Investment Funds do not intend to seek to hedge every position and may determine not to hedge against a particular risk for various reasons, including, but not limited to, because they do not regard the probability of the risk occurring to be sufficiently high as to justify the cost of the hedge. Our Investment segment may not foresee the occurrence of the risk and therefore may not hedge against all risks.

We are subject to third-party litigation risks attributable to our Investment segment that could result in significant liabilities that could adversely affect our Investment operations.

Some of the tactics that the Investment Funds may use involve litigation. The Investment Funds could be a party to lawsuits that they initiate or that are initiated by a company in which the Investment Funds invest, other shareholders, or state and federal governmental bodies. There can be no assurance that litigation, once begun, would be resolved in favor of the Investment Funds.

In addition, we will be exposed to risk of litigation by third parties or government regulators if our Investment segment's management of the Investment Funds is alleged to constitute gross negligence, willful misconduct or dishonesty or breach of contract or organizational documents or to violate applicable law. In such actions, we would be obligated to bear legal, settlement and other costs (which may exceed our available insurance coverage). In addition, our rights to indemnification from the applicable Investment Funds may be challenged.

The Investment Funds may invest in companies that are based outside of the United States, which may expose the Investment Funds to additional risks not typically associated with investing in companies that are based in the United States.

Investments in securities of non-U.S. issuers (including non-U.S. governments) and securities denominated or whose prices are quoted in non-U.S. currencies pose, to the extent not successfully hedged, currency exchange risks (including blockage, devaluation and non-exchangeability), as well as a range of other potential risks, which could include expropriation, confiscatory taxation, imposition of withholding or other taxes on dividends, interest, capital gains or other income, political or social instability, illiquidity, price volatility and market manipulation. In addition, less information may be available regarding securities of non-U.S. issuers, and non-U.S. issuers may not be subject to accounting, auditing and financial reporting standards and requirements comparable to, or as uniform as, those of U.S. issuers. Transaction costs of investing in non-U.S. securities markets are generally higher than in the United States. There is generally less government supervision and regulation of exchanges, brokers and issuers than there is in the United States. The Investment Funds may have greater difficulty taking appropriate legal action in non-U.S. courts. Non-U.S. markets also have different clearance and settlement procedures which in some markets have at times failed to keep pace with the volume of transactions, thereby creating substantial delays and settlement failures that could adversely affect the Investment Funds' performance. Investments in non-U.S. markets may result in imposition of non-U.S. taxes or withholding on income and gains recognized with respect to such securities. There can be no assurance that adverse developments with respect to such risks will not materially adversely affect the Investment Funds' investments that are held in certain countries or the returns from these investments.

The Investment Funds invest in distressed securities, as well as bank loans, asset backed securities and mortgage backed securities.

The Investment Funds may invest in securities of U.S. and non-U.S. issuers in weak financial condition, experiencing poor operating results, having substantial capital needs or negative net worth, facing special competitive or product obsolescence problems, or that are involved in bankruptcy or reorganization proceedings. Investments of this type may involve substantial financial, legal and business risks that can result in substantial, or at times even total, losses. The market prices of such securities are subject to abrupt and erratic market movements and above-average price volatility. It may take a number of years for the market price of such securities to reflect their intrinsic value. In liquidation (both in and out of bankruptcy) and other forms of corporate insolvency and reorganization, there exists the risk that the reorganization either will be unsuccessful (due to, for example, failure to obtain requisite approvals), will be delayed (for example, until various liabilities, actual or contingent, have been satisfied) or will result in a distribution of cash, assets or a new security the value of which will be less than the purchase price to the Investment Funds of the security in respect to which such distribution was made and the terms of which may render such security illiquid.

The Investment Funds' investments are subject to numerous additional risks including those described below.

• Generally, there are few limitations set forth in the governing documents of the Investment Funds on the execution of their investment activities, which are subject to the sole discretion of our Investment segment.

• The Investment Funds may buy or sell (or write) both call options and put options, and when it writes options, it may do so on a covered or an uncovered basis. When the Investment Funds sell (or write) an option, the risk can be substantially greater than when it buys an option. The seller of an uncovered call option bears the risk of an increase

in the market price of the underlying security above the exercise price. The risk is theoretically unlimited unless the option is covered. If it is covered, the Investment Funds would forego the opportunity for profit on the underlying security should the market price of the security rise above the exercise price. Swaps and certain options and other custom instruments are subject to the risk of non-performance by the swap counterparty, including risks relating to the creditworthiness of the swap counterparty, market risk, liquidity risk and operations risk.

The Investment Funds may engage in short-selling, which is subject to a theoretically unlimited risk of loss because there is no limit on how much the price of a security may appreciate before the short position is closed out. The Investment Funds may be subject to losses if a security lender demands return of the borrowed securities and an alternative lending source cannot be found or if the Investment Funds are otherwise unable to borrow securities that are necessary to hedge its positions. There can be no assurance that the Investment Funds will be able to maintain the ability to borrow securities sold short. There also can be no assurance that the securities necessary to cover a short position will be available for purchase at or near prices quoted in the market.

The ability of the Investment Funds to execute a short selling strategy may be materially adversely impacted by temporary and/or new permanent rules, interpretations, prohibitions and restrictions adopted in response to adverse market events. Regulatory authorities may from time-to-time impose restrictions that adversely affect the Investment Funds' ability to borrow certain securities in connection with short sale transactions. In addition, traditional lenders of securities might be less likely to lend securities under certain market conditions. As a result, the Investment Funds may not be able to effectively pursue a short selling strategy due to a limited supply of securities available for borrowing.

The Investment Funds may effect transactions through over-the-counter or interdealer markets. The participants in such markets are typically not subject to credit evaluation and regulatory oversight as are members of exchange-based markets. This exposes the Investment Funds to the risk that a counterparty will not settle a transaction in accordance with its terms and conditions because of a dispute over the terms of the contract (whether or not bona fide) or because of a credit or liquidity problem, thus causing the Investment Fund to suffer a loss. Such "counterparty risk" is accentuated for contracts with longer maturities where events may intervene to prevent settlement, or where the Investment Funds have concentrated its transactions with a single or small group of its counterparties. The Investment Funds are not restricted from dealing with any particular counterparty or from concentrating any or all of the Investment Funds' transactions with one counterparty.

Credit risk may arise through a default by one of several large institutions that are dependent on one another to meet their liquidity or operational needs, so that a default by one institution causes a series of defaults by other institutions. This systemic risk may materially adversely affect the financial intermediaries (such as prime brokers, clearing agencies, clearing houses, banks, securities firms and exchanges) with which the Investment Funds interact on a daily basis.

The efficacy of investment and trading strategies depends largely on the ability to establish and maintain an overall market position in a combination of financial instruments. The Investment Funds' trading orders may not be executed in a timely and efficient manner due to various circumstances, including systems failures or human error. In such event, the Investment Funds might only be able to acquire some but not all of the components of the position, or if the overall positions were to need adjustment, the Investment Funds might not be able to make such adjustment. As a result, the Investment Funds may not be able to achieve the market position selected by our Investment segment and might incur a loss in liquidating their position.

The Investment Funds assets may be held in one or more accounts maintained for the Investment Fund by its prime broker or at other brokers or custodian banks, which may be located in various jurisdictions. The prime broker, other brokers (including those acting as sub-custodians) and custodian banks are subject to various laws and regulations in the relevant jurisdictions in the event of their insolvency. Accordingly, the practical effect of these laws and their application to the Investment Funds' assets may be subject to substantial variations, limitations and uncertainties. The insolvency of any of the prime brokers, local brokers, custodian banks or clearing corporations may result in the loss of all or a substantial portion of the Investment Funds' assets or in a significant delay in the Investment Funds having access to those assets.

The Investment Funds may invest in synthetic instruments with various counterparties. In the event of the insolvency of any counterparty, the Investment Funds' recourse will be limited to the collateral, if any, posted by the counterparty and, in the absence of collateral, the Investment Funds will be treated as a general creditor of the counterparty. While the Investment Funds expect that returns on a synthetic financial instrument may reflect those of each related reference security, as a result of the terms of the synthetic financial instrument and the assumption of the credit risk of the counterparty, a synthetic financial instrument may have a different expected return. The Investment Funds may also invest in credit default swaps.

Automotive

Federal-Mogul has substantial indebtedness, which could restrict its business activities and could subject Federal-Mogul to significant interest rate risk.

Federal-Mogul is permitted by the terms of its debt instruments to incur additional indebtedness, subject to the restrictions therein. Federal-Mogul's inability to generate sufficient cash flow to satisfy its debt obligations, or to refinance its debt obligations on commercially reasonable terms, would have a material adverse effect on our Automotive segment's business, financial condition and results of operations. In addition, covenants in Federal-Mogul's debt agreements could limit its ability to engage in certain transactions and pursue its business strategies, which could adversely affect its liquidity. See Part II, Item 8, Notes to Consolidated Financial Statements, Note 10, "Debt - Automotive" of this Report for further discussion.

Federal-Mogul's indebtedness could:

- limit Federal-Mogul's ability to borrow money for working capital, capital expenditures, debt service requirements or other corporate purposes, guarantee additional debt or issue redeemable, convertible or preferred equity;
- limit Federal-Mogul's ability to make distributions or prepay its debt, incur liens, enter into agreements that restrict distributions from restricted subsidiaries, sell or otherwise dispose of assets (including capital stock of subsidiaries), enter into transactions with affiliates and merger, consolidate or sell substantially all of its assets;
- require Federal-Mogul to dedicate a substantial portion of its cash flow to payments on indebtedness, which would reduce the amount of cash flow available to fund working capital, capital expenditures, product development and other corporate requirements;
- increase Federal-Mogul's vulnerability to general adverse economic and industry conditions; and
- limit Federal-Mogul's ability to respond to business opportunities.

A significant portion of Federal-Mogul's indebtedness accrues interest at variable rates. To the extent market interest rates rise, the cost of Federal-Mogul's debt would increase, thereby adversely affecting our Automotive operations. Federal-Mogul's restructuring activities and strategic initiatives may affect its short-term liquidity and may not result in the anticipated synergies and cost savings.

Federal-Mogul is pursuing a number of organic and inorganic growth activities, restructuring plans, and strategic initiatives to increase and improve its business and profitability. Federal-Mogul's management believes these activities will enhance its long term shareholder value; however, the investment to effectuate these activities may have an effect on Federal-Mogul's short term liquidity and may create the need for additional borrowing which may be at higher interest rates given its current level of indebtedness. In addition, it is possible the achievement of expected synergies and cost savings associated with Federal-Mogul's restructuring activities will require additional costs or charges to earnings in future periods. It is also possible the expected synergies or returns from strategic initiatives may not be achieved. Any costs or charges could adversely effect on Federal-Mogul's business, results of operations, liquidity, and financial condition.

Our Automotive segment may pursue acquisitions or other affiliations that involve inherent risks, any of which may cause it not to realize anticipated benefits, and it may have difficulty integrating the operations of any companies that may be acquired, which may adversely affect our Automotive segment's operations.

In the past, our Automotive segment has grown through acquisitions and may make additional acquisitions in the future as part of its business strategy. The full benefits of these acquisitions, however, require integration of manufacturing, administrative, financial, sales, and marketing approaches and personnel. If our Automotive segment is unable to successfully integrate its acquisitions, it may not realize the benefits of the acquisitions, its financial results may be negatively affected, or additional cash may be required to integrate such operations.

In the future, our Automotive segment may not be able to successfully identify suitable acquisition or affiliation opportunities or complete any particular acquisition, combination, affiliation or other transaction on acceptable terms. Our Automotive segment's identification of suitable acquisition candidates and affiliation opportunities and the integration of acquired business operations involve risks inherent in assessing the values, strengths, weaknesses, risks and profitability of these opportunities. Such risks include the effects on our Automotive segment's business, diversion of management's attention and risks associated with unanticipated problems or unforeseen liabilities, and may require significant financial resources that would otherwise be used for the ongoing development of Automotive segment's business.

The difficulties of integration may be increased by the necessity of coordinating geographically dispersed organizations, integrating personnel with disparate business backgrounds and combining different corporate cultures. These difficulties could be further increased to the extent our Automotive segment pursues acquisition or affiliation opportunities internationally. Our

Automotive segment may not be effective in retaining key employees or customers of the combined businesses. Our Automotive segment may face integration issues pertaining to the internal controls and operations functions of the acquired companies and also may not realize cost efficiencies or synergies that were anticipated when selecting the acquisition candidates. Our Automotive segment may experience managerial or other conflicts with its affiliation partners. Any of these items could adversely affect our Automotive segment's results of operations.

Our Automotive segment's failure to identify suitable acquisition or affiliation opportunities may restrict its ability to grow its business. If our Automotive segment is successful in pursuing future acquisitions or affiliations, it may be required to expend significant funds, incur additional debt and/or issue additional securities, which may materially adversely affect results of operations. If our Automotive segment spends significant funds or incurs additional debt, its ability to obtain financing for working capital or other purposes could decline and it may be more vulnerable to economic downturns and competitive pressures.

Our Automotive segment depends on its relationships with its suppliers and a disruption of these relationships or of its suppliers' operations could have a material adverse effect on our Automotive segment's business and results of operations.

Our Automotive segment's business depends on developing and maintaining productive relationships with its suppliers. Many factors outside our Automotive segment's control may harm these relationships. For example, financial difficulties that some of our Automotive segment's suppliers may face could increase the cost of the products it purchases from them or might interrupt its source of supply. A disruption of our Automotive segment's supplier relationships or a disruption in our Automotive segment's suppliers' operations could have a material adverse effect on our Automotive segment's business and results of operations.

Adverse conditions in the automotive market adversely affect demand for our Automotive segment's products and expose it to credit risks of its customers.

Our Automotive segment's revenues are closely tied to global OE automobile sales, production levels and independent aftermarket parts replacement activity. The OE market is characterized by short-term volatility, with overall expected long-term growth in global vehicle sales and production. Automotive production in the local markets served by our Automotive segment can be affected by macro-economic factors such as interest rates, fuel prices, consumer confidence, employment trends, regulatory and legislative oversight requirements and trade agreements. A variation in the level of automobile production would affect not only sales to OE customers but, depending on the reasons for the change, could impact demand from aftermarket customers. In addition, aftermarket demand is affected by various factors, including the size and composition of the vehicle population and vehicle usage. Our Automotive operations could be adversely affected if they fail to respond in a timely and appropriate manner to changes in the demand for their products or if they are not able to timely identify or address financial distress of their aftermarket customers.

Accounts receivable potentially subject our Automotive segment to concentrations of credit risk. In particular, Federal-Mogul's customer base includes virtually every significant global automotive manufacturer, numerous Tier 1 automotive suppliers and a large number of distributors and installers of automotive aftermarket parts. Consolidation in the automotive aftermarket may lead to financial distress for financially weaker customers of our Automotive segment's operations which, coupled with payment terms that are typically longer than in the OE market, could have a negative effect on Automotive segment's financial results.

Consolidation and market power of our Automotive segment's independent aftermarket customers could negatively affect its financial performance.

Our Automotive segment's independent aftermarket customers are continuing to consolidate and gain purchasing power and the ability to demand extended payment terms and other pricing concessions. If these trends continue the financial results of our Automotive segment's aftermarket business could be negatively affected.

Federal-Mogul's operations in foreign countries exposes our Automotive segment to risks related to economic and political conditions, currency fluctuations and import/export restrictions.

Federal-Mogul has manufacturing and distribution facilities in many countries. International operations are subject to certain risks including:

- exposure to local economic conditions;
- exposure to local political conditions (including the risk of seizure of assets by foreign governments);
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currency exchange rate fluctuations (including, but not limited to, material exchange rate fluctuations, such as devaluations) and currency controls;
export and import restrictions;

restrictions on ability to repatriate foreign earnings;

labor unrest; and

compliance with U.S. laws such as the Foreign Corrupt Practices Act, and local laws prohibiting inappropriate payments.

The likelihood of such occurrences and their potential effect on our Federal-Mogul are unpredictable and vary from country to country.

Certain of Federal-Mogul's operating entities report their financial condition and results of operations in currencies other than the U.S. dollar (including, but not limited to Brazilian real, British pound, Chinese yuan renminbi, Czech crown, euro, Indian rupee, Mexican peso, Polish zloty, Russian ruble, South Korean won and Swedish krona). In reporting its consolidated statements of operations, Federal-Mogul translates the reported results of these entities into U.S. dollars at the applicable exchange rates. As a result, fluctuations in the dollar against foreign currencies will affect the value at which the results of these entities are included within Federal-Mogul's consolidated results.

Federal-Mogul is exposed to a risk of gain or loss from changes in foreign exchange rates whenever Federal-Mogul, or one of its foreign subsidiaries, enters into a purchase or sales agreement in a currency other than its functional currency. While Federal-Mogul reduces such exposure by matching most revenues and costs within the same currency, changes in exchange rates could affect our Automotive operations.

Federal-Mogul is subject to possible insolvency of financial counterparties.

Federal-Mogul engages in numerous financial transactions and contracts including insurance policies, letters of credit, credit line agreements, financial derivatives, and investment management agreements involving various counterparties. Federal-Mogul is subject to the risk that one or more of these counterparties may become insolvent and therefore be unable to discharge its obligations under such contracts.

Federal-Mogul conducts operations through joint ventures which may contain various contractual restrictions and require approval for certain actions by its joint venture partners.

Certain of Federal-Mogul's operations, including in BRIC growth markets, are conducted through joint ventures and strategic alliances. With respect to these joint ventures, Federal-Mogul may share ownership and management responsibilities with one or more partners that may not share the same goals and objectives. Operating a joint venture requires Federal-Mogul to operate the business pursuant to the terms of the agreement that was entered into with its joint venture partners, as well as to share information and decision making. Additional risks associated with joint ventures include one or more partners failing to satisfy contractual obligations, conflicts arising between the joint venture partners, a change in the ownership of any of the joint venture partners and limited ability to control compliance with applicable rules and regulations, including the Foreign Corrupt Practices Act and related rules and regulations. Additionally, Federal-Mogul's ability to sell its interest in a joint venture may be subject to contractual and other limitations. Accordingly, any such occurrences could adversely affect our Automotive segment's financial condition, operating results and cash flows.

The automotive industry is highly competitive and our Automotive segment's success depends upon its ability to compete effectively in the market.

Our Automotive segment operates in an extremely competitive industry, driven by global vehicle production volumes and part replacement trends. Business is typically awarded to the supplier offering the most favorable combination of cost, quality, technology and service. In addition, customers continue to require periodic price reductions that require our Automotive segment to continually assess, redefine and improve its operations, products and manufacturing capabilities to maintain and improve profitability. In addition, our Automotive segment's competitors' efforts to increase their market share could exert additional downward pressure on product pricing and margins. There can be no assurance that our Automotive segment will be able to compete effectively in the automotive market.

Federal-Mogul's pension obligations and other post-employment benefits could adversely affect its operating margins and cash flows.

The automotive industry, like other industries, continues to be affected by the rising cost of providing pension and other post-employment benefits. In addition, Federal-Mogul sponsors certain defined benefit plans worldwide that are underfunded and will require cash payments. If the performance of the assets in the pension plans does not meet our expectations, or other actuarial assumptions are modified, Federal-Mogul's required contributions may be higher than it expects.

Certain disruptions in supply of and changes in the competitive environment for raw materials could adversely affect Federal-Mogul's operating margins and cash flows.

Federal-Mogul purchases a broad range of materials, components and finished parts. Federal-Mogul also uses a significant amount of energy, both electricity and natural gas, in the production of its products. A significant disruption in the supply of these materials, supplies and energy or the failure of a supplier with whom Federal-Mogul has established a single source supply relationship could decrease production and shipping levels, materially increase operating costs and materially adversely affect profit margins. Shortages of materials or interruptions in transportation systems, labor strikes, work stoppages or other interruptions to or difficulties in the employment of labor or transportation in the markets where Federal-Mogul purchases material, components and supplies for the production of products or where the products are produced, distributed or sold, whether as a result of labor strife, war, further acts of terrorism or otherwise, in each case may adversely affect profitability.

In recent periods there have been significant fluctuations in the prices of aluminum, copper, lead, nickel, platinum, resins, steel, other base metals and energy that have had and may continue to have an unfavorable effect on Federal-Mogul's business. Any continued fluctuations in the price or availability of energy and materials may have an adverse effect on our Automotive operations. To address increased costs associated with these market forces, a number of Federal-Mogul's suppliers have implemented surcharges on existing fixed price contracts. Without the surcharge, some suppliers claim they will be unable to provide adequate supply. Competitive and marketing pressures may limit Federal-Mogul's ability to pass some of the supply and material cost increases onto its customers and may prevent Federal-Mogul from doing so in the future. Furthermore, Federal-Mogul's customers are generally not obligated to accept price increases that Federal-Mogul may desire to pass along to them. This inability to pass on price increases to customers when material prices increase rapidly or to significantly higher than historic levels could adversely affect its operating margins and cash flow, possibly resulting in lower operating income and profitability. Federal-Mogul's hedging activities to address commodity price fluctuations may not be successful in offsetting future increases in those costs or may reduce or eliminate the benefits of any decreases in those costs.

In order to mitigate short-term variation in operating results due to the aforementioned commodity price fluctuations, Federal-Mogul hedges a portion of near-term exposure to certain raw materials used in production processes, primarily natural gas, copper, nickel, tin, zinc, high-grade aluminum and aluminum alloy. The results of Federal-Mogul's hedging practice could be positive, neutral or negative in any period depending on price changes in the hedged exposures.

Federal-Mogul's hedging activities are not designed to mitigate long-term commodity price fluctuations and, therefore, will not protect from long-term commodity price increases. Federal-Mogul's future hedging positions may not correlate to actual energy or raw materials costs, which would cause acceleration in the recognition of unrealized gains and losses on hedging positions in operating results.

Our Automotive segment is subject to a variety of environmental, health and safety laws and regulations and the cost of complying, or our Automotive segment's failure to comply, with such requirements may have a material adverse effect on our Automotive operations.

Our Automotive segment is subject to a variety of federal, state and local environmental laws and regulations relating to the release or discharge of materials into the environment, the management, use, processing, handling, storage, transport or disposal of hazardous waste materials, or otherwise relating to the protection of public and employee health, safety and the environment. These laws and regulations expose our Automotive segment to liability for the environmental condition of its current facilities, and also may expose it to liability for the conduct of others or for its actions that were in compliance with all applicable laws at the time these actions were taken. These laws and regulations also may expose our Automotive segment to liability for claims of personal injury or property damage related to alleged exposure to hazardous or toxic materials in foreign countries. Despite our Automotive segment's intention to be in compliance with all such laws and regulations, we cannot guarantee that it will at all times be in compliance with all such requirements. The cost of complying with these requirements may also increase substantially in future years. If our Automotive segment violates or fails to comply with these requirements, it could be fined or otherwise sanctioned by regulators. These requirements are complex, change frequently and may become more stringent over time, which could have a material adverse effect on its business.

Our Automotive segment's failure to maintain and comply with environmental permits that it is required to maintain could result in fines or penalties or other sanctions and have a material adverse effect on its operations or results. Future events, such as new environmental regulations or changes in or modified interpretations of existing laws and regulations or enforcement policies, newly discovered information or further investigation or evaluation of the potential health hazards of products or business activities, may give rise to additional compliance and other costs that could have a material adverse effect on our Automotive operations. New regulations related to "conflict minerals" may force us to incur additional expenses and may make our Automotive segment's supply chain more complex. In August 2012 the SEC adopted annual disclosure and reporting requirements for those

companies who use certain minerals known as “conflict minerals” mined from the Democratic Republic of Congo and adjoining countries in their products. These new requirements required due diligence efforts in 2013, with initial disclosure requirements beginning in 2014. There will be significant costs associated with complying with these disclosure requirements, including for diligence to determine the sources of conflict minerals used in our Automotive segment's products and other potential changes to products, processes or sources of supply as a consequence of such verification activities.

A significant labor dispute involving Federal-Mogul or one or more of its customers or suppliers or that could otherwise affect our operations could adversely affect Federal-Mogul's financial performance.

A substantial number of Federal-Mogul's employees and the employees of its largest customers and suppliers are members of industrial trade unions and are employed under the terms of various labor agreements. Most of Federal-Mogul's unionized manufacturing facilities have their own contracts with their own expiration dates. There can be no assurances that future negotiations with the unions will be resolved favorably or that Federal-Mogul will not experience a work stoppage or disruption that could adversely affect its financial condition, operating results and cash flows. A labor dispute involving Federal-Mogul, any of its customers or suppliers or any other suppliers to Federal-Mogul's customers or that otherwise affects Federal-Mogul's operations, or the inability by it, any of its customers or suppliers or any other suppliers to its customers to negotiate, upon the expiration of a labor agreement, an extension of such agreement or a new agreement on satisfactory terms could adversely affect Federal-Mogul's financial condition, operating results and cash flows. In addition, if any of Federal-Mogul's significant customers experience a material work stoppage, the customer may halt or limit the purchase of its products. This could require Federal-Mogul to shut down or significantly reduce production at facilities relating to such products, which could adversely affect Federal-Mogul's business and harm its profitability.

Our Automotive segment is involved from time to time in legal proceedings and commercial or contractual disputes, which could have an adverse effect on its profitability and consolidated financial position.

Our Automotive segment is involved in legal proceedings and commercial or contractual disputes that, from time to time, are significant. These are typically claims that arise in the normal course of business including, without limitation, commercial or contractual disputes, including disputes with suppliers, intellectual property matters, personal injury claims, environmental issues, tax matters and employment matters. No assurances can be given that such proceedings and claims will not have a material adverse effect on our Automotive operations.

If Federal-Mogul is unable to protect its intellectual property and prevent its improper use by third parties, its ability to compete in the market may be harmed.

Various patent, copyright, trade secret and trademark laws afford only limited protection and may not prevent Federal-Mogul's competitors from duplicating its products or gaining access to its proprietary information and technology. These means also may not permit Federal-Mogul to gain or maintain a competitive advantage.

Any of Federal-Mogul's patents may be challenged, invalidated, circumvented or rendered unenforceable.

Federal-Mogul cannot guarantee that it will be successful should one or more of its patents be challenged for any reason and countries outside the United States may diminish the protection of its patents. If Federal-Mogul's patent claims are rendered invalid or unenforceable, or narrowed in scope, the patent coverage afforded to Federal-Mogul's products could be impaired, which could significantly impede Federal-Mogul's ability to market its products, negatively affect its competitive position and materially adversely affect our Automotive operations.

Federal-Mogul's pending or future patent applications may not result in an issued patent. Additionally, newly issued patents may not provide Federal-Mogul with meaningful protection against competitors or against competitive technologies. Courts in the United States and in other countries may invalidate Federal-Mogul's patents or find them unenforceable. Competitors may also be able to design around Federal-Mogul's patents. Other parties may develop and obtain patent protection for more effective technologies, designs or methods. If these developments were to occur, it could have an adverse effect on its sales. If Federal-Mogul's intellectual property rights are not adequately protected, it may not be able to commercialize its technologies, products or services and its competitors could commercialize its technologies, which could result in a decrease in Federal-Mogul's sales and market share, and could materially adversely affect our Automotive operations.

Federal-Mogul's products could infringe the intellectual property rights of others, which may lead to litigation that could itself be costly, could result in the payment of substantial damages or royalties, and could prevent

Federal-Mogul from using technology that is essential to its products.

Federal-Mogul cannot guarantee that its products, manufacturing processes or other methods do not infringe the patents or other intellectual property rights of third parties. Infringement and other intellectual property claims and proceedings brought against Federal-Mogul, whether successful or not, could result in substantial costs and harm its reputation. Such claims and proceedings can also distract and divert management and key personnel from other tasks important to the success of its business. In addition, intellectual property litigation or claims could force Federal-Mogul to do one or more of the following:

cease selling or using any of products that incorporate the asserted intellectual property, which would adversely affect Federal-Mogul's revenue;

pay substantial damages for past use of the asserted intellectual property;

obtain a license from the holder of the asserted intellectual property, which license may not be available on reasonable terms, if at all; and

redesign or rename, in the case of trademark claims, products to avoid infringing the intellectual property rights of third parties, which may not be possible and could be costly and time-consuming if it is possible to do.

In the event of an adverse determination in an intellectual property suit or proceeding, or Federal-Mogul's failure to license essential technology, Federal-Mogul's sales could be harmed and its costs could increase, which could materially adversely affect our Automotive operations.

Our Automotive segment may be exposed to certain regulatory and financial risks related to climate change.

Climate change is continuing to receive ever increasing attention worldwide. Many scientists, legislators and others attribute climate change to increased levels of greenhouse gases, including carbon dioxide, which could lead to additional legislative and regulatory efforts to limit greenhouse gas emissions. The focus on emissions could increase costs associated with Automotive segment's operations, including costs for raw materials and transportation. Because the scope of future laws in this area is uncertain, we cannot predict the potential effect of such laws on our Automotive segment's future financial condition, results of operations or cash flows.

Energy

Risks Related to our Energy Segment as a Whole

Instability and volatility in the capital, credit and commodity markets in the global economy could negatively impact our Energy segment's business, financial condition, results of operations and cash flows.

Our Energy segment's business, financial condition and results of operations could be negatively impacted by difficult conditions and volatility in the capital, credit and commodities markets and in the global economy. For example:

Although CVR believes the petroleum business has sufficient liquidity under its ABL credit facility and the intercompany credit facility to operate both the Coffeyville and Wynnewood refineries, and that the nitrogen fertilizer business has sufficient liquidity under its revolving credit facility to run the nitrogen fertilizer business, under extreme market conditions there can be no assurance that such funds would be available or sufficient, and in such a case, CVR may not be able to successfully obtain additional financing on favorable terms, or at all. Furthermore, the nitrogen fertilizer business' credit facility matures in April 2016 and there can be no assurance that it will be able to refinance its \$125 million of outstanding term loan debt or obtain a new revolving credit facility on similar terms or at all. Market volatility could exert downward pressure on the price of CVR Refining's and CVR Partners' common units, which may make it more difficult for either or both of them to raise additional capital and thereby limit their ability to grow, which could in turn cause CVR's stock price to drop.

The petroleum business' and nitrogen fertilizer business' credit facilities contain various covenants that must be complied with, and if either business is not in compliance, there can be no assurance that either business would be able to successfully amend the agreement in the future. Further, any such amendment may be expensive. In addition, any new credit facility the petroleum business or nitrogen fertilizer business may enter into may require them to agree to additional covenants.

Market conditions could result in significant customers experiencing financial difficulties. CVR is exposed to the credit risk of its customers, and their failure to meet their financial obligations when due because of bankruptcy, lack of liquidity, operational failure or other reasons could result in decreased sales and earnings for CVR.

The refineries and nitrogen fertilizer facility face significant risks due to physical damage hazards, environmental liability risk exposure, and unplanned or emergency partial or total plant shutdowns resulting in business interruptions. CVR could incur potentially significant costs to the extent there are unforeseen events which cause property damage and a material decline in production which are not fully insured. The commercial insurance industry engaged in underwriting energy industry risk is specialized and there is finite capacity; therefore, the industry may limit or curtail coverage, may modify the coverage provided or may substantially increase premiums in the future.

If any of CVR's production plants, logistics assets, key pipeline operations serving its plants, or key suppliers sustains a catastrophic loss and operations are shut down or significantly impaired, it would have a material adverse impact on our Energy segment's operations, financial condition and cash flows. In addition, the risk exposures CVR has at the Coffeyville, Kansas plant complex are greater due to production facilities for refinery and fertilizer production, distribution and storage being in relatively close proximity and potentially exposed to damage from one incident, such as resulting damages from the perils of explosion, windstorm, fire, or flood. Operations at either or both of the refineries and the nitrogen fertilizer plant could be curtailed, limited or completely shut down for an extended period of time as the result of one or more unforeseen events and circumstances, which may not be within our control, including:

- major unplanned maintenance requirements;
- catastrophic events caused by mechanical breakdown, electrical injury, pressure vessel rupture, explosion, contamination, fire, or natural disasters, including, floods, windstorms and other similar events;
- labor supply shortages, or labor difficulties that result in a work stoppage or slowdown;
- cessation or suspension of a plant or specific operations dictated by environmental authorities; and
- an event or incident involving a large clean-up, decontamination, or the imposition of laws and ordinances regulating the cost and schedule of demolition or reconstruction, which can cause significant delays in restoring property to its pre-loss condition.

CVR has sustained losses over the past ten-year period at its plants, which are illustrative of the types of risks and hazards that exist. These losses or events resulted in costs assumed by us that were not fully insured due to policy retentions or applicable exclusions. These events were as follows:

- June 2007: Coffeyville refinery and nitrogen fertilizer plant; flood;
- September 2010: Nitrogen fertilizer plant; secondary urea reactor rupture;
- December 2010: Coffeyville refinery; FCCU fire;
- December 2010: Wynnewood refinery; hydrocracker unit fire;
- September 2012: Wynnewood refinery boiler explosion;
- July/August 2013: Coffeyville refinery; FCCU outage; and
- July 2014: Coffeyville refinery; isomerization unit fire.

Currently, CVR is insured under casualty, environmental, property and business interruption insurance policies. The property and business interruption coverage has a combined policy limit of \$1.25 billion. The property and business interruption insurance policies contain limits and sub-limits which insure all of CVR's assets. There is potential for a common occurrence to impact both the nitrogen fertilizer plant and Coffeyville refinery in which case the insurance limitations would apply to all damages combined. Under this insurance program, there is a \$10.0 million property damage retention for all properties (\$2.5 million in respect of the nitrogen fertilizer plant). For business interruption losses, the insurance program has a 45-day waiting period retention for any one occurrence. In addition, the insurance policies contain a schedule of sub-limits which apply to certain specific perils or areas of coverage. Sub-limits which may be of importance depending on the nature and extent of a particular insured occurrence are: flood, earthquake, contingent business interruption insuring key suppliers, pipelines and customers, debris removal, decontamination, demolition and increased cost of construction due to law and ordinance, and others. Such conditions, limits and sub-limits could materially impact insurance recoveries and potentially cause CVR to assume losses which could impair earnings.

There is finite capacity in the commercial insurance industry engaged in underwriting energy industry risk, and there are risks associated with the commercial insurance industry reducing capacity, changing the scope of insurance coverage offered, and substantially increasing premiums due to adverse loss experience or other financial

circumstances. Factors that impact insurance cost and availability include, but are not limited to: industry wide losses, natural disasters, specific losses incurred by CVR and the investment returns earned by the insurance industry. If the supply of commercial insurance is curtailed due to

highly adverse financial results, CVR may not be able to continue our present limits of insurance coverage or obtain sufficient insurance capacity to adequately insure our risks for property damage or business interruption.

Environmental laws and regulations could require CVR to make substantial capital expenditures to remain in compliance or to remediate current or future contamination that could give rise to material liabilities.

CVR's operations are subject to a variety of federal, state and local environmental laws and regulations relating to the protection of the environment, including those governing the emission or discharge of pollutants into the environment, product specifications and the generation, treatment, storage, transportation, disposal and remediation of solid and hazardous wastes. Violations of these laws and regulations or permit conditions can result in substantial penalties, injunctive orders compelling installation of additional controls, civil and criminal sanctions, permit revocations and/or facility shutdowns.

In addition, new environmental laws and regulations, new interpretations of existing laws and regulations, increased governmental enforcement of laws and regulations or other developments could require CVR to make additional unforeseen expenditures. Many of these laws and regulations are becoming increasingly stringent, and the cost of compliance with these requirements can be expected to increase over time. The requirements to be met, as well as the technology and length of time available to meet those requirements, continue to develop and change. These expenditures or costs for environmental compliance could have a material adverse effect on our Energy segment's results of operations, financial condition and profitability.

CVR's facilities operate under a number of federal and state permits, licenses and approvals with terms and conditions containing a significant number of prescriptive limits and performance standards in order to operate. All of these permits, licenses, approvals, limits and standards require a significant amount of monitoring, record-keeping and reporting in order to demonstrate compliance with the underlying permit, license, approval or standard.

Noncompliance or incomplete documentation of CVR's compliance status may result in the imposition of fines, penalties and injunctive relief. Additionally, due to the nature of CVR's manufacturing and refining processes, there may be times when CVR is unable to meet the standards and terms and conditions of these permits, licenses and approvals due to operational upsets or malfunctions, which may lead to the imposition of fines and penalties or operating restrictions that may have a material adverse effect on CVR's ability to operate its facilities and accordingly its financial performance.

CVR could incur significant cost in cleaning up contamination at its refineries, terminals, fertilizer plant and off-site locations.

CVR's businesses are subject to the occurrence of accidental spills, discharges or other releases of petroleum or hazardous substances into the environment. Past or future spills related to any of our current or former operations, including the refineries, pipelines, product terminals, fertilizer plant or transportation of products or hazardous substances from those facilities, may give rise to liability (including strict liability, or liability without fault, and potential clean-up responsibility) to governmental entities or private parties under federal, state or local environmental laws, as well as under common law. For example, CVR could be held strictly liable under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), and similar state statutes for past or future spills without regard to fault or whether our actions were in compliance with the law at the time of the spills. Pursuant to CERCLA and similar state statutes, CVR could be held liable for contamination associated with facilities it currently owns or operates (whether or not such contamination occurred prior to our acquisition thereof), facilities it formerly owned or operated (if any) and facilities to which it transported or arranged for the transportation of wastes or byproducts containing hazardous substances for treatment, storage, or disposal.

The potential penalties and clean-up costs for past or future releases or spills, liability to third parties for damage to their property or exposure to hazardous substances, or the need to address newly discovered information or conditions that may require response actions could be significant and could have a material adverse effect on our results of operations, financial condition and cash flows. In addition, CVR may incur liability for alleged personal injury or property damage due to exposure to chemicals or other hazardous substances located at or released from our facilities. CVR may also face liability for personal injury, property damage, natural resource damage or for clean-up costs for the alleged migration of contamination or other hazardous substances from its facilities to adjacent and other nearby properties.

Four of CVR's facilities, including the Coffeyville refinery, the now-closed Phillipsburg terminal (which operated as a refinery until 1991), the Wynnewood refinery and the nitrogen fertilizer plant, have environmental contamination. CVR has assumed Farmland's responsibilities under certain administrative orders under the RCRA related to contamination at or that originated from the Coffeyville refinery and the Phillipsburg terminal. The Coffeyville refinery has agreed to assume liability for contamination that migrated from the refinery onto the nitrogen fertilizer plant property while Farmland owned and operated the properties. At the Wynnewood refinery, known areas of contamination have been partially addressed but corrective action has not been completed and some portions of the Wynnewood refinery have not yet been investigated to determine whether corrective action is necessary. If significant unknown liabilities are identified at or migrating from any of our facilities, that liability could have a material adverse effect on our results of operations, financial condition and cash flows and may not be covered by insurance.

CVR may incur future liability relating to the off-site disposal of hazardous wastes. Companies that dispose of, or arrange for the treatment, transportation or disposal of, hazardous substances at off-site locations may be held jointly and severally liable for the costs of investigation and remediation of contamination at those off-site locations, regardless of fault. CVR could become involved in litigation or other proceedings involving off-site waste disposal and the damages or costs in any such proceedings could be material.

CVR may be unable to obtain or renew permits necessary for our Energy segment's operations, which could inhibit its ability to do business.

CVR holds numerous environmental and other governmental permits and approvals authorizing operations at its facilities. Future expansion of CVR's operations is also predicated upon securing the necessary environmental or other permits or approvals. A decision by a government agency to deny or delay issuing a new or renewed material permit or approval, or to revoke or substantially modify an existing permit or approval, could have a material adverse effect on its ability to continue operations and on our Energy segment's financial condition, results of operations and cash flows. For example, WRC's OPDES permit has expired and is in the renewal process. The refinery timely submitted their renewal application; and therefore, the refinery is authorized to operate under expired permit terms and conditions until the state regulatory agency renews the permit. The renewal permit may contain different terms and conditions that would require unplanned or unanticipated costs.

Climate change laws and regulations could have a material adverse effect on our Energy segment's results of operations, financial condition, and cash flows.

The EPA regulates green house gas ("GHG") emissions under the Clean Air Act. In October 2009, the EPA finalized a rule requiring certain large emitters of GHGs to inventory and report their GHG emissions to the EPA. In accordance with the rule, CVR has begun monitoring and reporting its GHG emissions to the EPA. In May 2010, the EPA finalized the "Greenhouse Gas Tailoring Rule," which established new GHG emissions thresholds that determine when stationary sources, such as the refineries and the nitrogen fertilizer plant, must obtain permits under the New Source Review/Prevention of Significant Deterioration ("PSD") and Title V programs of the federal Clean Air Act. Under the rule, facilities already subject to PSD and Title V programs that increase their emissions of GHGs by a significant amount are required to undergo PSD review and to evaluate and implement air pollution control technology, known as "best available control technology," to reduce GHG emissions.

In the meantime, in December 2010, the EPA reached a settlement agreement with numerous parties under which it agreed to promulgate NSPS to regulate GHG emissions from petroleum refineries and electric utilities by November 2012. In September 2014, the EPA indicated that the petroleum refining sector risk rule, proposed in June 2014 to address air toxics and volatile organic compounds from refineries, may make it unnecessary for the EPA to regulate GHG emissions from petroleum refineries at this time. The final rule, which was published in the Federal Register on December 1, 2015, places additional emission control requirements and work practice standards on FCCUs, storage tanks, flares, coking units and other equipment at petroleum refineries. Therefore, we expect that the EPA will not be issuing NSPS standards to regulate GHG from the refineries at this time but that it may do so in the future.

During the State of the Union address in each of the last three years, President Obama indicated that the United States should take action to address climate change. At the federal legislative level, this could mean Congressional passage of legislation adopting some form of federal mandatory GHG emission reduction, such as a nationwide cap-and-trade program. It is also possible that Congress may pass alternative climate change bills that do not mandate a nationwide cap-and-trade program and instead focus on promoting renewable energy and energy efficiency.

In addition to potential federal legislation, a number of states have adopted regional greenhouse gas initiatives to reduce carbon dioxide and other GHG emissions. In 2007, a group of Midwest states, including Kansas (where the Coffeyville refinery and the nitrogen fertilizer facility are located), formed the Midwestern Greenhouse Gas Reduction Accord, which calls for the development of a cap-and-trade system to control GHG emissions and for the inventory of such emissions. However, the individual states that have signed on to the accord must adopt laws or regulations implementing the trading scheme before it becomes effective. To date, Kansas has taken no meaningful action to implement the accord, and it's unclear whether Kansas intends to do so in the future.

Alternatively, the EPA may take further steps to regulate GHG emissions. The implementation of EPA regulations and/or the passage of federal or state climate change legislation may result in increased costs to (i) operate and maintain our facilities, (ii) install new emission controls on our facilities and (iii) administer and manage any GHG

emissions program. Increased costs associated with compliance with any current or future legislation or regulation of GHG emissions, if it occurs, may have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

In addition, climate change legislation and regulations may result in increased costs not only for our business but also users of our refined and fertilizer products, thereby potentially decreasing demand for our products. Decreased demand for our products may have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

CVR is subject to strict laws and regulations regarding employee and process safety, and failure to comply with these laws and regulations could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

CVR is subject to the requirements of OSHA and comparable state statutes that regulate the protection of the health and safety of workers, and the proper design, operation and maintenance of our equipment. In addition, OSHA and certain environmental regulations require that we maintain information about hazardous materials used or produced in our operations and that we provide this information to employees and state and local governmental authorities. Failure to comply with these requirements, including general industry standards, record keeping requirements and monitoring and control of occupational exposure to regulated substances, may result in significant fines or compliance costs, which could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

Deliberate, malicious acts, including terrorism, could damage CVR's facilities, disrupt its operations or injure employees, contractors, customers or the public and result in liability to our Energy operations.

Intentional acts of destruction could hinder CVR's sales or production and disrupt its supply chain. CVR's facilities could be damaged or destroyed, reducing its operational production capacity and requiring it to repair or replace its facilities at substantial cost. Employees, contractors and the public could suffer substantial physical injury for which CVR could be liable. Governmental authorities may impose security or other requirements that could make CVR's operations more difficult or costly. The consequences of any such actions could adversely affect our Energy segment's operating results, financial condition and cash flows.

Both the petroleum and nitrogen fertilizer businesses depend on significant customers and the loss of one or several significant customers may have a material adverse impact on our Energy segment's results of operations, financial condition and cash flows.

The petroleum and nitrogen fertilizer businesses both have a significant concentration of customers. Given the nature of our Energy segment's businesses, and consistent with industry practice, our Energy segment does not have long-term minimum purchase contracts with any of its customers. The loss of several of our Energy segment's significant customers, or a significant reduction in purchase volume by several of them, could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. See Part I, "Business - Energy," of this Report for further discussion regarding concentration of customers.

The acquisition and expansion strategy of CVR's petroleum business and the nitrogen fertilizer business involves significant risks.

Both CVR's petroleum business and the nitrogen fertilizer business will consider pursuing acquisitions and expansion projects in order to continue to grow and increase profitability. However, CVR may not be able to consummate such acquisitions or expansions, due to intense competition for suitable acquisition targets, the potential unavailability of financial resources necessary to consummate acquisitions and expansions, difficulties in identifying suitable acquisition targets and expansion projects or in completing any transactions identified on sufficiently favorable terms and the failure to obtain requisite regulatory or other governmental approvals. In addition, any future acquisitions and expansions may entail significant transaction costs and risks associated with entry into new markets and lines of business.

In addition to the risks involved in identifying and completing acquisitions described above, even when acquisitions are completed, integration of acquired entities can involve significant difficulties, such as:

- unforeseen difficulties in the integration of the acquired operations and disruption of the ongoing operations of CVR's business;
- failure to achieve cost savings or other financial or operating objectives contributing to the accretive nature of an acquisition;
- strain on the operational and managerial controls and procedures of the petroleum business and the nitrogen fertilizer business, and the need to modify systems or to add management resources;
- difficulties in the integration and retention of customers or personnel and the integration and effective deployment of operations or technologies;
- assumption of unknown material liabilities or regulatory non-compliance issues;

- amortization of acquired assets, which would reduce future reported earnings;
- possible adverse short-term effects on our Energy segment's cash flows or operating results; and
- diversion of management's attention from the ongoing operations of our Energy segment's business.

In addition, in connection with any potential acquisition or expansion project, CVR Refining or CVR Partners (as applicable) will need to consider whether a business they intend to acquire or expansion project they intend to pursue could affect their tax treatment as a partnership for federal income tax purposes. If the petroleum business or the nitrogen fertilizer business is otherwise unable to conclude that the activities of the business being acquired or the expansion project would not affect its treatment as a partnership for federal income tax purposes, it may elect to seek a ruling from the IRS. Seeking such a ruling could be costly or, in the case of competitive acquisitions, place the business in a competitive disadvantage compared to other potential acquirers who do not seek such a ruling. If the petroleum business or the nitrogen fertilizer business is unable to conclude that an activity would not affect its treatment as a partnership for federal income tax purposes, and is unable or unwilling to obtain an IRS ruling, the petroleum business or the nitrogen fertilizer business may choose to acquire such business or develop such expansion project in a corporate subsidiary, which would subject the income related to such activity to entity-level taxation, which would reduce the amount of cash available for distribution to the unitholders and would likely cause a substantial reduction in the value of its common units.

Failure to manage these acquisition and expansion growth risks could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. There can be no assurance that CVR will be able to consummate any acquisitions or expansions, successfully integrate acquired entities, or generate positive cash flow at any acquired company or expansion project.

Internally generated cash flows and other sources of liquidity may not be adequate for the capital needs of CVR's businesses.

CVR's businesses are capital intensive, and working capital needs may vary significantly over relatively short periods of time. For instance, crude oil price volatility can significantly impact working capital on a week-to-week and month-to-month basis. If CVR cannot generate adequate cash flow or otherwise secure sufficient liquidity to meet our Energy segment's working capital needs or support its short-term and long-term capital requirements, it may be unable to meet its debt obligations, pursue its business strategies or comply with certain environmental standards, which would have a material adverse effect on our Energy segment's business and results of operations.

A substantial portion of CVR's workforce is unionized and it is subject to the risk of labor disputes and adverse employee relations, which may disrupt its business and increase its costs.

As of December 31, 2015, approximately 54% of the employees at the Coffeyville refinery and 59% of the employees at the Wynnewood refinery were represented by labor unions under collective bargaining agreements. At Coffeyville, the collective bargaining agreement with five Metal Trades Unions (which covers union represented employees who work directly at the Coffeyville refinery) expires in March 2019. The collective bargaining agreement with the United Steelworkers (which covers the balance of the petroleum business' unionized employees, who work in crude transportation) expires in March 2017, and automatically renews on an annual basis thereafter unless a written notice is received sixty days in advance of the relevant expiration date. The collective bargaining agreement with the International Union of Operating Engineers with respect to the Wynnewood refinery expires in June 2017. Our Energy segment may not be able to renegotiate our collective bargaining agreements when they expire on satisfactory terms or at all. A failure to do so may increase our costs. In addition, CVR's existing labor agreements may not prevent a strike or work stoppage at any of our facilities in the future, and any work stoppage could negatively affect our Energy segment's results of operations, financial condition and cash flows.

New regulations concerning the transportation, storage and handling of hazardous chemicals, risks of terrorism and the security of chemical manufacturing facilities could result in higher operating costs.

The costs of complying with future regulations relating to the transportation, storage and handling of hazardous chemicals and security associated with the refining and nitrogen fertilizer facilities may have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. Targets such as refining and chemical manufacturing facilities may be at greater risk of future terrorist attacks than other targets in the United States. As a result, the petroleum and chemical industries have responded to the issues that arose due to the terrorist attacks on September 11, 2001 by starting new initiatives relating to the security of petroleum and chemical industry facilities and the transportation of hazardous chemicals in the United States. Future terrorist attacks could lead to even stronger, more costly initiatives that could result in a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. The 2013 fertilizer plant explosion in West, Texas has generated

consideration of more restrictive measures in storage, handling and transportation of crop production materials, including fertilizers.

Compliance with and changes in the tax laws could adversely affect CVR's performance.

CVR is subject to extensive tax liabilities, including United States and state income taxes and transactional taxes such as excise, sales/use, payroll, franchise and withholding taxes. New tax laws and regulations are continuously being enacted or proposed that could result in increased expenditures for tax liabilities in the future.

CVR Refining's and CVR Partners' level of indebtedness may increase, which would reduce their financial flexibility and the distributions they make on their common units.

As of the date of this Report, our Energy segment had significant indebtedness outstanding. In the future, CVR Refining and CVR Partners may incur additional significant indebtedness in order to make future acquisitions, expand their businesses or develop their properties. Their respective levels of indebtedness could affect their operations in several ways, including the following:

- a significant portion of their cash flows could be used to service their indebtedness, reducing available cash and their ability to make distributions on their common units (including distributions to CVR);

- a high level of debt would increase their vulnerability to general adverse economic and industry conditions;

- the covenants contained in their debt agreements will limit their ability to borrow additional funds, dispose of assets, pay distributions and make certain investments;

- a high level of debt may place them at a competitive disadvantage compared to competitors that are less leveraged, and therefore may be able to take advantage of opportunities that their indebtedness would prevent them from pursuing;

- their debt covenants may also affect flexibility in planning for, and reacting to, changes in the economy and in their industries;

- a high level of debt may make it more likely that a reduction in the petroleum business' borrowing base following a periodic redetermination could require CVR Refining to repay a portion of its then-outstanding bank borrowings under its ABL credit facility; and

- a high level of debt may impair their ability to obtain additional financing in the future for working capital, capital expenditures, debt service requirements, acquisitions, general corporate or other purposes.

In addition, borrowings under their respective credit facilities and other credit facilities they may enter into in the future will bear interest at variable rates. If market interest rates increase, such variable-rate debt will create higher debt service requirements, which could adversely affect their ability to make distributions to common unitholders (including CVR).

In addition to debt service obligations, their operations require substantial investments on a continuing basis. Their ability to make scheduled debt payments, to refinance debt obligations and to fund capital and non-capital expenditures necessary to maintain the condition of operating assets, properties and systems software, as well as to provide capacity for the growth of their businesses, depends on their respective financial and operating performance. General economic conditions and financial, business and other factors affect their operations and their future performance. Many of these factors are beyond their control. They may not be able to generate sufficient cash flows to pay the interest on their debt, and future working capital, borrowings or equity financing may not be available to pay or refinance such debt.

In addition, the bank borrowing base under CVR Refining's ABL credit facility will be subject to periodic redeterminations. It could be forced to repay a portion of its bank borrowings due to redeterminations of its borrowing base. If it is forced to do so, it may not have sufficient funds to make such repayments. If CVR Refining does not have sufficient funds and is otherwise unable to negotiate renewals of its borrowings or arrange new financing, it may have to sell significant assets. Any such sale could have a material adverse effect on CVR Refining's business and financial condition and, as a result, its ability to make distributions to common unitholders (including CVR).

CVR Refining and CVR Partners may not be able to generate sufficient cash to service all of their indebtedness and may be forced to take other actions to satisfy their debt obligations that may not be successful.

CVR Refining's and CVR Partners' ability to satisfy their debt obligations will depend upon, among other things:

- their future financial and operating performance, which will be affected by prevailing economic conditions and financial, business, regulatory and other factors, many of which are beyond CVR's control; and

- CVR Refining's ability to borrow under its ABL Credit Facility and the intercompany credit facility between CVR Refining and us, and CVR Partner's ability to borrow under its revolving credit facility, the availability of which depends on, among other things, compliance with their respective covenants.

CVR cannot offer any assurance that its businesses will generate sufficient cash flow from operations, or that CVR Refining will be able to draw under its ABL credit facility or the intercompany credit facility, or that CVR Partners

will be able to draw under its revolving credit facility, or from other sources of financing, in an amount sufficient to fund their respective liquidity needs.

If cash flows and capital resources are insufficient to service their indebtedness, CVR Refining or CVR Partners may be forced to reduce or delay capital expenditures, sell assets, seek additional capital or restructure or refinance their indebtedness.

These alternative measures may not be successful and may not permit them to meet their scheduled debt service obligations. Their ability to restructure or refinance debt will depend on the condition of the capital markets and their financial condition at such time. Any refinancing of their debt could be at higher interest rates and may require them to comply with more onerous covenants, which could further restrict their business operations, and the terms of existing or future debt agreements may restrict us from adopting some of these alternatives. In addition, in the absence of adequate cash flows or capital resources, they could face substantial liquidity problems and might be required to dispose of material assets or operations, or sell equity, in order to meet their debt service and other obligations. They may not be able to consummate those dispositions for fair market value or at all. CVR Refining's Amended and Restated ABL Credit Facility and the indenture governing its 6.5% senior notes and CVR Partners' credit facility may restrict, or market or business conditions may limit, their ability to avail themselves of some or all of these options. Furthermore, any proceeds that CVR realizes from any such dispositions may not be adequate to meet their debt service obligations when due. None of CVR's stockholders or any of their respective affiliates has any continuing obligation to provide CVR with debt or equity financing.

The borrowings under CVR Refining's Amended and Restated ABL Credit Facility and intercompany credit facility and CVR Partners' revolving credit facility bear interest at variable rates and other debt CVR or they incur could likewise be variable-rate debt. If market interest rates increase, variable-rate debt will create higher debt service requirements, which could adversely affect their respective distributions to us. CVR Refining or CVR Partners may enter into agreements limiting their exposure to higher interest rates, but any such agreements may not offer complete protection from this risk.

Covenants in CVR's debt instruments could limit its ability to incur additional indebtedness and engage in certain transactions, which could adversely affect our Energy segment's liquidity and its ability to pursue its business strategies.

The indenture governing CVR Refining's notes and the ABL credit facility and CVR Partners' credit facility contain a number of restrictive covenants that will impose significant operating and financial restrictions on them and their subsidiaries and may limit their ability to engage in acts that may be in their long-term best interest, including restrictions on their ability, among other things, to:

- incur, assume or guarantee additional debt or issue redeemable or preferred units;
- make distributions or prepay, redeem, or repurchase certain debt;
- enter into agreements that restrict distributions from restricted subsidiaries;
- incur liens;
- sell or otherwise dispose of assets, including capital stock of subsidiaries;
- enter into transactions with affiliates; and
- merge, consolidate or sell substantially all of their assets.

In particular, the indenture governing CVR Refining's 2022 Notes prohibits it from making distributions to unitholders (including us) if any default or event of default (as defined in the indenture) exists. In addition, the indenture governing CVR Refining's 2022 Notes contains covenants limiting CVR Refining's ability to pay distributions to unitholders. The covenants will apply differently depending on CVR Refining's fixed charge coverage ratio (as defined in the indenture). If the fixed charge coverage ratio is not less than 2.5 to 1.0, CVR Refining will generally be permitted to make restricted payments, including distributions to its unitholders, without substantive restriction. If the fixed charge coverage ratio is less than 2.5 to 1.0, CVR Refining will generally be permitted to make restricted payments, including distributions to its unitholders, up to an aggregate \$100.0 million basket plus certain other amounts referred to as "incremental funds" under the indenture. In addition, CVR Refining's Amended and Restated ABL Credit Facility requires it to maintain a minimum excess availability under the facility as a condition to the payment of distributions to its unitholders. CVR Partners' credit facility requires that, before CVR Partners can make distributions to CVR, it must be in compliance with leverage ratio and interest coverage ratio tests. Any new indebtedness could have similar or greater restrictions.

A breach of the covenants under the foregoing debt instruments could result in an event of default. Upon a default, unless waived, the holders of CVR Refining's 2022 Notes and lenders under CVR Refining's Amended and Restated ABL Credit Facility and CVR Partners' credit facility would have all remedies available to a secured lender, and could

elect to terminate their commitments, cease making further loans, institute foreclosure proceedings against CVR Refining or CVR Partners (as applicable) or its respective subsidiaries' assets, and force it and its subsidiaries into bankruptcy or liquidation, subject to intercreditor agreements. In addition, any defaults could trigger cross defaults under other or future credit agreements or indentures. CVR Refining's or CVR Partners' operating results may not be sufficient to service their indebtedness or to fund CVR's other expenditures and they may not be able to obtain financing to meet these requirements. As a result of these restrictions, they may be limited in how they conduct their respective businesses, unable to raise additional debt or equity

financing to operate during general economic or business downturns or unable to compete effectively or to take advantage of new business opportunities.

Despite their indebtedness, CVR Refining and CVR Partners may still be able to incur significantly more debt, including secured indebtedness. This could intensify the risks described above.

CVR Refining and CVR Partners may be able to incur substantially more debt in the future, including secured indebtedness. Although CVR Refining's ABL credit facility and the 2022 Notes and CVR Partners' credit facility contain restrictions on the incurrence of additional indebtedness, these restrictions are subject to a number of qualifications and exceptions and, under certain circumstances, indebtedness incurred in compliance with these restrictions could be substantial. Also, these restrictions may not prevent them from incurring obligations that do not constitute indebtedness. To the extent such new debt or new obligations are added to their existing indebtedness, the risks described above could substantially increase.

Risks Related to the Limited Partnership Structures Through Which CVR Currently Hold its Interests in the Refinery Business and the Nitrogen Fertilizer Business

Both CVR Refining and CVR Partners currently have in place a policy to distribute all of the "available cash" each generates on a quarterly basis, which could limit their ability to grow and make acquisitions.

The current policies of both the board of directors of CVR Refining's general partner and CVR Partners' general partner is to distribute an amount equal to the available cash generated by each partnership each quarter to their respective unitholders. As a result of their respective cash distribution policies, CVR Refining and CVR Partners will rely primarily upon external financing sources, including commercial bank borrowings and the issuance of debt and equity securities, to fund acquisitions and expansion capital expenditures. As such, to the extent they are unable to finance growth externally, their respective cash distribution policies will significantly impair their ability to grow. The board of directors of the general partner of either CVR Refining or CVR Partners may modify or revoke its cash distribution policy at any time at its discretion, including in such a manner that would result in an elimination of cash distributions regardless of the amount of available cash they generate. Each board of directors will determine the cash distribution policy it deems advisable for them on an independent basis.

In addition, because of their respective distribution policies, their growth, if any, may not be as robust as that of businesses that reinvest their available cash to expand ongoing operations. To the extent either issues additional units in connection with any acquisitions or expansion capital expenditures or as in-kind distributions, current unitholders will experience dilution and the payment of distributions on those additional units will decrease the amount each distributes in respect of each of its outstanding units. There are no limitations in their respective partnership agreements on either CVR Refining's or CVR Partners' ability to issue additional units, including units ranking senior to the outstanding common units. The incurrence of additional commercial borrowings or other debt to finance their growth strategy would result in increased interest expense, which, in turn, would reduce the available cash they have to distribute to unitholders (including CVR and us).

Each of CVR Refining and CVR Partners may not have sufficient available cash to pay any quarterly distribution on their respective common units. Furthermore, neither is required to make distributions to holders of its common units on a quarterly basis or otherwise, and both may elect to distribute less than all of their respective available cash. Either or both of CVR Refining or CVR Partners may not have sufficient available cash each quarter to enable the payment of distributions to common unitholders. CVR Refining and CVR Partners are separate public companies, and available cash generated by one of them will not be used to make distributions to common unitholders of the other. Furthermore, their respective partnership agreements do not require either to pay distributions on a quarterly basis or otherwise. The board of directors of the general partner of either CVR Refining or CVR Partners may at any time, for any reason, change its cash distribution policy or decide not to make any distribution. The amount of cash they will be able to distribute in respect of their common units principally depends on the amount of cash they generate from operations, which is directly dependent upon the margins each business generates. Please see "- Risks Related to CVR's Petroleum Business - The price volatility of crude oil and other feedstocks, refined products and utility services may have a material adverse effect on our profitability and our ability to pay distributions to unitholders" and "- Risks Related to CVR's Nitrogen Fertilizer Business - The nitrogen fertilizer business is, and nitrogen fertilizer prices are,

cyclical and highly volatile, and the nitrogen fertilizer business has experienced substantial downturns in the past. Cycles in demand and pricing could potentially expose the nitrogen fertilizer business to significant fluctuations in its operating and financial results and have a material adverse effect on our results of operations, financial condition and cash flows."

If either of CVR Refining or CVR Partners were to be treated as a corporation, rather than as a partnership, for U.S. federal income tax purposes or if either Partnership were otherwise subject to entity-level taxation, such entity's cash available for distribution to its common unitholders, including to us, would be reduced, likely causing a substantial reduction in the value of such its common units, including the common units held by CVR and us.

Current law requires CVR Refining and CVR Partners to derive at least 90% of their respective annual gross income from certain specified activities in order to continue to be treated as a partnership, rather than as a corporation, for U.S. federal income tax purposes. One or both of them may not find it possible to meet this qualifying income requirement, or may inadvertently fail to meet this qualifying income requirement. If either CVR Refining or CVR Partners were to be treated as a corporation for U.S. federal income tax purposes, they would pay U.S. federal income tax on all of their taxable income at the corporate tax rate, which is currently a maximum of 35%, they would likely pay additional state and local income taxes at varying rates, and distributions to their common unitholders, including to us, would generally be taxed as corporate distributions.

If CVR Refining and CVR Partners were to be treated as corporations, rather than as partnerships, for U.S. federal income tax purposes or if they were otherwise subject to entity-level taxation, their cash available for distribution to its common unitholders, including to CVR, and the value of their common units, including the common units held by CVR, could be substantially reduced.

CVR may have liability to repay distributions that are wrongfully distributed to it.

Under certain circumstances, CVR may, as a holder of common units in CVR Refining and CVR Partners, have to repay amounts wrongfully returned or distributed to us. Under the Delaware Revised Uniform Limited Partnership Act, a partnership may not make distributions to its unitholders if the distribution would cause its liabilities to exceed the fair value of its assets. Delaware law provides that for a period of three years from the date of an impermissible distribution, limited partners who received the distribution and who knew at the time of the distribution that it violated Delaware law will be liable to the company for the distribution amount.

Public investors own approximately 47% of the nitrogen fertilizer business through CVR Partners and approximately 34% of the petroleum business through CVR Refining. Although CVR owns the majority of the common units and the general partner of both CVR Refining and CVR Partners, the general partners owe a duty of good faith to public unitholders, which could cause them to manage their respective businesses differently than if there were no public unitholders.

Public investors own approximately 47% of CVR Partners' common units and approximately 34% of CVR Refining's common units. CVR is not entitled to receive all of the cash generated by the nitrogen fertilizer business or the petroleum business or freely transfer money from the nitrogen fertilizer business to finance operations at the petroleum business or vice versa. Furthermore, although we continue to own the majority of the common units and the general partner of both CVR Refining and CVR Partners, the general partners are subject to certain fiduciary duties, which may require the general partners to manage their respective businesses in a way that may differ from CVR's best interests.

The general partners of CVR Refining and CVR Partners have limited their liability, replaced default fiduciary duties and restricted the remedies available to common unitholders, including CVR, for actions that, without these limitations and reductions might otherwise constitute breaches of fiduciary duty.

The respective partnership agreements of CVR Refining and CVR Partners limit the liability and replace the fiduciary duties of their respective general partner, while also restricting the remedies available to each partnership's common unitholders, including CVR, for actions that, without these limitations and reductions, might constitute breaches of fiduciary duty. Delaware partnership law permits such contractual reductions of fiduciary duty. The partnership agreements contain provisions that replace the standards to which each general partner would otherwise be held by state fiduciary duty law. For example, the partnership agreements:

• permit each partnership's general partner to make a number of decisions in its individual capacity, as opposed to its capacity as general partner. This entitles its general partner to consider only the interests and factors that it desires, and means that it has no duty or obligation to give any consideration to any interest of, or factors affecting, any limited partner.

• provide that each partnership's general partner will not have any liability to unitholders for decisions made in its capacity as general partner so long as (i) in the case of CVR Partners, it acted in good faith, meaning it believed that the decision was in the best interest of CVR Partners and (ii) in the case of CVR Refining, it did not make such decisions in bad faith, meaning it believed that the decisions were adverse to CVR Refining's interests.

• provide that each partnership's general partner and the officers and directors of its general partner will not be liable for monetary damages to common unitholders, including CVR, for any acts or omissions unless there has been a final and

non-appealable judgment entered by a court of competent jurisdiction determining that (i) in the case of CVR Partners, the general partner or its officers or directors acted in bad faith or engaged in fraud or willful misconduct, or in, the case of a criminal matter, acted with knowledge that the conduct was criminal and (ii) in the case of CVR Refining, such losses or liabilities were the result of the conduct of its general partner or such officer or director engaged in by it in bad faith or with respect to any criminal conduct, with the knowledge that its conduct was unlawful.

In addition, CVR Refining's partnership agreement provides that its general partner will not be in breach of its obligations thereunder or its duties to CVR Refining or its limited partners if a transaction with an affiliate or the resolution of a conflict of interest is either (i) approved by the conflicts committee of its board of directors of the general partner, although the general partner is not obligated to seek such approval; or (ii) approved by the vote of a majority of the outstanding units, excluding any units owned by the general partner and its affiliates. In addition, CVR Partners' partnership agreement (i) generally provides that affiliated transactions and resolutions of conflicts of interest not approved by the conflicts committee of the board of directors of its general partner and not involving a vote of unitholders must be on terms no less favorable to CVR Partners than those generally being provided to or available from unrelated third parties or be "fair and reasonable" to CVR Partners, as determined by its general partner in good faith, and that, in determining whether a transaction or resolution is "fair and reasonable," the general partner may consider the totality of the relationships between the parties involved, including other transactions that may be particularly advantageous or beneficial to affiliated parties, including CVR and (ii) provides that in resolving conflicts of interest, it will be presumed that in making its decision, the general partner or its conflicts committee acted in good faith, and in any proceeding brought by or on behalf of any holder of common units, the person bringing or prosecuting such proceeding will have the burden of overcoming such presumption.

With respect to the common units that CVR owns, it has agreed to be bound by the provisions set forth in each partnership agreement, including the provisions described above.

CVR Refining and CVR Partners are managed by the executive officers of their general partners, some of whom are employed by and serve as part of the senior management team of CVR and its affiliates. Conflicts of interest could arise as a result of this arrangement.

CVR Refining and CVR Partners are each managed by the executive officers of their general partners, some of whom are employed by and serve as part of the senior management team of CVR. Furthermore, although both CVR Refining and CVR Partners have entered into services agreements with CVR under which they compensate CVR for the services of its management, CVR's management is not required to devote any specific amount of time to the petroleum business or the nitrogen fertilizer business and may devote a substantial majority of their time to the business of CVR. Moreover CVR may terminate the services agreement with CVR Refining or CVR Partners at any time, in each case subject to a 180-day notice period. In addition, key executive officers of CVR, including its president and chief executive officer, chief financial officer and general counsel, will face conflicts of interest if decisions arise in which CVR Refining, CVR Partners and CVR has conflicting points of view or interests.

Risks Relating to CVR's Petroleum Business

The price volatility of crude oil and other feedstocks, refined products and utility services may have a material adverse effect on our Energy segment's earnings, profitability and cash flows.

Our Energy segment's petroleum business' financial results are primarily affected by the relationship, or margin, between refined product prices and the prices for crude oil and other feedstocks. When the margin between refined product prices and crude oil and other feedstock prices tightens, the petroleum business' earnings, profitability and cash flows are negatively affected. Refining margins historically have been volatile and are likely to continue to be volatile, as a result of a variety of factors including fluctuations in prices of crude oil, other feedstocks and refined products. Continued future volatility in refining industry margins may cause a decline in the petroleum business' results of operations, since the margin between refined product prices and crude oil and other feedstock prices may decrease below the amount needed for the petroleum business to generate net cash flow sufficient for its needs. The effect of changes in crude oil prices on the petroleum business' results of operations therefore depends in part on how quickly and how fully refined product prices adjust to reflect these changes. A substantial or prolonged increase in crude oil prices without a corresponding increase in refined product prices, or a substantial or prolonged decrease in refined product prices without a corresponding decrease in crude oil prices, could have a significant negative impact on our Energy segment's earnings, results of operations and cash flows.

Profitability is also impacted by the ability to purchase crude oil at a discount to benchmark crude oils, such as WTI, as the petroleum business does not produce any crude oil and must purchase all of the crude oil it refines. Crude oil differentials can fluctuate significantly based upon overall economic and crude oil market conditions. Adverse

changes in crude oil differentials can adversely impact refining margins, earnings and cash flows. In addition, the petroleum business' purchases of crude oil, although based on WTI prices, have historically been at a discount to WTI because of the proximity of the refineries to the sources, existing logistics infrastructure and quality differences. Any change in the sources of crude oil, infrastructure or logistical improvements or quality differences could result in a reduction of the petroleum business' historical discount to WTI and may result in a reduction of our Energy segment's cost advantage.

Refining margins are also impacted by domestic and global refining capacity. Downturns in the economy reduce the demand for refined fuels and, in turn, generate excess capacity. In addition, the expansion and construction of refineries

domestically and globally can increase refined fuel production capacity. Excess capacity can adversely impact refining margins, earnings and cash flows. The Arabian Gulf and Far East regions have added refining capacity in 2015 and 2016.

The petroleum business is significantly affected by developments in the markets in which it operates. For example, numerous pipeline projects in 2014 expanded the connectivity of the Cushing and Permian Basin markets to the gulf coast, resulting in a decrease in the domestic crude advantage.

Volatile prices for natural gas and electricity also affect the petroleum business' manufacturing and operating costs. Natural gas and electricity prices have been, and will continue to be, affected by supply and demand for fuel and utility services in both local and regional markets.

If CVR is required to obtain its crude oil supply without the benefit of a crude oil supply agreement, its exposure to the risks associated with volatile crude oil prices may increase and our Energy segment's liquidity may be reduced. Since December 31, 2009, the petroleum business has obtained substantially all of its crude oil supply for the Coffeyville refinery, other than the crude oil it gathers, through the Vitol Agreement. The Vitol Agreement was amended and restated on August 31, 2012 to include the provision of crude oil intermediation services to the Wynnewood refinery. The agreement, which currently extends through December 31, 2016, minimizes the amount of in-transit inventory and mitigates crude oil pricing risk by ensuring pricing takes place close to the time the crude oil is refined and the yielded products are sold. If the petroleum business were required to obtain its crude oil supply without the benefit of a supply intermediation agreement, its exposure to crude oil pricing risk may increase, despite any hedging activity in which it may engage, and its liquidity could be negatively impacted due to increased inventory, potential need to post letters of credit and negative impacts of market volatility. There is no assurance that the petroleum business will be able to renew or extend the Vitol Agreement beyond December 31, 2016.

Disruption of the petroleum business' ability to obtain an adequate supply of crude oil could reduce its liquidity and increase its costs.

In addition to the crude oil the petroleum business gathers locally in Kansas, Nebraska, Oklahoma, Missouri, Colorado and Texas, it also purchased additional crude oil to be refined into liquid fuels in 2015. In 2015, the Coffeyville refinery purchased an additional 65,000 to 70,000 bpd of crude oil while the Wynnewood refinery purchased approximately 45,000 to 50,000 bpd of crude oil. The Wynnewood refinery has historically acquired most of its crude oil from Texas and Oklahoma with smaller amounts purchased from other regions. The Coffeyville refinery and Wynnewood refinery obtained a portion of its non-gathered crude oil, approximately 23% and 1%, respectively, in 2015, from Canada. The actual amount of Canadian crude oil the petroleum business purchases is dependent on market conditions and will vary from year to year. The petroleum business is subject to the political, geographic, and economic risks attendant to doing business with Canada. Disruption of production for any reason could have a material impact on the petroleum business. In the event that one or more of its traditional suppliers becomes unavailable, the petroleum business may be unable to obtain an adequate supply of crude oil, or it may only be able to obtain crude oil at unfavorable prices. As a result, the petroleum business may experience a reduction in its liquidity and its results of operations could be materially adversely affected.

If CVR's access to the pipelines on which the petroleum business relies for the supply of its crude oil and the distribution of its products is interrupted, its inventory and costs may increase and it may be unable to efficiently distribute its products.

If one of the pipelines on which either of the Coffeyville or Wynnewood refineries relies for supply of crude oil becomes inoperative, the petroleum business would be required to obtain crude oil through alternative pipelines or from additional tanker trucks, which could increase its costs and result in lower production levels and profitability. Similarly, if a major refined fuels pipeline becomes inoperative, the petroleum business would be required to keep refined fuels in inventory or supply refined fuels to its customers through an alternative pipeline or by additional tanker trucks, which could increase our Energy segment's business costs and result in a decline in profitability.

The geographic concentration of the petroleum business' refineries and related assets creates an exposure to the risks of the local economy and other local adverse conditions. The location of its refineries also creates the risk of increased transportation costs should the supply/demand balance change in its region such that regional supply exceeds regional demand for refined products.

As the refineries are both located in the southern portion of Group 3 of the PADD II region, the petroleum business primarily markets its refined products in a relatively limited geographic area. As a result, it is more susceptible to regional economic conditions than the operations of more geographically diversified competitors, and any unforeseen events or circumstances that affect its operating area could also materially adversely affect its revenues and cash flows. These factors include, among other things, changes in the economy, weather conditions, demographics and population, increased supply of refined products from competitors and reductions in the supply of crude oil. Should the supply/demand balance shift in its region as a result of changes in the local economy, an increase in refining

capacity or other reasons, resulting in supply in the region exceeding demand, the petroleum business may have to deliver refined products to customers outside of the region and thus incur considerably higher transportation costs, resulting in lower refining margins, if any.

If sufficient Renewable Identification Numbers (RINs) are unavailable for purchase or if the petroleum business has to pay a significantly higher price for RINs, or if the petroleum business is otherwise unable to meet the EPA's Renewable Fuels Standard mandates, the petroleum business' financial condition and results of operations could be materially adversely affected.

Pursuant to the Energy Independence and Security Act of 2007, the EPA has promulgated the Renewable Fuel Standards ("RFS"), which requires refiners to either blend "renewable fuels," such as ethanol and biodiesel, into their transportation fuels or purchase renewable fuel credits, known as RINs, in lieu of blending. Under the RFS, the volume of renewable fuels refineries like Coffeyville and Wynnewood are obligated to blend into their finished petroleum products is adjusted annually. The petroleum business is not able to blend the substantial majority of its transportation fuels and has to purchase RINs on the open market as well as waiver credits for cellulosic biofuels from the EPA, in order to comply with the RFS. The price of RINs has been extremely volatile as the EPA's proposed renewable fuel volume mandates approached the "blend wall." The blend wall refers to the point at which the amount of ethanol blended into the transportation fuel supply exceeds the demand for transportation fuel containing such levels of ethanol. The blend wall is generally considered to be reached when more than 10% ethanol by volume ("E10 gasoline") is blended into transportation fuel.

On December 14, 2015, the EPA published in the Federal Register a final rule establishing the renewable fuel volume mandates for 2014, 2015 and 2016, and the biomass-based diesel mandate for 2017. The volumes included in the EPA's final rule increase each year, but are lower, with the exception of the volumes for biomass-based diesel, than the volumes required by the Clean Air Act. The EPA used its waiver authority to lower the volumes, but its decision to do so has been challenged in the U.S. Court of Appeals for the District of Columbia Circuit. In addition, in the final rule establishing the renewable volume obligations for 2014-2016 and bio-mass based diesel for 2017, the EPA articulated a policy to incentivize additional investments in renewable fuel blending and distribution infrastructure by increasing the price of RINs.

The petroleum business cannot predict the future prices of RINs or waiver credits. The price of RINs has been extremely volatile and has increased over the last year. Additionally, the cost of RINs is dependent upon a variety of factors, which include the availability of RINs for purchase, the price at which RINs can be purchased, transportation fuel production levels, the mix of the petroleum business' petroleum products, as well as the fuel blending performed at the refineries and downstream terminals, all of which can vary significantly from period to period. However, the costs to obtain the necessary number of RINs and waiver credits could be material, if the price for RINs continues to increase. Additionally, because the petroleum business does not produce renewable fuels, increasing the volume of renewable fuels that must be blended into its products displaces an increasing volume of the refineries' product pool, potentially resulting in lower earnings and materially adversely affecting the petroleum business' cash flows. If the demand for the petroleum business' transportation fuel decreases as a result of the use of increasing volumes of renewable fuels, increased fuel economy as a result of new EPA fuel economy standards, or other factors, the impact on its business could be material. If sufficient RINs are unavailable for purchase, if the petroleum business has to pay a significantly higher price for RINs or if the petroleum business is otherwise unable to meet the EPA's RFS mandates, its business, financial condition and results of operations could be materially adversely affected.

CVR's petroleum business faces significant competition, both within and outside of its industry. Competitors who produce their own supply of crude oil or other feedstocks, have extensive retail outlets, make alternative fuels or have greater financial resources than it does may have a competitive advantage.

The refining industry is highly competitive with respect to both crude oil and other feedstock supply and refined product markets. The petroleum business may be unable to compete effectively with competitors within and outside of the industry, which could result in reduced profitability. The petroleum business competes with numerous other companies for available supplies of crude oil and other feedstocks and for outlets for its refined products. The petroleum business is not engaged in the petroleum exploration and production business and therefore it does not produce any of its crude oil feedstocks. It does not have a retail business and therefore is dependent upon others for outlets for its refined products. It does not have long-term arrangements (those exceeding more than a twelve-month

period) for much of its output. Many of its competitors obtain significant portions of their crude oil and other feedstocks from company-owned production and have extensive retail outlets. Competitors that have their own production or extensive retail outlets with brand-name recognition are at times able to offset losses from refining operations with profits from producing or retailing operations, and may be better positioned to withstand periods of depressed refining margins or feedstock shortages.

A number of the petroleum business' competitors also have materially greater financial and other resources than it does. These competitors may have a greater ability to bear the economic risks inherent in all aspects of the refining industry. An expansion or upgrade of its competitors' facilities, price volatility, international political and economic developments and other factors are likely to continue to play an important role in refining industry economics and may add additional competitive

pressure.

In addition, the petroleum business competes with other industries that provide alternative means to satisfy the energy and fuel requirements of its industrial, commercial and individual customers. There are presently significant governmental incentives and consumer pressures to increase the use of alternative fuels in the United States. The more successful these alternatives become as a result of governmental incentives or regulations, technological advances, consumer demand, improved pricing or otherwise, the greater the negative impact on pricing and demand for our Energy segment's petroleum business' products and profitability.

Changes in the petroleum business' credit profile may affect its relationship with its suppliers, which could have a material adverse effect on its liquidity and its ability to operate the refineries at full capacity.

Changes in the petroleum business' credit profile may affect the way crude oil suppliers view its ability to make payments and may induce them to shorten the payment terms for purchases or require it to post security prior to payment. Given the large dollar amounts and volume of the petroleum business' crude oil and other feedstock purchases, a burdensome change in payment terms may have a material adverse effect on the petroleum business' liquidity and its ability to make payments to its suppliers. This, in turn, could cause it to be unable to operate the refineries at full capacity. A failure to operate the refineries at full capacity could adversely affect the petroleum business' profitability and cash flows.

CVR's commodity derivative contracts may limit our Energy segment's potential gains, exacerbate potential losses and involve other risks.

The petroleum business enters into commodity derivatives contracts to mitigate crack spread risk with respect to a portion of its expected refined products production. However, its hedging arrangements may fail to fully achieve these objectives for a variety of reasons, including its failure to have adequate hedging contracts, if any, in effect at any particular time and the failure of its hedging arrangements to produce the anticipated results. The petroleum business may not be able to procure adequate hedging arrangements due to a variety of factors. Moreover, such transactions may limit its ability to benefit from favorable changes in margins. In addition, the petroleum business' hedging activities may expose it to the risk of financial loss in certain circumstances, including instances in which:

- the volumes of its actual use of crude oil or production of the applicable refined products is less than the volumes subject to the hedging arrangement;

- accidents, interruptions in transportation, inclement weather or other events cause unscheduled shutdowns or otherwise adversely affect its refinery or suppliers or customers;

- the counterparties to its futures contracts fail to perform under the contracts; or

- a sudden, unexpected event materially impacts the commodity or crack spread subject to the hedging arrangement.

As a result, the effectiveness of CVR's risk mitigation strategy could have a material adverse impact on our Energy segment's financial results and cash flows.

The adoption of derivatives legislation by the U.S. Congress could have an adverse effect on CVR's ability to hedge risks associated with our Energy segment's petroleum business.

The U.S. Congress has adopted the Dodd-Frank Act, comprehensive financial reform legislation that establishes federal oversight and regulation of the over-the-counter derivatives market and entities, such as the petroleum business, that participate in that market, and requires the Commodities Futures Trading Commission ("CFTC") to institute broad new position limits for futures and options traded on regulated exchanges. The Dodd-Frank Act requires the CFTC, the SEC and other regulators to promulgate rules and regulations implementing the new legislation. The Dodd-Frank Act and implementing rules and regulations also require certain swap participants to comply with, among other things, certain margin requirements and clearing and trade-execution requirements in connection with certain derivative activities. The rulemaking process is still ongoing, and the petroleum business cannot predict the ultimate outcome of the rulemakings. New regulations in this area may result in increased costs and cash collateral requirements for derivative instruments the petroleum business may use to hedge and otherwise manage its financial risks related to volatility in oil and gas commodity prices.

If the petroleum business reduces its use of derivatives as a result of the Dodd-Frank Act and any new rules and regulations, its results of operations may become more volatile and its cash flows may be less predictable, which could adversely affect its ability to satisfy its debt obligations or plan for and fund capital expenditures. Increased

volatility may make the petroleum business less attractive to certain types of investors. Finally, the Dodd-Frank Act was intended, in part, to reduce the volatility of oil and natural gas prices. If the Dodd-Frank Act and any new regulations result in lower commodity prices, the petroleum business' revenues could be adversely affected. Any of these consequences could adversely affect our Energy segment's financial condition and results of operations and therefore could have an adverse effect on its ability to satisfy its debt obligations.

Our Energy segment's petroleum business' commodity derivative activities could result in period-to-period volatility. The petroleum business does not apply hedge accounting to its commodity derivative contracts and, as a result, unrealized gains and losses are charged to its earnings based on the increase or decrease in the market value of the unsettled position. Such gains and losses are reflected in its income statement in periods that differ from when the underlying hedged items (i.e., gross margins) are reflected in its income statement. Such derivative gains or losses in earnings may produce significant period-to-period earnings volatility that is not necessarily reflective of our Energy segment's operational performance.

CVR must make substantial capital expenditures on its refineries and other facilities to maintain their reliability and efficiency. If CVR is unable to complete capital projects at their expected costs and/or in a timely manner, or if the market conditions assumed in its project economics deteriorate, our Energy segment's financial condition, results of operations or cash flows could be adversely affected.

Delays or cost increases related to the engineering, procurement and construction of new facilities, or improvements and repairs to CVR's existing facilities and equipment, could have a material adverse effect on our Energy segment's business, financial condition, results of operations or cash flows. Such delays or cost increases may arise as a result of unpredictable factors in the marketplace, many of which are beyond CVR's control, including:

- denial or delay in obtaining regulatory approvals and/or permits;
- unplanned increases in the cost of equipment, materials or labor;
- disruptions in transportation of equipment and materials;
- severe adverse weather conditions, natural disasters or other events (such as equipment malfunctions, explosions, fires or spills) affecting the petroleum business' facilities, or those of its vendors and suppliers;
- shortages of sufficiently skilled labor, or labor disagreements resulting in unplanned work stoppages;
- market-related increases in a project's debt or equity financing costs; and/or
- nonperformance or force majeure by, or disputes with, the petroleum business' vendors, suppliers, contractors or sub-contractors.

The Coffeyville and Wynnewood refineries have been in operation for many years. Equipment, even if properly maintained, may require significant capital expenditures and expenses to keep it operating at optimum efficiency. If the petroleum business was unable to make up for the delays or to recover the related costs, or if market conditions change, it could materially and adversely affect our Energy segment's financial position, results of operations or cash flows.

CVR's plans to expand its gathering and logistics assets, which assist it in reducing its costs and increasing its processing margins, may expose our Energy segment to significant additional risks, compliance costs and liabilities. CVR plans to continue to make investments to enhance the operating flexibility of its refineries and to improve its crude oil sourcing advantage through additional investments in its gathering and logistics assets. If CVR is able to successfully increase the effectiveness of its supporting gathering and logistics assets, including its crude oil gathering operations, it believes it will be able to enhance its crude oil sourcing flexibility and reduce related crude oil purchasing and delivery costs. However, the acquisition of infrastructure assets to expand CVR's crude oil gathering may expose our Energy segment to risks in the future that are different than or incremental to the risks our Energy segment faces with respect to its refineries and existing gathering and logistics assets. The storage and transportation of liquid hydrocarbons, including crude oil and refined products, are subject to stringent federal, state, and local laws and regulations governing the discharge of materials into the environment, operational safety and related matters. Compliance with these laws and regulations could adversely affect our Energy segment's operating results, financial condition and cash flows. Moreover, failure to comply with these laws and regulations may result in the assessment of administrative, civil, and criminal penalties, the imposition of investigatory and remedial liabilities, the issuance of injunctions that may restrict or prohibit CVR's operations, or claims of damages to property or persons resulting from its operations.

Any businesses or assets that CVR may acquire in connection with an expansion of its crude oil gathering could expose it to the risk of releasing hazardous materials into the environment. These releases would expose our Energy segment to potentially substantial expenses, including cleanup and remediation costs, fines and penalties, and third party claims for personal injury or property damage related to past or future releases. Accordingly, if CVR does acquire any such businesses or assets, our Energy segment could also incur additional expenses not covered by

insurance which could be material.

More stringent trucking regulations may increase CVR's costs and negatively impact our Energy segment's results of operations.

In connection with the trucking operations conducted by its crude gathering division, the petroleum business operates as a motor carrier and therefore is subject to regulation by the U.S. Department of Transportation and various state agencies. These

regulatory authorities exercise broad powers, governing activities such as the authorization to engage in motor carrier operations and regulatory safety, and hazardous materials labeling, placarding and marking. There are additional regulations specifically relating to the trucking industry, including testing and specification of equipment and product handling requirements. The trucking industry is subject to possible regulatory and legislative changes that may affect the economics of the industry by requiring changes in operating practices or by changing the demand for common or contract carrier services or the cost of providing truckload services. Some of these possible changes include increasingly stringent environmental regulations, changes in the hours of service regulations that govern the amount of time a driver may drive in any specific period, onboard black box recorder devices or limits on vehicle weight and size.

To a large degree, intrastate motor carrier operations are subject to state safety regulations that mirror federal regulations. Such matters as weight and dimension of equipment are also subject to federal and state regulations. Furthermore, from time to time, various legislative proposals are introduced, such as proposals to increase federal, state or local taxes, including taxes on motor fuels, which may increase the petroleum business' costs or adversely impact the recruitment of drivers. The petroleum business cannot predict whether, or in what form, any increase in such taxes will be enacted or the extent to which they will apply to our Energy segment's petroleum business and its operations.

Risks Relating to CVR's Nitrogen Fertilizer Business

The nitrogen fertilizer business is, and nitrogen fertilizer prices are, cyclical and highly volatile, and the nitrogen fertilizer business has experienced substantial downturns in the past. Cycles in demand and pricing could potentially expose the nitrogen fertilizer business to significant fluctuations in its operating and financial results and have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

The nitrogen fertilizer business is exposed to fluctuations in nitrogen fertilizer demand in the agricultural industry. These fluctuations historically have had and could in the future have significant effects on prices across all nitrogen fertilizer products and, in turn, our Energy segment's results of operations, financial condition and cash flows. Nitrogen fertilizer products are commodities, the price of which can be highly volatile. The prices of nitrogen fertilizer products depend on a number of factors, including general economic conditions, cyclical trends in end-user markets, supply and demand imbalances, governmental policies and weather conditions, which have a greater relevance because of the seasonal nature of fertilizer application. If seasonal demand exceeds the projections on which the nitrogen fertilizer business bases production, customers may acquire nitrogen fertilizer products from competitors, and the profitability of the nitrogen fertilizer business will be negatively impacted. If seasonal demand is less than expected, the nitrogen fertilizer business will be left with excess inventory that will have to be stored or liquidated. Demand for nitrogen fertilizer products is dependent on demand for crop nutrients by the global agricultural industry. The international market for nitrogen fertilizers is influenced by such factors as the relative value of the U.S. dollar and its impact upon the cost of importing nitrogen fertilizers, foreign agricultural policies, the existence of, or changes in, import or foreign currency exchange barriers in certain foreign markets, changes in the hard currency demands of certain countries and other regulatory policies of foreign governments, as well as the laws and policies of the United States affecting foreign trade and investment. Nitrogen-based fertilizers remain solidly in high demand, driven by a growing world population, changes in dietary habits and an expanded use of corn for the production of ethanol. Supply is affected by available capacity and operating rates, raw material costs, government policies and global trade. A decrease in nitrogen fertilizer prices would have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

The costs associated with operating the nitrogen fertilizer plant are largely fixed. If nitrogen fertilizer prices fall below a certain level, the nitrogen fertilizer business may not generate sufficient revenue to operate profitably or cover its costs.

Unlike CVR's competitors, whose primary costs are related to the purchase of natural gas and whose costs are therefore largely variable, the nitrogen fertilizer business has largely fixed costs. As a result of the fixed cost nature of our Energy segment's operations, downtime, interruptions or low productivity due to reduced demand, adverse weather conditions, equipment failure, a decrease in nitrogen fertilizer prices or other causes can result in significant

operating losses which could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

Continued low natural gas prices could impact the nitrogen fertilizer business' relative competitive position when compared to other nitrogen fertilizer producers.

Most nitrogen fertilizer manufacturers rely on natural gas as their primary feedstock, and the cost of natural gas is a large component of the total production cost for natural gas-based nitrogen fertilizer manufacturers. Low natural gas prices benefit the nitrogen fertilizer business' competitors and disproportionately impact our operations by making the nitrogen fertilizer business less competitive with natural gas-based nitrogen fertilizer manufacturers. Continued low natural gas prices could impair the nitrogen fertilizer business' ability to compete with other nitrogen fertilizer producers who utilize natural gas as their

primary feedstock if nitrogen fertilizer pricing drops as a result of low natural gas prices, and therefore have a material adverse impact on the cash flows of the nitrogen fertilizer business.

Any decline in U.S. agricultural production or limitations on the use of nitrogen fertilizer for agricultural purposes could have a material adverse effect on the sales of nitrogen fertilizer, and on our Energy segment's results of operations, financial condition and cash flows.

Conditions in the U.S. agricultural industry significantly impact the operating results of the nitrogen fertilizer business. The U.S. agricultural industry can be affected by a number of factors, including weather patterns and field conditions, current and projected grain inventories and prices, domestic and international population changes, demand for U.S. agricultural products and U.S. and foreign policies regarding trade in agricultural products.

The Agricultural Act of 2014 (the "2014 Farm Bill") ends direct subsidies to agricultural producers for owning farmland, and funds a new crop insurance program in its place. As part of the conservation title of the 2014 Farm Bill, agricultural producers must meet a minimum standard of environmental protection in order to receive federal crop insurance on sensitive lands. The 2014 Farm Bill also discourages producers from converting native grasslands to farmland by limiting crop insurance subsidies for the first few years for newly converted lands. These changes may have a negative impact on fertilizer sales and on our Energy segment's results of operations, financial condition and cash flows.

State and federal governmental policies, including farm and biofuel subsidies and commodity support programs, as well as the prices of fertilizer products, may also directly or indirectly influence the number of acres planted, the mix of crops planted and the use of fertilizers for particular agricultural applications. Developments in crop technology, such as nitrogen fixation (the conversion of atmospheric nitrogen into compounds that plants can assimilate), could also reduce the use of chemical fertilizers and adversely affect the demand for nitrogen fertilizer. In addition, from time to time various state legislatures have considered limitations on the use and application of chemical fertilizers due to concerns about the impact of these products on the environment. Unfavorable state and federal governmental policies could negatively affect nitrogen fertilizer prices and therefore have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

A major factor underlying the current high level of demand for nitrogen-based fertilizer products is the production of ethanol. A decrease in ethanol production, an increase in ethanol imports or a shift away from corn as a principal raw material used to produce ethanol could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

A major factor underlying the solid level of demand for nitrogen-based fertilizer products produced by the nitrogen fertilizer business is the production of ethanol in the United States and the use of corn in ethanol production. Ethanol production in the United States is highly dependent upon a myriad of federal statutes and regulations, and is made significantly more competitive by various federal and state incentives and mandated usage of renewable fuels pursuant to the RFS. To date, the RFS has been satisfied primarily with fuel ethanol blended into gasoline. However, a number of factors, including the continuing "food versus fuel" debate and studies showing that expanded ethanol usage may increase the level of greenhouse gases in the environment as well as be unsuitable for small engine use, have resulted in calls to reduce subsidies for ethanol, allow increased ethanol imports and to repeal or waive (in whole or in part) the current RFS, any of which could have an adverse effect on corn-based ethanol production, planted corn acreage and fertilizer demand. Therefore, ethanol incentive programs may not be renewed, or if renewed, they may be renewed on terms significantly less favorable to ethanol producers than current incentive programs.

Recently, the volume of ethanol required by the RFS standards to be blended into transportation fuel has approached the "blend wall." The blend wall is the maximum amount of ethanol that can be blended into the transportation fuel supply because of limitations like the ability of cars to use higher ethanol blended fuels and limitations on the blending and distribution infrastructure. The blend wall is generally considered to be reached when more than 10% ethanol by volume ("E10 gasoline") is blended into transportation fuel. On December 14, 2015, the EPA published in the Federal Register a final rule establishing the renewable fuel volume mandates for 2014, 2015 and 2016, and the biomass-based diesel mandate for 2017. The volumes included in EPA's final rule increase each year, but are lower, with the exception of the volumes for biomass-based diesel, than the volumes required by the Clean Air Act. The EPA used its waiver authority to lower the volumes, but its decision to do so has been challenged in the U.S. Court of Appeals for the District of Columbia Circuit by corn growers and renewable fuels producers. The renewable fuel

volume mandate for 2016 is expected to breach the blend wall, forcing higher ethanol fuel blends, including fuels with 15% or 85% ethanol, or non-ethanol renewable fuel that is not constrained by the blend wall. In addition, in the final rule establishing the renewable volume obligations for 2014-2016 and bio-mass based diesel for 2017, the EPA articulated a policy to incentivize additional investments in renewable fuel blending and distribution infrastructure by increasing the price of RINs. Any substantial decrease in future volume obligations under RFS could have a material adverse effect on ethanol production in the United States, which could have a material adverse effect on the nitrogen fertilizer business' results of operations, financial condition and ability to make cash distributions.

Further, while most ethanol is currently produced from corn and other raw grains, such as milo or sorghum, the current RFS mandate requires a portion of the overall RFS mandate to come from advanced biofuels, including cellulose-based biomass, such as agricultural waste, forest residue, municipal solid waste and energy crops (plants grown for use to make biofuels or directly exploited for their energy content) and biomass-based diesel. In addition, there is a continuing trend to encourage the use of products other than corn and raw grains for ethanol production. If this trend is successful, the demand for corn may decrease significantly, which could reduce demand for nitrogen fertilizer products and have an adverse effect on the nitrogen fertilizer business' results of operations, financial condition and cash flows. This potential impact on the demand for nitrogen fertilizer products, however, could be slightly offset by the potential market for nitrogen fertilizer product usage in connection with the production of cellulosic biofuels.

Nitrogen fertilizer products are global commodities, and the nitrogen fertilizer business faces intense competition from other nitrogen fertilizer producers.

The nitrogen fertilizer business is subject to intense price competition from both U.S. and foreign sources, including competitors operating in the Middle East, the Asia-Pacific region, the Caribbean, Russia and the Ukraine. Fertilizers are global commodities, with little or no product differentiation, and customers make their purchasing decisions principally on the basis of delivered price and availability of the product. Increased global supply may put downward pressure on fertilizer prices. Furthermore, in recent years the price of nitrogen fertilizer in the United States has been substantially driven by pricing in the global fertilizer market. The nitrogen fertilizer business competes with a number of U.S. producers and producers in other countries, including state-owned and government-subsidized entities. Some competitors have greater total resources and are less dependent on earnings from fertilizer sales, which makes them less vulnerable to industry downturns and better positioned to pursue new expansion and development opportunities. Increased domestic supply may put downward pressure on fertilizer prices. Additionally, the nitrogen fertilizer business' competitors utilizing different corporate structures may be better able to withstand lower cash flows than the nitrogen fertilizer business can as a limited partnership. The nitrogen fertilizer business' competitive position could suffer to the extent it is not able to expand its resources either through investments in new or existing operations or through acquisitions, joint ventures or partnerships. An inability to compete successfully could result in a loss of customers, which could adversely affect the sales, profitability and the cash flows of the nitrogen fertilizer business and therefore have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

The nitrogen fertilizer business is seasonal, which may result in it carrying significant amounts of inventory and seasonal variations in working capital. CVR's inability to predict future seasonal nitrogen fertilizer demand accurately may result in excess inventory or product shortages.

The nitrogen fertilizer business is seasonal. Farmers tend to apply nitrogen fertilizer during two short application periods, one in the spring and the other in the fall. The strongest demand for nitrogen fertilizer products typically occurs during the spring planting season. In contrast, the nitrogen fertilizer business and other nitrogen fertilizer producers generally produce products throughout the year. As a result, the nitrogen fertilizer business and its customers generally build inventories during the low demand periods of the year in order to ensure timely product availability during the peak sales seasons. The seasonality of nitrogen fertilizer demand results in sales volumes and net sales being highest during the North American spring season and working capital requirements typically being highest just prior to the start of the spring season.

If seasonal demand exceeds projections, the nitrogen fertilizer business will not have enough product and its customers may acquire products from its competitors, which would negatively impact profitability. If seasonal demand is less than expected, the nitrogen fertilizer business will be left with excess inventory and higher working capital and liquidity requirements.

The degree of seasonality of the nitrogen fertilizer business can change significantly from year to year due to conditions in the agricultural industry and other factors. As a consequence of such seasonality, it is expected that the distributions CVR receives from the nitrogen fertilizer business will be volatile and will vary quarterly and annually. Adverse weather conditions during peak fertilizer application periods may have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows, because the agricultural customers of the nitrogen fertilizer business are geographically concentrated.

The nitrogen fertilizer business' sales to agricultural customers are concentrated in the Great Plains and Midwest states and are seasonal in nature. The nitrogen fertilizer business' quarterly results may vary significantly from one year to the next due largely to weather-related shifts in planting schedules and purchase patterns. For example, the nitrogen fertilizer business generates greater net sales and operating income in the first half of the year, which is referred to herein as the planting season, compared to the second half of the year. Accordingly, an adverse weather pattern affecting agriculture in these regions or during the planting season could have a negative effect on fertilizer demand, which could, in turn, result in a material decline in the nitrogen fertilizer business' net sales and margins and otherwise have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. The nitrogen fertilizer business' quarterly results may vary significantly from one year to the next due largely to weather-related shifts in planting schedules and purchase patterns. As a

result, it is expected that the nitrogen fertilizer business' distributions to holders of its common units (including CVR) will be volatile and will vary quarterly and annually.

The nitrogen fertilizer business' operations are dependent on third party suppliers, including Linde, which owns an air separation plant that provides oxygen, nitrogen and compressed dry air to its facility, and the City of Coffeyville, which supplies the nitrogen fertilizer business with electricity. A deterioration in the financial condition of a third party supplier, a mechanical problem with the air separation plant, or the inability of a third-party supplier to perform in accordance with its contractual obligations could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

The operations of the nitrogen fertilizer business depend in large part on the performance of third party suppliers, including Linde for the supply of oxygen, nitrogen and compressed dry air, and the City of Coffeyville for the supply of electricity. With respect to Linde, operations could be adversely affected if there were a deterioration in Linde's financial condition such that the operation of the air separation plant located adjacent to the nitrogen fertilizer plant was disrupted. Additionally, this air separation plant in the past has experienced numerous short-term interruptions, causing interruptions in gasifier operations. With respect to electricity, in 2010, the nitrogen fertilizer business entered into an amended and restated electric services agreement with the City of Coffeyville, Kansas which gives the nitrogen fertilizer business an option to extend the term of such agreement through June 30, 2024. Should Linde, the City of Coffeyville or any of its other third party suppliers fail to perform in accordance with existing contractual arrangements, operations could be forced to halt. Alternative sources of supply could be difficult to obtain. Any shutdown of operations at the nitrogen fertilizer plant, even for a limited period, could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

Our Energy segment's nitrogen fertilizer business' results of operations, financial condition and cash flows may be adversely affected by the supply and price levels of pet coke.

The profitability of the nitrogen fertilizer business is directly affected by the price and availability of pet coke obtained from the Coffeyville refinery pursuant to a long-term agreement and pet coke purchased from third parties, both of which vary based on market prices. Pet coke is a key raw material used by the nitrogen fertilizer business in the manufacture of nitrogen fertilizer products. If pet coke costs increase, the nitrogen fertilizer business may not be able to increase its prices to recover these increased costs, because market prices for nitrogen fertilizer products are not correlated with pet coke prices.

The nitrogen fertilizer business may not be able to maintain an adequate supply of pet coke. In addition, it could experience production delays or cost increases if alternative sources of supply prove to be more expensive or difficult to obtain. The nitrogen fertilizer business currently purchases 100% of the pet coke the Coffeyville refinery produces. Accordingly, if the nitrogen fertilizer business increases production, it will be more dependent on pet coke purchases from third-party suppliers at open market prices. The nitrogen fertilizer business is party to a pet coke supply agreement with HollyFrontier Corporation. The term of this agreement ends in December 2016. There is no assurance that the nitrogen fertilizer business would be able to purchase pet coke on comparable terms from third parties or at all.

The nitrogen fertilizer business relies on third-party providers of transportation services and equipment, which subjects it to risks and uncertainties beyond its control that may have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

The nitrogen fertilizer business relies on railroad and trucking companies to ship finished products to its customers. The nitrogen fertilizer business also leases railcars from railcar owners in order to ship its finished products. These transportation operations, equipment and services are subject to various hazards, including extreme weather conditions, work stoppages, delays, spills, derailments and other accidents and other operating hazards.

These transportation operations, equipment and services are also subject to environmental, safety and other regulatory oversight. Due to concerns related to terrorism or accidents, local, state and federal governments could implement new regulations affecting the transportation of the nitrogen fertilizer business' finished products. In addition, new regulations could be implemented affecting the equipment used to ship its finished products.

Any delay in the nitrogen fertilizer business' ability to ship its finished products as a result of these transportation companies' failure to operate properly, the implementation of new and more stringent regulatory requirements affecting transportation operations or equipment, or significant increases in the cost of these services or equipment

could have a material adverse effect on our Energy segment's fertilizer business' results of operations, financial condition and cash flows.

Ammonia can be very volatile and extremely hazardous. Any liability for accidents involving ammonia or other products CVR produces or transports that cause severe damage to property or injury to the environment and human health could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. In addition, the costs of transporting ammonia could increase significantly in the future.

The nitrogen fertilizer business manufactures, processes, stores, handles, distributes and transports ammonia, which can be very volatile and extremely hazardous. Major accidents or releases involving ammonia could cause severe damage or injury to property, the environment and human health, as well as a possible disruption of supplies and markets. Such an event could result in civil lawsuits, fines, penalties and regulatory enforcement proceedings, all of which could lead to significant liabilities. Any damage to persons, equipment or property or other disruption of the ability of the nitrogen fertilizer business to produce or distribute its products could result in a significant decrease in operating revenues and significant additional cost to replace or repair and insure its assets, which could have a material adverse effect on the nitrogen fertilizer business' results of operations, financial condition and cash flows.

The nitrogen fertilizer facility periodically experiences minor releases of ammonia related to leaks from its equipment. Similar events may occur in the future and could have a material adverse effect on the nitrogen fertilizer business' results of operations, financial condition and cash flows.

In addition, the nitrogen fertilizer business may incur significant losses or costs relating to the operation of railcars used for the purpose of carrying various products, including ammonia. Due to the dangerous and potentially toxic nature of the cargo, in particular ammonia, on board railcars, a railcar accident may result in fires, explosions and pollution. These circumstances may result in sudden, severe damage or injury to property, the environment and human health. In the event of pollution, the nitrogen fertilizer business may be held responsible even if it is not at fault and it complied with the laws and regulations in effect at the time of the accident. Litigation arising from accidents involving ammonia and other products the nitrogen fertilizer business produces or transports may result in the nitrogen fertilizer business or us being named as a defendant in lawsuits asserting claims for large amounts of damages, which could have a material adverse effect on the nitrogen fertilizer business' results of operations, financial condition and cash flows.

Given the risks inherent in transporting ammonia, the costs of transporting ammonia could increase significantly in the future. Ammonia is most typically transported by pipeline and railcar. A number of initiatives are underway in the railroad and chemical industries that may result in changes to railcar design in order to minimize railway accidents involving hazardous materials. In addition, in the future, laws may more severely restrict or eliminate the ability of the nitrogen fertilizer business to transport ammonia via railcar. If any railcar design changes are implemented, or if accidents involving hazardous freight increase the insurance and other costs of railcars, freight costs of the nitrogen fertilizer business could significantly increase.

Environmental laws and regulations on fertilizer end-use and application and numeric nutrient water quality criteria could have a material adverse impact on fertilizer demand in the future.

Future environmental laws and regulations on the end-use and application of fertilizers could cause changes in demand for the nitrogen fertilizer business' products. In addition, future environmental laws and regulations, or new interpretations of existing laws or regulations, could limit the ability of the nitrogen fertilizer business to market and sell its products to end users. From time to time, various state legislatures have proposed bans or other limitations on fertilizer products. The EPA is encouraging states to adopt state-wide numeric water quality criteria for total nitrogen and total phosphorus, which are present in the nitrogen fertilizer business' fertilizer products. A number of states have adopted or proposed numeric nutrient water quality criteria for nitrogen and phosphorus. The adoption of stringent state criteria for nitrogen and phosphorus could reduce the demand for nitrogen fertilizer products in those states. If such laws, rules, regulations or interpretations to significantly curb the end-use or application of fertilizers were promulgated in the nitrogen fertilizer business' marketing areas, it could result in decreased demand for its products and have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. If licensed technology were no longer available, the nitrogen fertilizer business may be adversely affected.

The nitrogen fertilizer business has licensed, and may in the future license, a combination of patent, trade secret and other intellectual property rights of third parties for use in its business. In particular, the gasification process it uses to convert pet coke to high purity hydrogen for subsequent conversion to ammonia is licensed from General Electric. The license, which is fully paid, grants the nitrogen fertilizer business perpetual rights to use the pet coke gasification

process on specified terms and conditions and is integral to the operations of the nitrogen fertilizer facility. If this license or any other license agreements on which the nitrogen fertilizer business' operations rely, were to be terminated, licenses to alternative technology may not be available, or may only be available on terms that are not commercially reasonable or acceptable. In addition, any substitution of new technology for currently-licensed technology may require substantial changes to manufacturing processes or equipment and may have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

The nitrogen fertilizer business may face third party claims of intellectual property infringement, which if successful could result in significant costs.

Although there are currently no pending claims relating to the infringement of any third party intellectual property rights, in the future the nitrogen fertilizer business may face claims of infringement that could interfere with its ability to use technology that is material to its business operations. Any litigation of this type, whether successful or unsuccessful, could result in substantial costs and diversions of resources, which could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows. In the event a claim of infringement against the nitrogen fertilizer business is successful, it may be required to pay royalties or license fees for past or continued use of the infringing technology, or it may be prohibited from using the infringing technology altogether. If it is prohibited from using any technology as a result of such a claim, it may not be able to obtain licenses to alternative technology adequate to substitute for the technology it can no longer use, or licenses for such alternative technology may only be available on terms that are not commercially reasonable or acceptable. In addition, any substitution of new technology for currently licensed technology may require the nitrogen fertilizer business to make substantial changes to its manufacturing processes or equipment or to its products, and could have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

There can be no assurance that the transportation costs of the nitrogen fertilizer business' competitors will not decline. The nitrogen fertilizer plant is located within the U.S. farm belt, where the majority of the end users of its nitrogen fertilizer products grow their crops. Many of its competitors produce fertilizer outside of this region and incur greater costs in transporting their products over longer distances via rail, ships and pipelines. There can be no assurance that competitors' transportation costs will not decline or that additional pipelines will not be built, lowering the price at which competitors can sell their products, which would have a material adverse effect on our Energy segment's results of operations, financial condition and cash flows.

Metals

The principal markets served by our Metals segment's business are highly competitive. Our Metals segment may have difficulty competing with companies that have a lower cost structure than it has.

Our Metals segment's business operates in a highly competitive environment. Our Metals segment primarily provides products and services to industrial companies. Many other companies offer the same or similar products and services and compete with our metals business on a number of bases including, but not limited to: (i) price; (ii) quality of service; (iii) proximity to the consumer; (iv) proximity to sources of supply; (v) local or regional presence; (vi) technology; (vii) safety performance; and (viii) financial strength. Some of these competitors have greater financial resources or are larger and have more diverse businesses. In addition, our Metals segment also face increased competition from steel mills that are vertically integrated into the scrap metal business. Some of our Metals segment's foreign competitors may be able to pursue business opportunities without regard for the laws and regulations with which we must comply, such as environmental regulations. These companies may have a lower cost structure and more operating flexibility and consequently they may be able to offer better prices and more services than we can. There can be no assurance that our Metals segment will be able to compete successfully with these companies. In addition to larger companies, we compete with many smaller competitors operating locally in this highly fragmented market. Some of these smaller companies may have lower operating costs and may be able to compete more effectively on price.

Prices of commodities are volatile and markets are competitive.

Our Metals segment is exposed to commodity price risk during the period that it has title to products that are held in inventory for processing and/or resale. Prices of commodities, including scrap metals, can be volatile due to numerous factors beyond PSC Metals' control, including:

- general economic conditions;
- labor costs;
- domestic and import competition;
- financial condition of its major customers;
- access and costs associated with transportation systems;

the availability and relative pricing of scrap metal substitutes; and
import duties, ocean freight costs, tariffs and currency exchange rates.

In an increasing purchase price environment for raw materials, competitive conditions may limit PSC Metals' ability to pass on price increases to its consumers. In a decreasing sales price environment for processed scrap, PSC Metals may not have

the ability to fully recoup the cost of raw scrap metal it processes and sells to its customers. New entrants into its markets could result in higher purchase prices for raw materials and lower margins from our scrap metals. Prices in the scrap metal industry are established and adjusted monthly by the major steel producers. The price of ferrous scrap is a significant factor influencing the profitability of the scrap metals industry.

Our Metals segment operates in industries that are cyclical and demand can be volatile. Adverse conditions in the steel industry could negatively affect demand for its materials.

The operating results of the scrap metals recycling industry in general, and PSC Metals' operations specifically, are highly cyclical and dependent on general domestic and international economic conditions. Historically, in periods of national recession or slowing economic growth, the operating results of scrap metals recycling companies have been materially and adversely affected. Ferrous and non-ferrous scrap has been historically vulnerable to significant declines in consumption and product pricing during prolonged periods of economic downturn. As a result of the recent global economic crisis and uneven recoveries in the steel, automotive, industrial equipment, construction and other industries, PSC Metals has experienced significant fluctuations in supply, demand and pricing for its products, which could continue to adversely affect our Metals operations.

Increases in steel imports and decreases in scrap exports could adversely affect the demand for scrap metals domestically.

Our scrap metals business may be adversely affected by increases in steel imports into the United States, which will have an adverse impact on domestic steel production and a corresponding adverse impact on the demand for scrap metals domestically. Our scrap metals business may be adversely affected by decreases of scrap exports out of the United States to export markets such as Turkey, China, South Korea, India and Vietnam which could negatively impact demand prices for scrap metals globally. Additionally, our scrap metals business could be negatively affected by strengthening in the U.S. dollar or increased freight costs which could negatively impact export sales and a stronger U.S. dollar could also attract imports of scrap or scrap substitutes, reducing demand for our scrap metals. A significant increase in the use of scrap metals alternatives by consumers of processed scrap metals could reduce demand for PSC Metals' products.

During periods of high demand for scrap metals, the demand for ferrous scrap metal could outstrip its supply. The relative scarcity of ferrous scrap, particularly prime or industrial grades, and its high price during such periods have created opportunities for producers of alternatives to scrap metals, such as pig iron and direct reduced iron pellets and others. We cannot assure you that the use of alternatives to scrap metals may not proliferate in the future if the prices for scrap metals rise, if the supplies of available unprepared ferrous scrap tighten or if costs to import scrap decline precipitously.

Unanticipated disruptions in our operations or slowdowns by our shipping companies could adversely affect our ability to deliver our products, which could materially and adversely affect PSC Metals' revenues and its relationship with its consumers.

PSC Metals' ability to process and fulfill orders and manage inventory depends on the efficient and uninterrupted operation of its facilities. Labor and other disruptions at PSC Metals' facilities could adversely affect its ability to process and ship material. In addition, many of its products are transported to customers by third-party truck, rail carriers and barge services. As a result, PSC Metals relies on the timely and uninterrupted performance of third-party shipping companies. Any interruption in its operations or interruption or delay in transportation services could cause orders to be canceled, delivered late, or receipt of goods to be refused or result in higher transportation costs. As a result, PSC Metals' relationships with its customers and its revenues and results of operations and financial condition could be materially and adversely affected.

The profitability of PSC Metals' scrap recycling operations depends, in part, on the availability of an adequate source of supply of scrap metals.

PSC Metals procures scrap inventory from numerous sources. These suppliers generally are not bound by long-term contracts and have no obligation to sell scrap metals to PSC Metals. In periods of low industry prices, suppliers may elect to hold scrap to wait for higher prices or intentionally slow their scrap sales activities. If a substantial number of scrap suppliers cease selling scrap metals to PSC Metals, its scrap metals business could be materially and adversely affected. In addition, the slowdown of industrial production and U.S. consumer consumption during the recent economic crisis has reduced industrial grades of scrap metal available to PSC Metals. If the supply of scrap metal is

limited, PSC Metals would be unable to recycle scrap metals at necessary volumes which could adversely affect our Metals operations.

PSC Metals' business presents significant risk of injury or death.

Because of the heavy industrial activities conducted at PSC Metals' facilities, there exists a risk of serious injury or death to our employees or other visitors notwithstanding the safety precautions PSC Metals takes. PSC Metals' scrap metals business is subject to regulation by federal, state and local agencies responsible for employee health and safety, including the

Occupational Safety and Health Administration. While PSC Metals has in place policies to minimize such risks, it may nevertheless be unable to avoid material liabilities for any death or injury that may occur in the future and these types of incidents may have a material adverse effect on our Metals operations.

PSC Metals' business is subject to stringent regulations, particularly under applicable environmental laws.

PSC Metals is subject to comprehensive local, state and federal statutory and regulatory environmental requirements relating to, among others:

• the acceptance, storage, handling and disposal of solid, hazardous and Toxic Substances Control Act waste;

• the discharge of materials into the air;

• the management and treatment of wastewater and storm water;

• the remediation of soil and groundwater contamination;

• the restoration of natural resource damages; and

• the protection of its employees' health and safety.

PSC Metals believes that it is currently in material compliance with applicable statutes and regulations governing the protection of human health and the environment, including employee health and safety. We can give no assurance, however, that PSC Metals will continue to be in material compliance or avoid material fines, penalties and expenses associated with compliance issues in the future.

Such laws and regulations also require manifests to be completed and delivered in connection with any shipment of prescribed materials so that the movement and disposal of such materials can be traced and the persons responsible for any mishandling of such materials identified. Regulatory requirements may be imposed as conditions of operating permits or licenses. As part of its scrap metals business, PSC Metals must properly remove, handle, recycle or dispose of waste materials or be subject to penalties. Transportation, transfer, storage and disposal of waste are difficult and accidents may occur. These laws and regulations are stringent and are likely to become more stringent in the future.

Existing and new laws and regulations may require our scrap metals business to modify, supplement, replace or curtail its operating methods or to modify or replace facilities or equipment at costs that may be substantial without any corresponding increase in revenues.

Hazardous substances are present in some of the processing, transfer and storage facilities owned or leased by our scrap metal business and landfill facilities used by our scrap metals business. Remediation may be required at these sites at substantial cost. We cannot assure you that the ultimate cost and expense of corrective action will not substantially exceed any reserves and have a material adverse impact on our Metals segment's operations. In addition, governments have from time to time required companies to remediate sites where materials were properly disposed because those governments have instituted higher standards.

PSC Metals is required to obtain, and must comply with, various permits and licenses to conduct our scrap metals business. Failure to obtain or violations of any permit or license, if not remedied, could result in PSC Metals' incurring substantial fines, suspending our scrap metals business or closing facilities. Further, our scrap metals business is conducted primarily outdoors and as such, depending on the nature of the ground cover, involves the risk of releases of wastes and other regulated materials to the soil and, possibly, to groundwater. From time to time, as part of its continuous improvement programs, PSC Metals incurs costs to improve environmental control systems.

PSC Metals' business may be subject to public opposition and adverse publicity that could delay or limit its development and expansion.

A high level of public concern exists over industrial by-products recovery operations, including the location and operation of transfer, processing, storage and disposal facilities and the collection, processing or handling of industrial by-products and waste materials, particularly hazardous materials. Zoning, permit and licensing applications and proceedings and regulatory enforcement proceedings are all matters open to public scrutiny and comment. As a result, from time to time, our scrap metals business may be subject to citizen opposition and adverse publicity that may have a negative effect on operations and delay or limit the expansion and developing of operating properties, and could have a material adverse effect on our Metals operation.

PSC Metals may be unable to obtain adequate environmental insurance.

PSC Metals is subject to potential liability for personal injuries and property damage caused by releases of hazardous substances and for remediation of risks posed by hazardous substances. Consistent with industry trends, PSC Metals may be unable to obtain an adequate amount of environmental impairment insurance for its scrap metals business at a

reasonable premium to cover liability to third persons for environmental damage. Accordingly, if our scrap metals business were to incur

liability for environmental damage either not provided for under such coverage or in excess of such coverage, our Metals operations could be materially or adversely affected.

Increasing energy and freight costs could increase PSC Metal's operating costs.

The availability and cost of freight and energy, such as electricity, natural gas and diesel fuel, is important in the manufacture and transport of PSC Metals' products. PSC Metals' operations consume substantial amounts of energy, and its operating costs generally increase when energy costs rise. Factors that may affect PSC Metals' energy costs include significant increases in fuel, oil or natural gas prices, unavailability of electrical power or other energy sources due to droughts, hurricanes or other natural causes or due to shortages resulting from insufficient supplies to serve customers, or interruptions in energy supplies due to equipment failure or other causes. During periods of increasing energy and freight costs, PSC Metals may be unable to fully recover its operating cost increases through price increases without reducing demand for its products. PSC Metals' financial results could be adversely affected if it is unable to pass these increases on to its customers or if it is unable to obtain the necessary freight and energy.

PSC Metals' operations are outside and affected by severe changes in the weather. Severe weather or equipment failures may lead to production curtailments or shutdowns.

All of PSC Metals' scrap yards can be affected by severe weather and yards that are located adjacent to rivers are subject to potential flooding, all of which can result in production curtailments or shutdowns, which could adversely impact our Metals operations. Our scrap metals business' recycling and manufacturing processes depend, in part, upon shredders, which could be out of service temporarily as a result of unanticipated failures. As a result, PSC Metals may experience interruptions in its scrap metals business' processing and production capabilities, which could have a material adverse effect on our Metals operations.

Railcar

The highly cyclical nature of the railcar industry may result in lower revenues during economic downturns or due to other factors.

The North American railcar market has been, and our Railcar segment expects it to continue to be, highly cyclical resulting in volatility in demand for our products and services. Sales of our railcars and other products slowed in 2010 resulting in decreased production rates. New orders and shipments of railcars steadily increased beginning in 2011 and continuing through 2014 driven by increased demand for shipment of certain commodities, replacement of older railcars and federal tax benefits from the delivery of railcars in 2011 through 2014. The railcar industry reached a record backlog level at December, 31, 2014, and orders have since slowed in 2015. The cyclical nature of the railcar industry may result in lower revenues during economic or industry downturns due to decreased demand for both new and replacement railcars and railcar products and lower demand for railcars on lease. Decreased demand could result in lower lease volumes, increased downtime, reduced lease rates and decreased cash flow. Regulatory changes related to tank railcars in North America may impact future new railcar production rates and orders from our Railcar segment's customers, as well as retrofit and maintenance work to existing railcars. In response to these regulations, our Railcar segment continues to invest capital and evaluate opportunities to further expand its manufacturing flexibility and repair capacity to address the anticipated needs of the industry resulting from the regulations. Our Railcar segment cannot assure you that any increased manufacturing flexibility or repair capacity will be sufficient to meet the demands of the industry resulting from these regulations. Nor can our Railcar segment assure you that hopper or tank railcar demand will continue at strong levels, that demand for any railcar types or railcar services will improve, or that its railcar backlog, orders and shipments will track industry-wide trends. Similarly, our Railcar segment cannot assure you of the impact of the regulatory changes affecting the North American railcar industry or its business.

Our Railcar segment's failure to obtain new orders could materially adversely affect our business, financial condition and results of operations. Downturns in part or all of the railcar manufacturing industry may occur in the future, resulting in decreased demand for our products and services. For example, a change in environmental regulations, oil prices, competitive pricing, pipeline capacity and other factors could trigger a cyclical shift and could reduce demand for railcars in the energy transportation industry. If our Railcar segment fails to manage its overhead costs and variations in production rates, our Railcar segment's business could suffer.

Further, a change in our product mix due to cyclical shifts in demand could have an adverse effect on our profitability. Our Railcar segment manufactures, leases and repairs a variety of railcars. The demand for specific types of these

railcars varies from time to time. These shifts in demand could affect our margins and could have an adverse effect on our profitability.

Exposure to fluctuations in commodity and energy prices may impact our Railcar segment's results of operations. Fluctuations in commodity or energy prices, including crude oil and gas prices, could negatively impact the activities of our Railcar segment's customers resulting in a corresponding adverse effect on the demand for its products and services. These

shifts in demand could affect our Railcar segment's results of operations and could have an adverse effect on our Railcar segment's profitability.

Prices for oil and gas are subject to large fluctuations in response to relatively minor changes in the supply of and demand for oil and gas, market uncertainty and a variety of other economic factors that are beyond our Railcar segment's control. Worldwide economic, political and military events, including war, terrorist activity, events in the Middle East and initiatives by the Organization of the Petroleum Exporting Countries ("OPEC"), have contributed, and are likely to continue to contribute, to price and volume volatility. Most recently, the increasing global supply of oil in conjunction with weakening demand from slowing economic growth in Europe and Asia has created downward pressure on crude oil prices. Changes in environmental or governmental regulations, pipeline capacity, the price of crude oil and gas and related products and other factors have reduced, and may continue to reduce demand for railcars in the energy transportation industry, including our primary railcar products, and have a material adverse effect on our Railcar segment's financial condition and results of operations.

Our Railcar segment may be unable to re-market railcars from expiring leases on favorable terms, which could adversely affect our Railcar segment's business, financial condition and results of operations.

The failure to enter into commercially favorable railcar leases, re-lease or sell railcars upon lease expiration and successfully manage existing leases could have a material adverse effect on our Railcar segment's business, financial condition and results of operations. Our Railcar segment's ability to re-lease or sell leased railcars profitably is dependent upon several factors, including the cost of and demand for leases or ownership of newer or specific use models, the availability in the market of other used or new railcars, and changes in applicable regulations that may impact continued use of older railcars.

A downturn in the industries in which our Railcar segment's lessees operate and decreased demand for railcars could also increase its exposure to re-marketing risk because lessees may demand shorter lease terms, requiring us to re-market leased railcars more frequently. Furthermore, the resale market for previously leased railcars has a limited number of potential buyers. Our Railcar segment's inability to re-lease or sell leased railcars on favorable terms could result in lower lease rates, lower lease utilization percentages and reduced revenues.

Our Railcar segment operates in highly competitive industries and it may be unable to compete successfully, which could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Our Railcar segment faces intense competition in all geographic markets and in each area of its business. Our railcar manufacturing business has five primary competitors. Any of these competitors may, from time to time, have greater resources than our Railcar segment does. Our Railcar segment's current competitors have and may continue to increase their capacity in, or new competitors may enter into, the railcar markets in which our Railcar segment competes. Strong competition within the industry has led to pricing pressures and could limit our Railcar segment's ability to maintain or increase prices or obtain better margins on our Railcar segment's railcars for both direct sale and lease. If our Railcar segment produces any type of railcars other than what it currently produces, it will be competing with other manufacturers that may have more experience with that railcar type. Further, new competitors, or alliances among existing competitors, may emerge in the railcar or industrial components industries and rapidly gain market share. Customer selection of railcars for purchase or for lease may be driven by technological or price factors and our competitors may provide or be able to provide more technologically advanced railcars or more attractive pricing and/or lease rates than our Railcar segment can provide. Such competitive factors may adversely affect our Railcar segment's sales, utilization and/or lease rates, and consequently its revenues.

Our Railcar segment also has intense competition in its railcar leasing business from railcar manufacturers, leasing companies, banks and other financial institutions. Some of this competition includes certain of its significant customers. Some of our Railcar segment's railcar manufacturing competitors also produce railcars for use in their own railcar leasing fleets, competing directly with our Railcar segment's leasing business and with leasing companies. In connection with the re-leasing of railcars, our Railcar segment may encounter competition from, among other things, competitor railcar leasing companies.

Our Railcar segment competes with numerous companies in its railcar services business, ranging from companies with greater resources than it has to small, local companies. In addition, new competitors, or alliances among existing competitors, may emerge, thereby intensifying the existing competition for our Railcar segment's railcar services business.

Technological innovation by any of our Railcar segment's existing competitors, or new competitors entering any of the markets in which it does business, could put it at a competitive disadvantage and could cause it to lose market share. Increased competition for our Railcar segment's manufacturing, railcar leasing or railcar services businesses could result in price reductions, reduced margins and loss of market share, which could materially adversely affect our Railcar segment's prospects, business, financial condition and results of operations.

The variable needs of our Railcar segment's railcar customers and the timing of completion, customer acceptance as well as the mix of railcars for lease versus direct sale, all of which may cause our Railcar segment's revenues and income from operations to vary substantially each quarter, which could result in significant fluctuations in our Railcar segment's quarterly and annual results.

Our Railcar segment's results of operations in any particular quarterly period may be significantly affected by the number and type of railcars manufactured and shipped in that period, which is impacted by customer needs that may vary greatly quarter to quarter and year to year. In addition, because revenues and earnings related to leased railcars are recognized over the life of the lease, our Railcar segment's quarterly results may vary depending on the mix of lease versus direct sale railcars that it ships during a given period. The customer acceptance and title transfer or customer acceptance and shipment of our railcars determine when our Railcar segment records the revenues associated with our Railcar segment's railcar sales or leases. Given this, the timing of customer acceptance and title transfer or customer acceptance and shipment of our railcars could cause fluctuations in our Railcar segment's quarterly and annual results. The railroads could potentially go on strike or have other service interruptions, which could ultimately create a bottleneck and potentially cause us to slow down or halt our Railcar segment's shipment and production schedules, which could materially adversely affect our Railcar segment's business, financial condition and results of operations.

As a result of these fluctuations, our Railcar segment believes that comparisons of its sales and operating results between quarterly periods within the same year and between quarterly periods within different years may not be meaningful and, as such, these comparisons should not be relied upon as indicators of our Railcar segment's future performance.

If our Railcar segment faces labor shortages or increased labor costs, its growth and results of operations could be materially adversely affected.

Our Railcar segment depends on skilled labor in its manufacturing and other businesses. Due to the competitive nature of the labor markets in which our Railcar segment operates and the cyclical nature of the railcar industry, the resulting employment cycle increases our Railcar segment's risk of not being able to retain, recruit and train the personnel it requires, particularly when the economy expands, production rates are high or competition for such skilled labor increases. Our Railcar segment's inability to recruit, retain and train adequate numbers of qualified personnel on a timely basis could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Our Railcar segment depends upon a small number of customers that represent a large percentage of its revenues. The loss of any single significant customer, a reduction in sales to any such significant customer or any such significant customer's inability to pay our Railcar segment in a timely manner could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Railcars are typically sold pursuant to large, periodic orders, and therefore, a limited number of customers typically represent a significant percentage of our Railcar segment's revenue in any given year. The loss of any significant portion of our Railcar segment's sales to any major customer, the loss of a single major customer or a material adverse change in the financial condition of any one of its major customers could materially adversely affect our Railcar segment's business, financial condition and results of operations. If one of our Railcar segment's significant customers was unable to pay due to financial condition, it could materially adversely affect our Railcar segment's business, financial condition and results of operations.

The cost of raw materials and components that our Railcar segment uses in its manufacturing operations, particularly steel, is subject to escalation and surcharges and could increase. Any increase in these costs or delivery delays of these raw materials could materially adversely affect our Railcar segment's business, financial condition and results of operations.

The cost of raw materials, including steel, and components used in the production of our railcars, represents a significant amount of our Railcar segment's direct manufacturing costs per railcar. Our Railcar segment generally includes provisions in their railcar manufacturing contracts that allow it to adjust prices as a result of increases and decreases in the cost of certain raw materials and components. The number of customers to which our Railcar segment is not able to pass on price increases may increase in the future, which could adversely affect our Railcar segment's operating margins and cash flows. If our Railcar segment is not able to pass on price increases to its customers, our

Railcar segment may lose railcar orders or enter into contracts with less favorable contract terms, any of which could materially adversely affect our Railcar segment's business, financial condition and results of operations. Any fluctuations in the price or availability of steel, or any other material or component used in the production of our Railcar segment's railcars or railcar or industrial components, could materially adversely affect our Railcar segment's business, financial condition and results of operations. Such price increases could reduce demand for our Railcar segment's railcars or component products. Deliveries of raw materials and components may also fluctuate depending on various factors including supply and demand for the raw material or component, or governmental regulation relating to the raw material or component, including regulation relating to importation.

Fluctuations in the supply of components and raw materials our Railcar segment uses in manufacturing railcars, which are often only available from a limited number of suppliers, could cause production delays or reductions in the number of railcars our Railcar segment manufacture, which could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Our Railcar segment's railcar manufacturing business depends on the adequate supply of numerous railcar components, such as railcar wheels, axles, brakes, bearings, yokes, sideframes, bolsters and other heavy castings and raw materials, such as steel. Some of these components and raw materials are only available from a limited number of domestic suppliers. Strong demand can cause industry-wide shortages of many critical components and raw materials as reliable suppliers could reach capacity production levels. Supply constraints in our Railcar segment's industry are exacerbated because, although multiple suppliers may produce certain components, railcar manufacturing regulations and the physical capabilities of manufacturing facilities restrict the types and sizes of components and raw materials that manufacturers may use.

In addition, our Railcar segment does not carry significant inventories of certain components and procures most of its components on an as needed basis. In the event that our Railcar segment's suppliers of railcar components and raw materials were to stop or reduce the production of railcar components and raw materials that our Railcar segment uses, or refuses to do business with us for any reason, our Railcar segment's business would be disrupted. Our Railcar segment's inability to obtain components and raw materials in required quantities or of acceptable quality could result in significant delays or reductions in railcar shipments and could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Our Railcar segment relies on a small number of suppliers from whom it sources a significant amount of its manufacturing materials. If any of our Railcar segment's significant suppliers of railcar components were to shut down operations, our Railcar segment's business and financial results could be materially adversely affected as it may incur substantial delays and significant expense in finding alternative sources. The quality and reliability of alternative sources may not be the same and these alternative sources may charge significantly higher prices. See Part I, "Business - Railcar," of this Report for further discussion regarding suppliers.

Our Railcar segment's investment in its lease fleet may use significant amounts of cash, which may require it to secure additional capital and it may be unable to arrange capital on favorable terms, or at all.

Our Railcar segment uses existing cash and cash generated through lease fleet financings to manufacture railcars it leases to customers, while cash from lease revenues is received over the term of the applicable lease or leases relating to those railcars. Depending upon the number of railcars that our Railcar segment leases and the amount of cash used in other operations, its cash balances and its availability under any of its lease fleet financings could be depleted, requiring it to seek additional capital. Our Railcar segment's inability to secure additional capital, on commercially reasonable terms, or at all, may limit its ability to support operations, maintain or expand our Railcar segment's existing business, or take advantage of new business opportunities. Our Railcar segment could also experience defaults on leases that could further constrain cash.

Changes in legal and regulatory requirements applicable to the industries in which our Railcar segment operates may adversely impact its business, financial condition and results of operations.

Recent derailments in North America of trains transporting crude oil have caused various U.S and Canadian regulatory

agencies, industry organizations, as well as Class I Railroads and community governments, to focus attention on transportation

by rail of flammable materials. On May 1, 2015, TC and the Pipeline and Hazardous Materials Safety Administration ("PHMSA") of the U.S. Department of Transportation released rules related to rail transport of certain flammable liquids that,

among other things, imposes a new tank car design standard, a phase out by as early as January 2018 for older DOT-111 cars

that are not retrofitted, and a classification and testing program for unrefined petroleum based products, including crude oil. In

addition, railroads and other organizations may impose requirements for railcars that are more stringent than, or in addition to,

any governmental regulations that may be adopted. For example, additional laws and regulations have been proposed or adopted that may have a significant impact on railroad operations, including the implementation of “positive train control” (PTC) requirements. PTC is a collision avoidance technology intended to override engineer controlled locomotives and stop certain types of train accidents.

Our Railcar segment is unable to predict what impact these or other regulatory changes may have, if any, on its business or the industry as a whole. These rules and the industry’s responsiveness in complying with these rules may materially impact the rail industry as a whole; railroad operations; older and newer railcars that meet or exceed currently mandated standards; future railcar specifications; and the capability of the North American railcar manufacturing, repair and maintenance infrastructure to implement mandated retrofit configurations or new construction. As a result of such regulations, certain of our Railcar segment's railcars could be deemed unfit for further commercial use (which would diminish or eliminate future revenue generated from leased railcars) and/or require retrofits or modifications. The costs associated with any required retrofits or modifications could be substantial. While certain regulatory changes could result in increased demand for refurbishment and/or new railcar manufacturing activity, our Railcar segment's business, financial condition and results of operations could be

materially adversely affected if it is unable to adapt its business to changing regulations or railroad standards, source critical components and raw materials such as steel in a timely manner and at reasonable cost, or at all, and/or take advantage of any increase in demand for our products and services. Our Railcar segment cannot assure that costs incurred to comply with any new standards and regulations, including those released by PHMSA and TC, will not be material to its business, financial condition or results of operations.

The May 2015 rules also include new operational requirements such as speed restrictions. The speed restrictions may have an adverse impact on demand for tank railcars or other types of freight railcars. While rail velocity is affected by many factors including general economic conditions, and has increased since the adoption of the regulations, in some circumstances the specific velocity restrictions imposed by the regulations may significantly reduce overall velocity on congested rail

networks. This in turn could lead to an increase in the cost of rail freight transportation and impact availability, making rail less

competitive compared to alternative modes of freight transportation. It could also lead to reduced demand for our products as

railroads limit additional equipment on their lines.

Train derailments or other accidents involving our Railcar segment's products could subject it to legal claims that may adversely impact our Railcar segment's business, financial condition and results of operations.

Our Railcar segment manufactures railcars for our customers to transport a variety of commodities, including railcars that transport hazardous materials such as crude oil and other petroleum products. Our Railcar segment also manufactures railcar components as well as industrial components for use in several markets, including the trucking, construction, mining and oil and gas exploration markets. Our Railcar segment could be subject to various legal claims, including claims for negligence, personal injury, physical damage and product liability, as well as potential penalties and liability under environmental laws and regulations, in the event of a train derailment or other accident involving our products or services. If our Railcar segment becomes subject to any such claims and are unable successfully to resolve them, our Railcar segment's business, financial condition and results of operations could be materially adversely affected.

Litigation claims could increase our costs and weaken our Railcar segment's financial condition.

Our Railcar segment is currently, and may from time to time be, involved in various claims or legal proceedings arising out of its operations. In particular, railcars it manufactures and leases will be used in a variety of manners, which may include carrying hazardous, flammable, and/or corrosive materials. Such railcars, as well as our Railcar segment's railcar and industrial components, will, therefore, be subject to risks of breakdowns, malfunctions, casualty and other negative events and it is possible that claims for personal injury, loss of life, property damage, business losses and other liability arising out of these or other types of incidents will be made against our Railcar segment.

Additionally, in the normal course of business from time to time our Railcar segment enters into contracts with third parties that may lead to contractual disputes. Adverse outcomes in some or all of these matters could result in judgments against our Railcar segment for significant monetary damages that could increase our costs and weaken its financial condition. Our Railcar segment seeks contractual recourse and indemnification in the ordinary course of business, maintains reserves for reasonably estimable liabilities, and purchases liability insurance at coverage levels based upon commercial norms in our Railcar segment's industries in an effort to mitigate our liability exposures.

Nevertheless, our Railcar segment's reserves may be inadequate to cover the uninsured portion of claims or judgments. Any such claims or judgments could materially adversely affect our Railcar segment's business, financial condition and results of operations. The nature of our Railcar segment's businesses and assets expose it to the potential for claims and litigation related to personal injury, property damage, environmental claims, regulatory claims, contractual disputes and various other matters.

The success of our Railcar segment's railcar leasing business is dependent, in part, on its lessees performing their obligations.

The ability of each lessee to perform its obligations under a lease will depend primarily on such lessee's financial condition, as well as other various factors. The financial condition of a lessee may be affected by various factors beyond our control, including, but not limited to, competition, operating costs, general economic conditions and environmental and other governmental regulation of or affecting the lessee's industry. High default rates on leases

could increase the portion of railcars that may need to be remarketed after they are repossessed from defaulting lessees. There can be no assurance that the historical default experience with respect to our lease fleet will continue in the future.

Our Railcar segment's failure to comply with laws and regulations imposed by federal, state, local and foreign agencies could materially adversely affect our Railcar segment's business, financial condition, results of operations and ability to access capital.

The industries in which our Railcar segment operates are subject to extensive regulation by governmental, regulatory and industry authorities and by federal, state, local and foreign agencies. The risks of substantial costs and liabilities related to compliance with these laws and regulations are an inherent part of our Railcar segment's business. Despite our Railcar segment's intention to comply with these laws and regulations, our Railcar segment cannot guarantee that it will be able to do

so at all times and compliance may prove to be more costly and limiting than it currently anticipates and compliance requirements could increase in future years. These laws and regulations are complex, change frequently and may become more stringent over time, which could impact our Railcar segment's business, financial condition, results of operations and ability to access capital. If our Railcar segment fails to comply with the requirements and regulations of these agencies that impact our Railcar segment's manufacturing, other processes and reporting requirements, it may face sanctions and penalties that could materially adversely affect our Railcar segment's business, financial condition, results of operations and ability to access capital.

Uncertainty surrounding acceptance of our Railcar segment's new product offerings by our customers, and costs associated with those new offerings, could materially adversely affect our Railcar segment's business.

Our Railcar segment's strategy depends in part on its continued development and sale of new products, particularly new railcar designs, in order to expand or maintain its market share in our Railcar segment's current and new markets. Any new or modified product design that our Railcar segment develops may not gain widespread acceptance in the marketplace and any such product may not be able to compete successfully with existing or new product designs that may be introduced by our Railcar segment's competitors. Furthermore, our Railcar segment may experience significant initial costs of production of new products, particularly railcar products, related to training, labor and operating inefficiencies. To the extent that the total costs of production significantly exceed our Railcar segment's anticipated costs of production, it may incur losses on the sale of any new products.

Equipment failures, delays in deliveries or extensive damage to our Railcar segment's facilities, particularly our Railcar segment's railcar manufacturing plants in Paragould or Marmaduke, Arkansas, could lead to production or service curtailments or shutdowns.

An interruption in manufacturing capabilities at our Railcar segment's railcar plants in Paragould or Marmaduke or at any of its manufacturing facilities, whether as a result of equipment failure or any other reason, could reduce, prevent or delay production of our Railcar segment's railcars or railcar and industrial components, which could alter the scheduled delivery dates to customers and affect our Railcar segment's production schedule. This could result in the termination of orders, the loss of future sales and a negative impact to our Railcar segment's reputation with our Railcar segment's customers and in the railcar industry, all of which could materially adversely affect our Railcar segment's business, financial condition and results of operations.

All of our Railcar segment's facilities and equipment are subject to the risk of catastrophic loss due to unanticipated events, such as fires, earthquakes, explosions, floods, tornados or weather conditions. If there is a natural disaster or other serious disruption at any of our Railcar segment's facilities, it may experience plant shutdowns or periods of reduced production as a result of equipment failures, loss of power, delays in equipment deliveries, or extensive damage to any of our Railcar segment's facilities, which could materially adversely affect our Railcar segment's business, financial condition or results of operations.

Our Railcar segment's failure to complete capital expenditure projects on time and within budget, or the failure of these projects to operate as anticipated could materially adversely affect its business, financial condition and results of operations.

Our Railcar segment's capital expenditure projects are subject to a number of risks and contingencies over which it may have little control and that may adversely affect the cost and timing of the completion of those projects, or the capacity or efficiencies of those projects once completed. If these capital expenditure projects do not achieve the results anticipated, our Railcar segment may not be able to satisfy our Railcar segment's operational goals on a timely basis, if at all. If our Railcar segment is unable to complete such capital expenditure projects on time or within budget, or if those projects do not achieve the capacity or efficiencies anticipated, our Railcar segment's business, financial condition and results of operations could be materially adversely affected.

Some of our Railcar segment's railcar services and component manufacturing employees belong to labor unions and strikes or work stoppages by them or unions formed by some or all of our Railcar segment's other employees in the future could materially adversely affect our Railcar segment's operations.

A portion of the employees at our Railcar segment's sites are party to collective bargaining agreements. Disputes with regard to the terms of these agreements or our Railcar segment's potential inability to negotiate acceptable contracts with these unions in the future could result in, among other things, strikes, work stoppages or other slowdowns by the affected workers. Our Railcar segment cannot guarantee that its relations with its union workforce will remain positive

nor can our Railcar segment guarantee that union organizers will not be successful in future attempts to organize our Railcar segment's railcar manufacturing employees or employees at our Railcar segment's other facilities. If our Railcar segment's workers were to engage in a strike, work stoppage or other slowdown, other employees were to become unionized or the terms and conditions in future labor agreements were renegotiated, our Railcar segment could experience a significant disruption of our Railcar segment's operations and higher ongoing labor costs. In addition, our Railcar segment could face higher labor costs in the

future as a result of severance or other charges associated with layoffs, shutdowns or reductions in the size and scope of our Railcar segment's operations.

Our Railcar segment's manufacturer's warranties expose it to potentially significant claims and Railcar segment's business could be harmed if its products contain undetected defects or do not meet applicable specifications.

Our Railcar segment may be subject to significant warranty claims in the future relating to workmanship and materials involving its current or future railcar or component product designs. Such claims may include multiple claims based on one defect repeated throughout our Railcar segment's mass production process or claims for which the cost of repairing the defective component is highly disproportionate to the original cost of the part. These types of warranty claims could result in costly product recalls, significant repair costs and damage to our Railcar segment's reputation, which could materially adversely affect its business, financial condition and results of operations. Unresolved warranty claims could result in users of our Railcar segment's products bringing legal actions against us.

Further, if our Railcar segment's railcars or component products are defectively designed or manufactured, are subject to recall for performance or safety-related issues, contain defective components or are misused, it may become subject to costly litigation by its customers or others who may claim to be harmed by our Railcar segment's products. Product liability claims could divert management's attention from our Railcar segment's business, be expensive to defend and/or settle and result in sizable damage awards against our Railcar segment.

Our Railcar segment has significant amount of indebtedness, which could adversely affect its business, financial condition and results of operations and prevent it from fulfilling its indebtedness obligations.

Our Railcar segment is significantly leveraged. As of December 31, 2015, our Railcar segment had approximately \$2.7 billion in indebtedness, consisting of borrowings under certain credit facilities, term loans and bond securitizations. Our Railcar segment's significant indebtedness could materially impact its operations, and could place us at a competitive disadvantage compared to our less leveraged competitors. It may be difficult for our Railcar operations to satisfy its repayment and other obligations with respect to such indebtedness, and it may not be able to refinance its existing indebtedness as it matures. Significant indebtedness may also increase our Railcar segment's vulnerability to adverse general economic, industry or competitive developments or conditions and limit its flexibility in planning for, or reacting to, changes in its business and the industry in which it operates. Our Railcar segment may be limited in its ability to raise additional capital or obtain additional financing to fund its operations, capital expenditures or other growth initiatives, and other general corporate requirements and may be required to dedicate a significant portion of our cash flow from operations to interest and principal payments on its indebtedness. Our Railcar segment is also exposed to the risk of increased interest rates as certain of its borrowings are subject to variable rates of interest. As a consequence of our Railcar segment's level of indebtedness, a significant portion of its cash flow from operations may be dedicated to debt service requirements. In addition, the terms of our Railcar segment's various credit agreements may contain certain covenants, which if it fails to comply, may trigger an event of default, whereby the lender could accelerate the repayment of such debt. Our Railcar segment cannot assure you that our Railcar segment would be able to renegotiate, refinance, restructure or otherwise obtain the necessary funds to satisfy its indebtedness.

Changes in the credit markets and the financial services industry could adversely affect our Railcar segment's business, financial condition and results of operations.

The credit markets and the financial services industry continue to experience volatility which may result in tighter availability of credit on more restrictive terms. This could adversely affect our Railcar segment's liquidity and financial condition if its ability to borrow money to finance operations, obtain credit from trade creditors, offer leasing products to its customers or sell railcar assets to other lessors were to be impaired. In addition, our Railcar segment could also be adversely affected by its customers' ability to purchase or pay for products from it or its suppliers' ability to provide it with product, either of which could negatively affect our Railcar segment's operations.

Our Railcar segment may not be able to generate sufficient cash flow to service its obligations and it may not be able to refinance our indebtedness on commercially reasonable terms.

Our Railcar segment's ability to make payments on and to refinance its indebtedness and to fund planned capital expenditures, strategic transactions, joint venture capital requirements or expansion efforts will depend on its ability to generate cash in the future. This, to a certain extent, is subject to economic, financial, competitive, legislative, regulatory and other factors that are beyond our Railcar segment's control.

Our Railcar segment's business may not be able to generate sufficient cash flow from operations and there can be no assurance that future borrowings will be available to it in amounts sufficient to enable it to pay its indebtedness as such indebtedness matures and to fund its other liquidity needs. If this is the case, our Railcar segment will need to refinance all or a portion of our indebtedness on or before maturity, and it cannot be certain that it will be able to refinance any of our Railcar segment's indebtedness on commercially reasonable terms, or at all. Our Railcar segment might have to adopt one or more alternatives, such as reducing or delaying planned expenses and capital expenditures, selling assets, restructuring debt, or

obtaining additional equity or debt financing. These financing strategies may not be implemented on satisfactory terms, if at all. Our Railcar segment's ability to refinance its indebtedness or obtain additional financing and to do so on commercially reasonable terms will depend on its financial condition at the time, restrictions in any agreements governing our indebtedness and other factors, including the condition of the financial markets and the railcar industry. If our Railcar segment does not generate sufficient cash flow from operations and additional borrowings, refinancing or proceeds of asset sales are not available to it, it may not have sufficient cash to enable us to meet all of its obligations.

If our Railcar segment is unable to protect its intellectual property and prevent its improper use by third parties, its ability to compete in the market may be harmed.

Various patent, copyright, trade secret and trademark laws afford only limited protection and may not prevent our Railcar segment's competitors from duplicating its products or gaining access to its proprietary information and technology. These means also may not permit our Railcar segment to gain or maintain a competitive advantage. To the extent our Railcar segment expands internationally, it becomes subject to the risk that foreign intellectual property laws will not protect our Railcar segment's intellectual property rights to the same extent as intellectual property laws in the U.S.

Any of our Railcar segment's patents may be challenged, invalidated, circumvented or rendered unenforceable. Our Railcar segment cannot guarantee that it will be successful should one or more of our patents be challenged for any reason. If our Railcar segment's patent claims are rendered invalid or unenforceable, or narrowed in scope, the patent coverage afforded its products could be impaired, which could significantly impede its ability to market its products, negatively affect its competitive position and could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Our Railcar segment's pending or future patent applications may not result in an issued patent and, if patents are issued to it, such patents may not provide meaningful protection against competitors or against competitive technologies. The United States federal courts may invalidate our Railcar segment's patents or find them unenforceable. Competitors may also be able to design around our Railcar segment's patents. Other parties may develop and obtain patent protection for more effective technologies, designs or methods. If these developments were to occur, it could have an adverse effect on our Railcar segment's sales. If our Railcar segment's intellectual property rights are not adequately protected our Railcar segment may not be able to commercialize its technologies, products or services and its competitors could commercialize its technologies, which could result in a decrease in its sales and market share and could materially adversely affect our Railcar segment's business, financial condition and results of operations. Our Railcar segment's products could infringe the intellectual property rights of others, which may lead to litigation that could itself be costly, result in the payment of substantial damages or royalties, and prevent it from using technology that is essential to its products.

Our Railcar segment cannot guarantee that its products, manufacturing processes or other methods do not infringe the patents or other intellectual property rights of third parties. Infringement and other intellectual property claims and proceedings brought against our Railcar segment, whether successful or not, could result in substantial costs and harm its reputation. Such claims and proceedings can also distract and divert our Railcar segment's management and key personnel from other tasks important to the success of its business.

In the event of an adverse determination in an intellectual property suit or proceeding, or our Railcar segment's failure to license essential technology, its sales could be harmed and its costs could increase, which could materially adversely affect our Railcar segment's business, financial condition and results of operations.

Our Railcar segment may incur future asset impairment charges.

Our Railcar operations regularly review long-lived asset investments for impairment, including when events or changes in circumstances indicate the carrying value of an asset or investment may not be recoverable. Our Railcar segment may be required to recognize asset impairment charges in the future as a result of a weak economic environment, challenging market conditions, events related to particular customers or asset types, changing regulatory rules, or as a result of asset or portfolio sale decisions by management or other factors that affect our Railcar segment's estimates of expected cash flows to be generated from its long-lived assets.

The use of railcars as a significant mode of transporting freight could decline, become more efficient over time, experience a shift in types of modal transportation, and/or certain railcar types could become obsolete.

As the freight transportation markets our Railcar segment serve continue to evolve and become more efficient, the use of railcars may decline in favor of other more economic modes of transportation. Features and functionality specific to certain railcar types could result in those railcars becoming obsolete as customer requirements for freight delivery change. Our Railcar segment's operations may be adversely impacted by changes in the preferred method used by customers to ship their products, changes in demand for particular products, or by a shift by customers toward purchasing assets rather than leasing them from

our Railcar segment. The industries in which our Railcar segment's customers operate are driven by dynamic market forces and trends, which are in turn influenced by economic and political factors in the United States and abroad. Demand for our Railcar segment's railcars may be significantly affected by changes in the markets in which its customers operate. A significant reduction in customer demand for transportation or manufacture of a particular product or change in the preferred method of transportation used by customers to ship their products could result in the economic obsolescence of our railcars, including those leased by our customers.

Gaming

Tropicana is pursuing, and may in the future pursue, expansion and acquisition opportunities and other strategic transactions that involve inherent risks, any of which may cause it to not realize anticipated benefits.

Our Gaming segment's business strategy includes the consideration of expansion opportunities in new gaming jurisdictions and underserved markets and acquisition opportunities and other strategic transactions that may arise periodically. For example, in April 2014, Tropicana entered into an agreement to purchase Lumière. Tropicana may not be able to successfully identify suitable acquisition or other strategic opportunities or complete any particular acquisition, combination, joint venture or other strategic transaction on acceptable terms. Tropicana's identification of suitable acquisition candidates and other strategic opportunities involves risks inherent in assessing the values, strengths, weaknesses, risks and profitability of these opportunities including their effects on its business, diversion of its management's attention and risks associated with unanticipated problems or unforeseen liabilities. If Tropicana is successful in pursuing acquisitions or other strategic opportunities, it may be required to expend significant funds, incur additional debt, or issue additional securities, which may materially and adversely affect its results of operations. If Tropicana spends significant funds or incurs additional debt, its ability to obtain financing for working capital or other purposes could decline and it may be more vulnerable to economic downturns and competitive pressures. In addition, Tropicana cannot guarantee that it will be able to finance additional acquisitions or other strategic opportunities, or that it will realize any anticipated benefits from acquisitions or other strategic opportunities. Should Tropicana successfully acquire another business, the process of integrating acquired operations into its existing operations may result in unforeseen operating difficulties and may require significant financial resources that would otherwise be available for the ongoing development or expansion of our existing business. The difficulties of integration may be increased by the necessity of coordinating geographically dispersed organizations, integrating personnel with disparate business backgrounds and combining different corporate cultures. In addition, Tropicana may not be effective in retaining key employees or customers of the combined businesses. Tropicana may face integration issues pertaining to the internal controls and operations functions of the acquired companies and may not realize cost efficiencies or synergies that it anticipated when selecting its acquisition candidates. Tropicana's failure to identify suitable acquisition or other strategic opportunities may restrict its ability to grow its business.

Intense competition exists and is growing in the gaming industry, including competition involving the implementation of internet gaming, and Tropicana may not be able to compete effectively which could negatively affect our Gaming operations.

The gaming industry is highly competitive for both customers and employees, including those at the management level. Tropicana faces increasing intense competition with numerous casinos and hotel casinos of varying quality and size in market areas where its properties are located. Tropicana also competes with other non-gaming resorts and vacation destinations, and with various other casino and other entertainment businesses and could compete with any new forms of gaming that exist or may be legalized in the future, including on-line gaming. The casino entertainment business is characterized by competitors that vary considerably in their size, quality of facilities, number of operations, brand identities, marketing and growth strategies, financial strength and capabilities, level of amenities, management talent and geographic diversity. In most markets, Tropicana competes directly with other casino facilities operating in the immediate and surrounding market areas. In some markets, Tropicana faces competition from nearby markets in addition to direct competition within its market areas as well as the threat from new, emerging markets. With internet gaming, Tropicana's land based casinos will also potentially be competing in virtual markets that may not be constrained by geographical limitations.

In recent years, competition in existing markets has intensified. For example, competition with the Atlantic City market has increased with Pennsylvania and Delaware commencing live table game operations in fiscal 2010; the

opening of a new casino in a Philadelphia suburb in 2012 and the award of the second Philadelphia Category 2 license in 2014; five casinos currently operating in Maryland with plans for an additional casino to open in the second half of 2016, and the addition of table games; two video lottery terminal ("VLT") casinos operating in the New York metropolitan area, three commercial gaming facilities approved in New York State during 2015 with up to an additional four commercial gaming facilities provided for by New York law in future years and two additional VLT facilities planned for the eastern parts of New York in the coming years. In September 2012, competition in the Baton Rouge market increased with the opening of a new casino. In addition, legislation has been introduced in New Jersey to expand casino gaming outside of Atlantic City. Our Gaming segment's ability to make capital investments in its properties going forward may be constrained due to market conditions, and it may not be able to compete effectively with casinos that have been modernized or recently expanded.

This expansion of existing casino entertainment properties, the increase in the number of gaming opportunities, the potential emergence of legal internet gaming outside of New Jersey and the aggressive marketing strategies of many of Tropicana's competitors has also increased competition in many markets in which it competes, and it expects this intense competition to continue.

If Tropicana's competitors operate more successfully than it does, if they are more successful than Tropicana in attracting and retaining employees, if their properties are enhanced or expanded, if additional hotels and casinos are established in and around the locations in which it conducts business, or if on-line gaming is permitted and conducted in any of its markets, it may lose market share or the ability to attract or retain employees or customers. In particular, the expansion of casino gaming in or near any geographic area, including but not limited to the State of New Jersey, from which Tropicana attracts or expects to attract a significant number of its customers could materially adversely affect our Gaming segment's business, financial condition and results of operations.

Tropicana expects that competition from internet gaming will continue to grow and intensify.

Tropicana expects that it will face increased competition from internet gaming as the potential for legalized internet gaming continues to grow. There are current proposals to legalize internet gaming under federal law. Additionally, several states are currently considering legislation that would legalize internet gaming at the state level. As a result of the Justice Department's December 2011 opinion concerning the applicability of the Wire Act to internet gaming, certain states including Nevada, Delaware and New Jersey have moved forward with legislation to authorize various forms of intrastate internet gaming. Notably, in February 2013 Nevada amended its internet gaming law to permit Nevada licensed internet providers to commence internet poker and to allow the state to enter into agreements with other states to create multi-state poker wagering, and in November 2013 New Jersey commenced intrastate internet gaming through Atlantic City casinos. The New Jersey law provides that licensed Atlantic City casinos including Tropicana AC may offer internet gambling games subject to regulations to be adopted by the NJDGE. The law provides for a 15% tax on internet gaming gross revenues and permits New Jersey to enter into agreements with other states to engage in multi-state internet wagering pools. The law has a 10 year sunset provision. A number of New Jersey casinos including Tropicana Atlantic City participate in intrastate Internet gaming. Tropicana's ability to compete in a marketplace containing multiple virtual casino platforms will depend on its ability to effectively market its internet gaming products to its customers in the face of stiff competition as well as the availability of internet gaming in jurisdictions in which it operates casinos. Furthermore, competition from internet lotteries and other internet wagering gaming services, which allow their customers to wager on a wide variety of sporting events and play Las Vegas-style casino games from home, could divert customers from its properties and thus adversely affect its business. Such internet wagering services are likely to expand in future years and become more accessible to domestic gamblers as a result of recently announced U.S. Department of Justice positions related to the application of federal laws to intrastate internet gaming and initiatives in some states to consider legislation to legalize intrastate internet wagering. There are also proposals that would specifically legalize internet gaming under federal law.

The casino, hotel and resort industry is capital intensive and Tropicana may not be able to proceed with renovation projects because of market conditions, which could put it at a competitive disadvantage.

Tropicana's properties have an ongoing need for renovations and other capital improvements to remain competitive, including replacement, from time to time, of furniture, fixtures and equipment. Tropicana also needs to make capital expenditures to comply with applicable laws and regulations.

Renovations and other capital improvements of Tropicana's properties require significant capital expenditures and usually generate little or no cash flow until the project is completed. Tropicana may not be able to proceed with planned capital improvement projects because of market conditions. Tropicana's failure to renovate its gaming properties may put it at a competitive disadvantage, which could have a materially adverse effect on our Gaming segment.

Renovations and other capital improvements may disrupt Tropicana's operations.

Renovation projects may cause Tropicana to temporarily close all or a portion of its facilities to customers and disrupt service and room availability, causing reduced demand, occupancy and rates. For example, in 2014 and 2015 MontBleu and Tropicana AC underwent major renovation projects that impacted operating results. As a result, any future capital improvements projects may increase Tropicana's expenses and reduce its cash flows and its revenues and, accordingly, may have a materially adverse effect on our Gaming segment.

Similarly, Tropicana intends to construct a new landside gaming facility in Evansville, Indiana, which is anticipated to encompass 70,000 square feet of enclosed space (including approximately 40,000 square feet of casino floor, additional food and beverage outlets and back of house space). Tropicana estimates that the development costs for the facility will be at least \$50 million. Tropicana anticipates commencement of construction during the second quarter of 2016 (subject to receipt of approvals and permits) and completion within 18 to 24 months thereafter. There can be no assurances that Tropicana will receive all the required approvals and permits to commence construction of the new landside gaming facility, or that it will

finish construction of such facility in a timely manner or within its anticipated budget. Tropicana may encounter delays or other disruptions during construction of this facility, which may have a material adverse effect on our Gaming segment's business, financial condition and results of operations.

Work stoppages, labor problems and unexpected shutdowns may limit Tropicana's operational flexibility and negatively impact its future profits.

Tropicana is party to 10 collective bargaining agreements with different unions. In September 2014, the collective bargaining agreement with UNITE HERE Local 54 covering approximately 1,100 employees at Tropicana AC expired and Tropicana AC is presently operating without an agreement with this union. There can be no assurance that Tropicana will be able to enter into a new collective bargaining agreement with UNITE HERE Local 54 or renegotiate the other collective bargaining agreements with other unions currently in effect. The addition of new or changes to the existing collective bargaining agreements could cause significant increases in labor costs, which could have a material adverse effect on our Gaming segment.

In addition, the unions with which Tropicana has collective bargaining agreements or other unions could seek to organize employees at Tropicana's non-union properties or groups of employees at its properties that are not currently represented by unions. Union organization efforts could cause disruptions in its businesses and result in significant costs, both of which could have a material adverse effect on our Gaming segment.

Finally, if Tropicana is unable to negotiate these agreements on mutually acceptable terms, the affected employees, including union members with the UNITE HERE Local 54 bargaining unit, may engage in a strike or other job actions instead of continuing to operate without contracts or under expired contracts, which could have a materially adverse effect on our Gaming segment, including the operations of Tropicana AC. In 2012, UNITE HERE Local 54 staged several protest actions at Tropicana AC which were disruptive to its business. Any unexpected shutdown of one of the casino properties, including Tropicana AC, from a work stoppage or strike action could have a material adverse effect on our Gaming segment. Moreover, strikes, work stoppages or other job actions could also result in adverse media attention or otherwise discourage customers, including convention and meeting groups, from visiting Tropicana's casinos. There can be no assurance that Tropicana can be adequately prepared for labor developments that may lead to a temporary or permanent shutdown of any of its casino properties.

Tropicana's business is particularly sensitive to reductions in discretionary consumer spending as a result of downturns in the local, regional or national economy.

Consumer demand for casino and hotel properties, such as Tropicana's, are particularly sensitive to downturns in the local, regional or national economy and the corresponding impact on discretionary spending on leisure activities. Changes in discretionary consumer spending or consumer preferences brought about by factors such as perceived or actual general economic conditions, the recent housing and credit crises, the impact of high energy and food costs, the increased cost of travel, the potential for continued bank failures, perceived or actual declines in disposable consumer income and wealth, the effect of the current economic environment and changes in consumer confidence in the economy, or fears of war and future acts of terrorism could further reduce customer demand for amenities that Tropicana offers.

The housing crisis and recession in the United States that began in 2008 resulted in a significant decline in tourism and consumer spending. Economic conditions like the recent downturn (and slowdowns or recessions less severe) could cause fewer consumers to spend money or cause consumers to spend less money at Tropicana's properties and could materially adversely affect our Gaming operations. While general economic conditions have modestly improved, there can be no assurance that they will continue to improve or will not worsen in the future.

The state of the global financial markets may impact Tropicana's ability to obtain sufficient financing and credit on a going forward basis which could negatively impact its ability to expand its business.

In addition to earnings and cash flows from operations, Tropicana relies on borrowed money to finance its business, which may be constrained if it is unable to borrow additional capital or refinance existing borrowings on reasonable terms. Developments in the global financial markets that have led to unpredictable government intervention in the United States and European banking systems, including the fiscal 2008 capital crisis in the banking system, a series of rating agency downgrades of subprime U.S. mortgage related assets and significant provisions for loan losses recorded by major financial institutions and downgrades of sovereign debt in certain EU member nations, have resulted in volatility in the credit markets, a low level of liquidity in many global financial markets and other adverse conditions

for issuers in fixed income, credit and equity markets. In the recent past, these markets have experienced disruption that had a dramatic impact on the availability and cost of capital and credit. The market interest rate for debt of companies similar to Tropicana's has been volatile. The United States and other governments have enacted legislation and taken other actions to help alleviate these conditions, although there is no assurance that such steps will have the effect of easing the conditions in global credit and capital markets. Therefore, Tropicana has no assurance that such steps will facilitate its further access to credit or capital markets at desirable times or at rates that it would

consider acceptable, and the lack of such funding could have a material adverse effect on our Gaming operations and its ability to service its indebtedness. While these conditions have recently improved, there can be no assurance that they will not worsen in the future. Tropicana is unable to predict the likely duration or severity of any disruption in the capital and credit markets, or its impact on the larger economy. A disruption in the global credit and financial markets may materially and adversely affect Tropicana's ability to obtain sufficient financing to execute its business strategy. Tropicana may be subject to litigation resulting from its gaming, resort and dining operations, which, if adversely determined, could result in substantial losses.

Tropicana will be, from time to time, during the ordinary course of operating its businesses, subject to various litigation claims and legal disputes, including contract, lease, employment and regulatory claims as well as claims made by visitors to its properties. Certain litigation claims may not be covered entirely or at all by its insurance policies or its insurance carriers may seek to deny coverage. In addition, litigation claims can be expensive to defend and may divert Tropicana's attention from the operations of its businesses. Further, litigation involving visitors to its properties, even if without merit, can attract adverse media attention. As a result, litigation can have a material adverse effect on its businesses. Tropicana cannot predict the outcome of any action and it is possible that adverse judgments or settlements could significantly reduce our Gaming segment revenues.

State gaming laws and regulations may require holders of Tropicana's debt or equity securities to undergo a suitability investigation, and may result in redemption of their securities.

Many jurisdictions require any person who acquires beneficial ownership of debt or equity securities of a casino gaming company to apply for qualification or a finding of suitability. Generally, any person who fails or refuses to apply for a finding of suitability or a license within the prescribed period after being advised by gaming authorities that it is required to do so may be denied a license or found unsuitable or unqualified, as applicable. Any holder of securities that is found unsuitable or unqualified or denied a license, and who holds, directly or indirectly, any beneficial ownership of a gaming entity's securities beyond such period of time as may be prescribed by the applicable gaming authorities may be guilty of a criminal offense. Furthermore, a gaming entity may be subject to disciplinary action if such gaming entity, after receiving notice that a person is unsuitable to be a holder of securities or to have any other relationship with such gaming entity or any of its subsidiaries:

- pays that person any dividend or interest upon the securities;

- allows that person to exercise, directly or indirectly, any voting ownership right conferred through securities held by that person;

- pays remuneration in any form to that person for services rendered or otherwise;

- allows that person to continue in an ownership or economic interest or receive any economic benefit; or

- fails to pursue all lawful efforts to require such unsuitable person to relinquish the securities including, if necessary, the immediate (or within such other time period as prescribed by the applicable gaming authorities) purchase of such securities for the lesser of fair value at the time of repurchase or fair value at the time of acquisition by the unsuitable holder.

In the event that disqualified holders fail to divest themselves of such securities, gaming authorities have the power to revoke or suspend the casino license or licenses related to the regulated entity that issued the securities. In addition, Tropicana's certificate of incorporation provides that it may redeem its securities from an Unsuitable Person (as such term is defined in Tropicana's certificate of incorporation).

Regulation by gaming authorities could adversely affect our Gaming segment's operations.

Tropicana is subject to extensive regulation with respect to the ownership and operation of its gaming facilities.

Federal, state and local gaming authorities require that Tropicana and its subsidiaries hold various licenses, qualifications, findings of suitability, registrations, permits and approvals. The gaming regulatory authorities have broad powers with respect to the licensing of casino operations and alcoholic beverage service and may deny, revoke, suspend, condition, or limit Tropicana's gaming or other licenses, impose substantial fines, temporarily suspend casino operations and take other actions, any one of which could adversely affect our Gaming operations.

Tropicana owns, operates or has an interest in gaming facilities located in Nevada, Indiana, Mississippi, Missouri, Louisiana, New Jersey and Aruba. Tropicana has obtained all material governmental licenses, qualifications, registrations, permits and approvals necessary for the operation of its gaming facilities as operations at such facilities are presently conducted. However, there can be no assurance that Tropicana can obtain any new licenses, or renew

any existing, licenses, qualifications, findings of suitability, registrations, permits, or approvals that may be required in the future or that existing ones will not be suspended or revoked. If Tropicana relocates or expands any of its current gaming facilities or enters new jurisdictions, it must obtain all additional licenses, qualifications, findings of suitability, registrations, permits and approvals of

the applicable gaming authorities in such jurisdictions. If state regulatory authorities were to find an officer, director, owner or other person affiliated with its operations unsuitable, Tropicana would be required to sever its relationship with that person. Gaming authorities, as well as other state regulatory authorities, may conduct similar investigations in the future in connection with new equity and debt holders. We cannot predict the outcome of these investigations or their potential impact on our Gaming segment.

Additionally, certain manufacturers, distributors and suppliers of gaming devices, junkets, goods or services to Tropicana's gaming facilities may be required to obtain a license or permit or undergo a suitability investigation by the gaming authorities. There can be no assurance that such licenses, permits or registrations will be obtained by such vendors. The failure of any such vendors to obtain any required licenses, permits or registrations on a timely basis could materially adversely affect our Gaming operations.

Tropicana's operations are subject to numerous laws and regulations resulting from its presence in several states and diverse operating activities.

In addition to gaming regulations, Tropicana is also subject to various federal, state and local laws and regulations affecting businesses in general. Tropicana operates hotels, restaurants, entertainment facilities, parking garages, swimming pools, riverboats and other facilities connected with its core gaming business. Many of these activities are subject to state and local laws and regulations. Such laws and regulations could change or could be interpreted differently in the future, or new laws and regulations could be enacted. For example, in July 2006, New Jersey gaming properties, including Tropicana AC, were required to temporarily close their casinos for three days as a result of a New Jersey statewide government shutdown that affected certain New Jersey state employees required to be at casinos when they are open for business that resulted in loss of revenues. Any cessation of operations as a result of a government shutdown, or similar events resulting from laws and regulations affecting businesses, could materially adversely affect our Gaming operations.

Potential changes in legislation and regulation could negatively impact Tropicana's gaming operations.

From time to time, legislators and special interest groups propose legislation that would expand, restrict, or prevent gaming operations in the jurisdictions in which Tropicana operates and in neighboring jurisdictions. Further, from time to time, individual jurisdictions have considered or enacted legislation and referenda, such as bans on smoking in casinos and other entertainment and dining facilities, which could adversely affect Tropicana and, accordingly, our Gaming segment. Any restriction on or prohibition relating to our Gaming segment, or enactment of other adverse legislation or regulatory changes, could materially adversely affect our Gaming operations.

Tropicana may be subject to increases in taxation and fees resulting from its gaming operations.

The casino gaming industry represents a significant source of tax revenues to the various jurisdictions in which casinos operate. Gaming companies are currently subject to significant federal, state and local taxes and fees in addition to the federal and state income taxes that typically apply to corporations, and such taxes and fees could increase at any time. From time to time, various state and federal legislators and officials have proposed changes in tax laws or in the administration of such laws, including increases in tax rates, which would affect the gaming industry. Economic conditions could intensify the efforts of federal, state and local governments to raise revenues through increases in gaming taxes and fees. In addition, growing federal, state or local budget shortfalls resulting from the recent recession could prompt tax or fee increases. Any material increase in assessed taxes, or the adoption of additional taxes or fees in any of Tropicana's markets could materially adversely affect our Gaming operations.

The risks associated with international operations could affect Tropicana's ability to pursue expansion opportunities. Tropicana currently operates a small casino at its property on the Caribbean island of Aruba. International operations are subject to inherent risks including variation in local economies, currency fluctuation, greater difficulty in accounts receivable collection, trade barriers, burden of complying with a variety of international laws, and political and economic instability. Each of these risks could impair Tropicana's ability to execute its business strategy and adversely affect our Gaming operations.

Any violation of the Foreign Corrupt Practices Act or applicable Anti-Money Laundering laws or regulations such as the Bank Secrecy Act could have a negative impact on our Gaming operations.

Tropicana is subject to risks associated with doing business outside of the United States, which exposes it to complex foreign and U.S. regulations inherent in doing business cross-border and in each of the countries in which it transacts business. Tropicana is subject to regulations imposed by the Foreign Corrupt Practices Act (the "FCPA") and other

anti-corruption laws that generally prohibit U.S. companies and their intermediaries from offering, promising, authorizing or making improper payments to foreign government officials for the purpose of obtaining or retaining business. Violations of the FCPA and other anti-corruption laws may result in severe criminal and civil sanctions as well as other penalties and the SEC and U.S. Department of Justice have increased their enforcement activities with respect to the FCPA. Internal control policies and procedures and employee training and compliance programs that Tropicana has implemented to deter prohibited practices may

not be effective in prohibiting its directors, employees, contractors or agents from violating or circumventing its policies and the law. If Tropicana's directors, employees or agents fail to comply with applicable laws or company policies governing its international operations, Tropicana may face investigations, prosecutions and other legal proceedings and actions which could result in civil penalties, administrative remedies and criminal sanctions. Any determination that Tropicana has violated the FCPA could have a material adverse effect on our Gaming segment's financial condition. Compliance with international and U.S. laws and regulations that apply to Tropicana's international operations increases its cost of doing business in foreign jurisdictions. Tropicana also deals with significant amounts of cash in its operations and is subject to various reporting and anti-money laundering regulations such as the Bank Secrecy Act (the "BSA"). The Internal Revenue Service and Financial Crimes Enforcement Network monitor casino compliance with casino filing of Currency Transaction Reports ("CTR") and Suspicious Activity Report ("SAR") and anti-money laundering ("AML") programs and have recently stepped-up enforcement activities involving non-compliant casinos. Internal control policies and procedures and employee training, AML compliance programs and internal audits involving CTR and SAR filings have been implemented to enhance compliance and detect problems. Any violation of anti-money laundering laws or regulations by any of Tropicana's resorts could have a negative effect on our Gaming segment's results of operations.

Tropicana could encounter problems during development, construction, renovation and refurbishment of our properties that could increase the construction costs or delay their completion. In addition, Tropicana may not be able to complete projects if it does not obtain all necessary permits, licenses, grants and approvals.

Construction projects like the development, construction, renovation and refurbishment of Tropicana AC, MontBleu, Evansville and Tropicana Aruba are subject to significant development and construction risks, any of which could cause unanticipated cost increases and delays. These include, among others, the following:

- adverse weather conditions that damage the project or cause delays;
- changes to the plans or specifications;
- shortages and increased costs of energy, materials and skilled labor;
- engineering problems;
- labor disputes and work stoppages;
- environmental issues;
- fire, flooding and other natural disasters; and
- geological, construction, excavation, regulatory and equipment problems.

In addition, certain permits, licenses, grants and approvals necessary for development, construction and operation may not be obtained. The scope of the approvals required for projects vary. Unexpected changes or concessions required by regulatory authorities could involve significant additional costs and result in a delay in the schedule. Tropicana may not receive the necessary licenses, grants and approvals or obtain them within its anticipated time frame. For example, the Tropicana AC capital renovation project that was completed in 2015 required grant and other financing approvals from various state agencies as well as approval of its plans by various federal, state and local regulatory agencies in order for it to proceed with construction. In addition, even if Tropicana completes any development, construction, renovation and refurbishment projects, it cannot assure you that it will achieve all of, or any of, the anticipated benefits of such projects.

Our Gaming operations could be materially adversely affected by the occurrence of accidents, natural disasters, such as hurricanes, or other catastrophic events, including war and terrorism.

Natural disasters, such as hurricanes, floods, fires and earthquakes, could adversely affect our Gaming operations. Hurricanes are common to the areas in which Tropicana's Louisiana and Mississippi properties are located and the severity of such natural disasters is unpredictable. In October 2012, Superstorm Sandy resulted in the mandatory closure of Tropicana AC for approximately five days. Although the property did not incur any significant property damage, the severity of the property damage to a large portion of the Atlantic City feeder markets including New Jersey, New York and Pennsylvania resulted in a long term business interruption that continued into 2013 and materially affected operating results. Likewise, in August 2011, Hurricane Irene and mandatory governmental evacuation orders for Atlantic City caused an approximately three-day closure of Tropicana AC, adversely affecting our Gaming operations. In May 2011, both of Tropicana's properties in Greenville, Mississippi, Lighthouse Point and Jubilee were closed for approximately 29 days as a result of Mississippi River flooding causing substantial damage at

its Lighthouse Point property and adversely affected our Gaming segment's operating results at its Greenville facilities. Likewise, in August 2012, Tropicana's property in Louisiana was forced to temporarily close for approximately 2 days as a result of Hurricane Isaac. We cannot predict the impact that any future natural disasters will have on Tropicana's ability to maintain its customer base or to sustain its business activities.

Moreover, Tropicana's riverboats face additional risks from the movement of vessels on waterways, such as collisions with other vessels or damage from debris in the water. Reduced patronage and the loss of a dockside or riverboat casino from service for any period of time could materially adversely affect our Gaming operations.

Catastrophic events such as terrorist and war activities in the United States and elsewhere have had a negative effect on travel and leisure expenditures, including lodging, gaming (in some jurisdictions), and tourism. In addition, any man-made or natural disasters in or around Tropicana's properties could have a materially adverse effect on our Gaming operations. We cannot predict the extent to which such events may affect Tropicana and, accordingly, our Gaming segment, directly or indirectly, in the future. We also cannot ensure that Tropicana will be able to obtain any insurance coverage with respect to occurrences of terrorist acts and any losses that could result from these acts. In the future, the prolonged disruption at any of Tropicana's properties due to natural disasters, terrorist attacks, or other catastrophic events could materially adversely affect our Gaming operations.

Leisure and business travel, especially travel by air, are particularly susceptible to global geopolitical events, such as terrorist attacks or acts of war or hostility. These events can create economic and political uncertainties that could adversely impact Tropicana's business levels. Furthermore, although Tropicana may have some insurance coverage for certain types of terrorist acts, insurance coverage against loss or business interruption resulting from war and some forms of terrorism may be unavailable.

Tropicana's properties, including riverboats and dockside facilities, are subject to risks relating to mechanical failure, weather and regulatory compliance.

All of Tropicana's facilities are subject to the risk that operations could be halted for a temporary or extended period of time, as result of casualty, forces of nature, mechanical failure or extended or extraordinary maintenance, among other causes. In addition, Tropicana's gaming operations, particularly those conducted on riverboats or at dockside facilities, could be damaged or halted due to extreme weather conditions. In October 2012 Superstorm Sandy resulted in the mandatory closure of Tropicana AC for approximately five days. Although the property did not incur any significant property damage, the severity of the property damage to a large portion of the Atlantic City feeder markets including New Jersey, New York and Pennsylvania has resulted in long term business interruption that continued into 2013 and materially affected operating results. Likewise, in August 2011 Hurricane Irene and mandatory governmental evacuation orders for Atlantic City caused an approximately three-day closure of Tropicana AC, adversely affecting our Gaming operations. In May 2011 both of Tropicana's properties in Greenville, Mississippi, Lighthouse Point and Jubilee were closed for approximately 29 days as a result of Mississippi River flooding causing substantial damage at its Lighthouse Point property and adversely affected our Gaming segment's operating results at its Greenville facilities. Likewise, in August 2012 Tropicana's property in Louisiana was forced to temporarily close for approximately 2 days as a result of Hurricane Isaac. Each of Tropicana's riverboats must comply with U.S. Coast Guard requirements as to boat design, on-board facilities, equipment, personnel and safety. Each riverboat must hold a Certificate of Inspection for stabilization and flotation, and may also be subject to local zoning codes. The U.S. Coast Guard requirements establish standards, set limits on the operation of the vessels and require individual licensing of all personnel involved with the operation of the vessels. Loss of a vessel's Certificate of Inspection or American Bureau of Shipping approval would preclude its use as a casino.

Except for Tropicana's riverboats that have opted for alternate inspection by the American Bureau of Shipping allowed in those gaming jurisdictions where Tropicana operates that provide for such alternative inspections, U.S. Coast Guard regulations require a hull inspection for all riverboats at five-year intervals. Under certain circumstances, alternative hull inspections may be approved. The U.S. Coast Guard may require that such hull inspections be conducted at a dry-docking facility and, if so required, the cost of travel to and from such docking facility, as well as the time required for inspections of the affected riverboats, could be significant. To date, the U.S. Coast Guard has allowed in-place inspections of Tropicana's riverboats. The U.S. Coast Guard may not allow these types of inspections in the future. The loss of a riverboat casino from service for any period of time could materially adversely affect our Gaming operations.

U.S. Coast Guard regulations also require certain of Tropicana's properties to prepare and follow certain security programs. In the first quarter of 2003, Tropicana Evansville implemented the American Gaming Association's Alternative Security Program at its riverboat casino. In November 2012, the Indiana Gaming Commission approved Tropicana Evansville to convert from a self-propelled riverboat to a permanently moored craft designation, contingent

on successful completion of an emergency drill package to be approved by American Bureau of Shipping ("ABS") and the addition of an additional passenger egress before the next annual inspection of the vessel in October 2013. In December 2012, the United States Coast Guard relinquished regulatory oversight of the Tropicana Evansville vessel after successful completion of the ABS drills, negating the requirement for the Alternative Security Program. Belle of Baton Rouge applies a customized alternative security program. The American Gaming Association's Alternative Security Program is specifically designed to address maritime security requirements at riverboat casinos and their respective dockside facilities. Changes to these regulations could adversely affect our Gaming operations.

Noncompliance with environmental, health and safety regulations applicable to Tropicana's hotels and casinos could adversely affect Tropicana's results of operations.

As the owner, operator and developer of real property, Tropicana must address, and may be liable for, hazardous materials or contamination of these sites and any other off-site locations at which any hazardous material that its activities generate are disposed. Tropicana's ongoing operations are subject to stringent regulations relating to the protection of the environment and handling of waste, particularly with respect to the management of wastewater from its facilities. Any failure to comply with existing laws or regulations, the adoption of new laws or regulations with additional or more rigorous compliance standards, or the more vigorous enforcement of environmental laws or regulations could limit Tropicana's future opportunities and, accordingly, could materially adversely affect our Gaming operations by increasing its expenses and limiting its future opportunities.

The concentration and evolution of the slot machine manufacturing industry could impose additional costs on Tropicana's operations.

A majority of Tropicana's gaming revenue is attributable to slot machines operated at its gaming facilities. It is important, for competitive reasons that Tropicana offer popular and technologically advanced slot machine games to its customers. A substantial majority of the slot machines sold in the United States in recent years were manufactured by a limited number of companies. A deterioration in the commercial arrangements with any of these slot machine manufacturers, or significant industry demand, could result in Tropicana being unable to acquire the slot machines desired by its customers or could result in manufacturers significantly increasing the cost of these machines. Going forward, the inability to obtain new and up-to-date slot machine games could impair Tropicana's competitive position and result in decreased gaming revenues at its casinos. In addition, increases in the costs associated with acquiring slot machine games could adversely affect Tropicana's profitability and, accordingly, have a material adverse effect on our Gaming segment.

In recent years, the prices of new slot machines have dramatically increased. Furthermore, in recent years, slot machine manufacturers have frequently refused to sell slot machines featuring the most popular games, instead requiring gaming operators to execute participation lease arrangements for them to be able to offer such machines to patrons. Participation slot machine leasing arrangements typically require the payment of a fixed daily rental fee. Such agreements may (depending on regulatory restrictions in the applicable jurisdiction) also include a percentage payment to the manufacturer based on the usage of the machine or the gaming company's receipts from the machine, sometimes referred to as "coin-in" or "net win" percentage payments. Generally, a slot machine participation lease is more expensive over the long term than the cost of purchasing a new slot machine. Tropicana has slot machine participation leases at each of its properties.

For competitive reasons, Tropicana may be forced to purchase new, more contemporary slot machines, or enter into participation lease arrangements that are more expensive than the costs currently associated with the continued operation of existing slot machines. If the newer slot machines do not result in sufficient incremental revenues to offset the increased investment and participation lease costs, it could materially adversely affect our Gaming operations.

Tropicana may not have or be able to obtain sufficient insurance coverage to replace or cover the full value of losses it may suffer.

Tropicana's casino properties may be subject to extreme weather conditions, including, but not limited to, hurricanes and floods. In the future, such extreme weather conditions may interrupt its operations, damage its properties and reduce the number of customers who visit its facilities. Although Tropicana maintains both property and business interruption insurance coverage for certain extreme weather conditions, such coverage is subject to deductibles and limits on maximum benefits, including limitation on the coverage period for business interruption.

We cannot assure you that Tropicana will be able to fully insure such losses or fully collect, if at all, on claims resulting from such extreme weather conditions. In addition, extreme weather events such as hurricanes and floods have resulted in increases in insurance premiums, increased deductibles and less favorable coverage terms.

Furthermore, such extreme weather conditions may interrupt or impede access to Tropicana's affected properties and may cause visits to its affected properties to decrease for an indefinite period.

While Tropicana maintains insurance against many risks to the extent and in amounts that it believes are reasonable, these policies will not cover all risks. Furthermore, portions of Tropicana's businesses are difficult or impracticable to

insure. Therefore, after carefully weighing the costs, risks and benefits of retaining versus insuring various risks, as well as the availability of certain types of insurance coverage, Tropicana occasionally may opt to retain certain risks not covered by its insurance policies. Retained risks are associated with deductible limits or self-insured retentions, partial self-insurance programs and insurance policy coverage ceilings.

Tropicana carries certain insurance policies that, in the event of certain substantial losses, may not be sufficient to pay the full current market value or current replacement cost of damaged property. As a result, if a significant event were to occur that

is not fully covered by its insurance policies, Tropicana may lose all, or a portion of, its capital invested in a property, as well as the anticipated future revenue from such property. There can be no assurance that Tropicana will not face uninsured losses pertaining to the risks it has retained. Consequently, uninsured losses may negatively affect our Gaming operations.

Tropicana may not be able to obtain sufficient insurance coverage and cannot predict whether it may encounter difficulty in collecting on any insurance claims it may submit, including claims for business interruption.

Energy price increases may adversely affect our Gaming segment due to the significant amounts of energy used in Tropicana's operations.

Tropicana's casino properties use significant amounts of electricity, oil, natural gas and other forms of energy.

Substantial increases in energy and fuel prices may negatively affect Tropicana's financial condition and results of operations in the future and, accordingly, our Gaming segment. The extent of the impact is subject to the magnitude and duration of the energy and fuel price increases, but the impact could be material. In addition, energy and gasoline price increases in cities that constitute a significant source of customers for Tropicana's properties could result in a decline in disposable income of potential customers and a corresponding decrease in visitation and spending at Tropicana's properties, which would negatively impact our Gaming segment's revenues. Further, increases in fuel prices, and resulting increases in transportation costs, could materially adversely affect our Gaming operations.

Tropicana may face potential successor liability for liabilities of the predecessors not provided for in the re-organizational plan.

Tropicana may be subject to certain liabilities of its predecessors not provided for in the re-organizational plan. Such liabilities may arise in a number of circumstances, including but not limited to, those where:

- a creditor of Tropicana's predecessors did not receive proper notice of the pendency of the bankruptcy case relating to the re-organizational plan or the deadline for filing claims therein; or
- the injury giving rise to, or the source of, a creditor's claim did not manifest itself in time for the creditor to file the creditor's claim.

Although Tropicana has no reason to believe that it will become subject to liabilities of Tropicana's predecessors that are not provided for in the re-organizational plan, should Tropicana become subject to such liabilities, it could materially adversely affect our Gaming segment.

Circumstances may arise whereby Tropicana may become overleveraged, which could have significant negative consequences.

As of December 31, 2015, Tropicana had total indebtedness which consisted primarily of its term loan facility.

Circumstances may arise that could cause it to become overleveraged, which could have significant negative consequences, including:

• Tropicana may be more vulnerable to a downturn in the markets in which it operates or a downturn in the economy in general;

• Tropicana may be required to dedicate a substantial portion of its cash flow from operations to payments on its indebtedness, which would limit Tropicana's ability to use cash flows to fund working capital, capital expenditures, and other general corporate requirements;

• Tropicana may be limited in its flexibility to plan for, or react to, changes in its businesses and the industry in which Tropicana operates or entry of new competitors into its markets;

• Tropicana may be placed at a competitive disadvantage compared to its competitors that have less debt;

• Tropicana may be limited in borrowing additional funds; and

• Tropicana may have difficulties in satisfying its obligations under its current indebtedness, including the Term Loan Facility.

Tropicana's indebtedness is subject to floating interest rates, which may expose it to higher interest payments.

A substantial portion of Tropicana's indebtedness is subject to floating interest rates, which makes it more vulnerable in the event of adverse economic conditions, increases in prevailing interest rates, or a downturn in its business. As of December 31, 2015, amounts outstanding under Tropicana's Term Loan Facility was subject to floating interest rates.

Tropicana currently has no hedging arrangements in place to mitigate the impact of higher interest rates. See Part II, Item 8, Notes to Consolidated Financial Statements, Note 10, "Debt - Gaming" of this Report for further discussion.

Atlantic City property tax valuations and market declines have created stress on the City of Atlantic City's ability to manage its finances and have created uncertainty about Atlantic City's fiscal solvency.

In recent years real property tax valuations and assessments of Atlantic City casinos have been significantly reduced as a result of various N.J. Tax Court proceedings involving casino properties. As a result, in 2014 the City of Atlantic City was required to significantly increase its tax rate in order to meet its municipal budget requirements, and in 2015, although the tax rate did not increase, Atlantic City is operating with a serious ongoing municipal budget deficit, that if not rectified could result in the City's inability to meet its operating costs and other financial obligations during its current fiscal year. Atlantic City casino property tax assessments are anticipated to continue to decline in future years as casinos continue to appeal excessive property valuations. In addition, in 2014 four Atlantic City casinos closed and two were sold at reduced values further eroding the municipal tax base. As a result, in late 2014 Atlantic City and the State of New Jersey began to explore various initiatives designed to stabilize casino tax payments and reduce the municipal budget in future years. In 2015 the New Jersey State Legislature passed legislation that would have created a payment in lieu of taxes ("PILOT") program for Atlantic City casinos designed to stabilize the casino real estate tax base as well as a series of other bills that would divert funds from other state programs (the CRDA and ACA) to assist Atlantic City with its municipal budget shortfalls in coming years, but the legislative package was vetoed by the Governor in January 2016. In addition, in January 2016, the emergency manager appointed by the State of New Jersey to oversee Atlantic City's government and address its financial problems issued a report, in part, criticizing the Atlantic City government for its failure to implement several key economic stabilization measures including the sale of certain city assets. As a result, legislation providing for enhanced State control of City of Atlantic City finances was introduced in the Legislature in February 2016. In addition, revised PILOT legislation that is being considered would include a diversion of certain CRDA and ACA funds to assist Atlantic City with its municipal budget deficits. If a legislative package is not enacted and Atlantic City is unable to maintain fiscal stability it could have an adverse impact on the Atlantic City casino industry including Tropicana's Tropicana AC property.

Mining

Our Mining segment's financial performance is dependent on the global price of iron ore and global demand levels for iron ore.

The economic viability of Ferrous Resources' business is highly dependent on the market price of iron ore. Ferrous Resources' longer-term strategy is to produce and sell iron ore products in the domestic Brazilian market, as well as to the export markets, principally China, Japan, Korea, the Middle East and potentially Europe. The future revenues Ferrous Resources will be able to achieve from the sale of iron ore products will depend on Brazilian and global demand levels for iron ore, iron ore international sales prices, the type of iron ore product it sells and the iron (Fe) content of those products. Iron ore prices (including sale prices in Brazil) are largely driven by global demand for crude steel, the primary driver for iron ore demand. Part of Ferrous Resources iron ore export sales are made pursuant to supply contracts, the sales prices for which are determined based on market price indices and will be subject to certain discounts or premiums (depending on the quality of final product) and periodic price adjustments.

Global demand for iron ore products and related sales prices have historically varied, and are expected to continue to vary according to the worldwide demand for iron ore and steel, which in turn, is likely to be heavily influenced by worldwide economic activity and global iron ore supply levels. Iron ore demand may also be impacted by regulatory tariffs in effect in major importing or exporting countries. Global iron ore price levels directly impact Ferrous Resources' sales prices. International iron ore prices have been volatile in recent years, falling from roughly \$135 per dry metric ton ("dmt") in average in 2013 to an average of \$97/dmt in 2014 and reached \$39/dmt in 2015. Iron ore was trading at an average of approximately \$47/dmt in the fourth quarter of 2015.

Worldwide prices for iron ore have been mainly determined via a spot pricing mechanism and the sales prices for the products sold by Ferrous Resources are generally determined based on market price indices considered as reference for the seaborne iron ore market.

A number of factors beyond Ferrous Resources' control will impact contract and spot iron ore prices and the price which Ferrous Resources may receive for its iron ore production, most notably the levels of worldwide steel production and demand for steel products, the level of worldwide production of iron ore products, the relationship between the major iron ore producers and consumers and government tariffs.

More recently, oversupply in the global markets for iron ore contributed to a steep decline in price levels for iron ore of the grades produced at Esperança and Santanense (two of Ferrous Resources' properties) falling below the level necessary to make continuation of mining activities at these properties at current conditions economically viable. In March 2015 the Esperança and Santanense mines ceased production and were put in care and maintenance. If iron ore oversupply levels continue to keep prices at depressed levels or decline further or if transportation, port, agency

or processing costs were to increase or fail to decline in proportion to the reduction in iron ore prices, Ferrous Resources may not be able to economically produce and sell iron ore from its Viga mine which could result in Ferrous Resources delaying, suspending, reducing or ceasing production activities, which would have a material adverse effect on our Mining segment's business, results of operations, financial condition and prospects.

Ferrous Resources has limited cash available and is currently not profitable.

Ferrous Resources' cash levels dropped from \$56 million at December 31, 2014 to \$14 million at December 31, 2015 primarily due to lower iron ore selling prices, costs associated with the suspension of operations at its Santanense and Esperança mines and essential capital expenditures at its Viga mine. Ferrous Resources' Viga mine, which is currently its only operating mine, is operating at marginal levels of profitability that are not able to support Ferrous Resources' care and maintenance costs at its other mines as well as its corporate overhead. There is no assurance that Ferrous Resources will not run out of cash in the near future resulting in a material adverse effect on our Mining segment's results of operations and financial condition.

The iron ore industry is intensely competitive and Ferrous Resources may experience pricing pressure and have difficulty effectively competing with other iron ore mining companies.

The iron ore industry is characterized by intense competition and a high level of market concentration. Ferrous Resources competes with a number of large international mining companies, many of which have mineral and financial resources substantially greater than those of Ferrous Resources. Industry competitors may acquire additional exploration rights over iron ore deposits, with an added advantage of scale in their businesses, reduced costs and proprietary logistics systems and may engage in pricing or other financial or operational practices that will increase competitive pressure on Ferrous Resources. Competition from foreign direct investment in Ferrous Resources' domestic competitors or continued market concentration could result in Ferrous Resource experiencing difficulty establishing or increasing market share and could have a material adverse effect on our Mining segment's business, results of operations, financial condition.

In addition, if iron ore prices decline further or remain depressed for an extended period, Ferrous Resources may no longer be able to fund its current operations and be forced to suspend or cease operations. Any such suspension or termination in operations will require substantial suspension or shutdown costs including social, environmental remediation and contract breakage costs. Such costs may exceed the cash available to Ferrous Resources without sales of its core mining assets. Asset sales effected in a market downturn typically do not result in favorable prices and could result in the complete liquidation of Ferrous Resources without fully satisfying its remaining obligations. Exchange rate instability and changes in the value of the Brazilian real relative to the U.S. dollar and other foreign currencies may adversely affect our Mining segment's financial condition and results of operations.

The Brazilian currency has been devalued frequently over the past four decades. Throughout this period, the Brazilian government has implemented various economic plans and exchange rate policies, including sudden devaluations, periodic small devaluations (during which the frequency of adjustments has ranged from daily to monthly), exchange controls, dual exchange rate markets and a floating exchange rate system. From time to time, there have been significant fluctuations in the exchange rate between the Brazilian currency and the U.S. dollar and other currencies. For example, the Brazilian real hit a 5-year high of R\$1.5375 to US\$1.00 in July 2011 and a 12-year low of R\$4.1949 to US\$1.00 in September 2015. There can be no assurance that the currency will not fall in value against the U.S. dollar in the future.

Depreciation of the Brazilian real against the U.S. dollar could create additional inflationary pressures in Brazil. Depreciation generally makes it more difficult to access foreign financial markets and may prompt government intervention, including recessionary economic policies. Conversely, appreciation of the Brazilian real against the U.S. dollar may lead to the deterioration of Brazil's current account and balance of payments as well as hinder the growth of exports.

Ferrous Resources' functional and reporting currency is the U.S. dollar. Ferrous Resources expects that most of its revenues will be denominated in U.S. dollars, while most of its costs (other than expenses related to debt servicing, which are likely to be U.S. dollar-denominated) will be denominated in Brazilian reais. Ferrous Resources also expects to hold certain assets and incur certain liabilities in other foreign currencies. Consequently, increases in the value of the Brazilian real and other foreign currencies relative to the U.S. dollar may result in a reduction in Ferrous Resources' reported profits. In addition, because Ferrous Resources' functional currency is the U.S. dollar, both at a

consolidated and operating company level, Ferrous Resources must translate Brazilian real denominated assets and liabilities into U.S. dollars. To do so, non-U.S. dollar denominated monetary assets and liabilities are translated into U.S. dollars using the closing exchange rate at the date of the balance sheets. Consequently, increases or decreases in the value of the U.S. dollar versus the Brazilian real and other foreign currencies may affect Ferrous Resources' assets and liabilities in Ferrous Resources' balance sheets. Depreciation of the U.S. dollar versus such foreign currencies will increase the value of assets and liabilities on Ferrous Resources' balance sheets while appreciation of the U.S. dollar versus such foreign currencies will decrease the value of assets and liabilities on Ferrous Resources' balance sheets. Appreciation of the Brazilian real against the U.S. dollar would cause Ferrous Resources' projected

capital and operating costs (as expressed in U.S. dollars) to increase. Any of the foregoing could adversely affect our Mining segment's business, financial condition and results of operations.

Ferrous Resources may experience delays in implementing its Viga mining plan or may not be able to implement it in its current form.

Ferrous Resources will need to raise a substantial amount of equity and debt financing to build both the Viga 4+ Project and the Viga 17 Project. Only if both projects are successfully financed and completed does Ferrous Resources' business plan target production of iron ore at a rate of 21 million metric tons per year from the Viga Property. While Ferrous Resources currently either owns or has access to the required areas to develop the Viga 21 Project, which covers a total of approximately 2,671 hectares, part of the project area is subject to judicial proceedings relating to challenges over possession rights in such areas. The disputed areas cover approximately 4.7 hectares, which corresponds to approximately 0.46% of the total project area. Ferrous Resources intends to request the Brazilian National Department of Mineral Production ("DNPM") to grant easements over the areas to Ferrous Resources and will seek other legal measures to retain possession of such areas. However, there can be no assurances that the DNPM will grant such easements or that Ferrous Resources will be successful in retaining possession of the areas within the timeframe required by Ferrous Resources' business plan. If Ferrous Resources is unsuccessful in its efforts to secure such rights, it would limit its ability to mine approximately 9% of the otherwise mineable ore reserves at the Viga Property.

Our Mining segment's business plans will require substantial capital investment. Actual capital expenditure requirements may be higher than expected and Ferrous Resources may have difficulty obtaining required financing. Ferrous Resources will need to make substantial capital investments in order to develop the Viga 17 Project and related processing and infrastructure. Ferrous Resources currently projects that implementing the Viga 17 Project will require total capital expenditures of approximately \$1.2 billion. Ferrous Resources intends to make such capital investments in the Viga 17 Project only if it is successful in raising the necessary equity and debt financing to fund such capital expenditures.

Also, in order to fund capital expenditures required to complete the Viga 4+ Project, Ferrous Resources expects to require additional equity funding together with additional debt. Ferrous Resources may be unable to obtain equity or debt financing in the amounts required in a timely manner, on commercially acceptable terms or at all. If Ferrous Resources is unable to obtain sufficient equity and debt financing in a timely manner the Viga 4+ Project may not be completed.

As indicated above, Ferrous Resources will require additional equity and debt financing to fund the capital expenditures anticipated to be required to complete the Viga 17 Project. Ferrous Resources' business plan for the development of the Viga 17 Project is in large part supported by the analysis performed and included in certain feasibility studies. Certain feasibility studies were prepared based on the construction work required to complete the Viga 17 Project commencing in March 2015. As of the date of this Report, Ferrous Resources has not secured the necessary additional equity and debt financing to fund the capital expenditures.

There can be no assurance that Ferrous Resources will be successful in raising the equity or debt financing necessary to complete the Viga 4+ Project or the Viga 17 Project in a timely manner, on commercially acceptable terms or at all. In addition, Ferrous Resources may also have to raise financing in excess of that anticipated to complete the Viga 4+ Project and the Viga 17 Project if there are cost overruns. There can be no assurance that Ferrous Resources will be successful in its efforts to raise such financing or that the terms of any such financing may not be materially less favorable to Ferrous Resources than currently anticipated.

Ferrous Resources is also actively considering a number of strategies to increase profitability. To the extent that Ferrous Resources decides to implement these or other projects, Ferrous Resources' capital expenditure requirements could increase. To the extent the capital expenditures required to implement any of these projects exceed available cash flow, Ferrous Resources may have to maintain bank debt at higher levels or for a longer period of time than currently anticipated. Moreover, if bank debt is not available on acceptable terms, or at all, Ferrous Resources may be unable to undertake these projects.

Ferrous Resources' longer term capital expenditure requirements may prove to be significantly higher than its projected capital expenditure requirements, including due to the occurrence of identified potential contingencies.

If Ferrous Resources' capital expenditure requirements prove to be significantly higher than expected it could have a material adverse effect on our Mining segment's ability to realize its business plan and on its business, results of operations and financial condition. In addition, if Ferrous Resources fails to generate or obtain sufficient capital resources to establish, develop and operate its business, its business could fail, or Ferrous Resources could be forced to reduce or delay capital expenditures, sell assets or re-structure future indebtedness, which could materially and adversely affect our Mining segment's business, results of operations, financial condition.

Our Mining segment may not be able to maintain the mining, environmental or other licenses and authorizations necessary to conduct iron ore exploration, mining and production activities.

The licensing regime in Brazil for the exploration, extraction and production of minerals is governed primarily by the Brazilian Mining Code (“Mining Code”) and regulations issued thereunder. The conduct of exploration, mining or mineral processing activities in Brazil requires numerous permits, licenses and authorizations from various Brazilian government agencies, including the DNPM, and relevant state environmental agencies at each phase of mining activity. Ferrous Resources holds all of the mining, environmental licenses and water extraction permits and/or authorizations required to conduct its current mining and processing activities, as well as the licenses, permits and authorizations required for the construction and implementation of its planned Viga 17 Project, but not all of the required licenses, permits or authorizations for the projects not included in Ferrous Resources’ immediate plans. Further, Ferrous Resources’ licenses, permits and/or authorizations may be revoked if Ferrous Resources fails to comply with certain prescribed requirements. There can be no assurance that Ferrous Resources will be able to obtain or maintain the necessary licenses, permits and/or authorizations to implement its business plan on a timely or favorable basis, or at all and any failure to do so could have a material adverse effect on our Mining segment’s business, results of operations, financial condition.

Our Mining segment may experience difficulties or delays in accessing transportation infrastructure necessary in order for it to transport or export iron ore products at a commercially viable price, or at all.

In order for Ferrous Resources to achieve its objective of becoming a large-scale iron ore producer and exporter, it will need to ensure it can transport iron ore product to a port at a commercially viable price for onward export by sea. Ferrous Resources currently has short-term access to certain port and rail facilities and is exporting some of its production, but this is not a guarantee that Ferrous Resources will continue to have such access to port and rail on a long-term basis. Ferrous Resources does not currently have long-term port and rail agreements in place and may not be able to finalize such agreements to secure transport of its product to export markets at commercially viable costs or at all.

Delays to Ferrous Resources’ ability to secure long-term port or rail agreements at commercially reasonable levels would likely result in delays to Ferrous Resources commencing large-scale export activities. Depending on international iron ore prices, this might have a corresponding adverse impact on revenue generation and cash flow from operating activities. Unforeseen difficulties in securing access to the planned transportation infrastructure owned by third parties could also result in our Mining segment’s operating expenditures being higher than projected.

Our Mining segment’s operations are subject to extensive environmental risks inherent to the mining and iron ore processing industry.

Ferrous Resources’ operations are or may become subject to potential risks and liabilities associated with pollution of the environment and the disposal of waste products that may occur as a result of its mineral exploration, development and production, including damage to preservation areas, over-development or extraction and accidental spills and leakages. Such potential liabilities include not only the obligation to remedy environmental damage and indemnify affected third parties, but also the imposition of court judgments, administrative penalties and criminal sanctions against Ferrous Resources and its employees and executive officers. Ferrous Resources has also conducted environmental reclamation work in certain of its properties as a result of inherited environmental problems caused by historic mining activities, and is required to conduct ongoing work agreed with Brazilian environmental authorities as a result of its current operations. As Ferrous Resources conducts this reclamation work, or if it is required to complete more extensive work as a result of new or revised regulatory requirements, Ferrous Resources may experience increased costs and limited production at these sites and may be required to complete such reclamation work before it receives any financial returns from its properties. In addition, if Ferrous Resources is unable to fully remedy an environmental problem, it may be required to suspend operations or enter into interim compliance measures pending completion of the required remedy which may result in increased costs and reduced production rates.

During the conduct of its operations, Ferrous Resources is subject to regular inspections and spot checks by various regulators, including the DNPM and environmental regulators, and reporting requirements for a range of issues relating to environmental pollution. Ferrous Resources must also comply with maximum acceptable concentrations, as determined by the Brazilian state authorities, for air quality, water quality, soils and sediments. Any issues identified in such inspections or reporting processes and/or any breach of these requirements could have a material adverse

effect on our Mining segment's business, results of operations, financial condition.

Our Mining segment's mineral resources are based on estimates and it may not be able to convert them into reserves or actual production.

Ferrous Resources' mineral resources are based on estimates only, and no assurance can be given that the estimated quantities or grades of iron ore will be converted into reserves at the anticipated conversion rates or at all, or that particular levels of recovery and production of iron ore will be realized. Calculation of mineral resource estimates is a subjective process of approximation of underground mineral deposits that cannot be measured in an exact manner, and the accuracy of any

resource estimate is a function of the quality of available data and engineering and geological interpretation and judgment. The estimates of Ferrous Resources' mineral resources have been derived on the basis of assays of drilled samples to which established methods of estimating measured, indicated and inferred mineral resources have been applied. However, there is uncertainty in any mineral resource estimate and subsequent results of actual mining and production operations may lead to revisions of initial estimates or to the realization that the mineral resource estimates do not convert into proven or probable reserves at the expected conversion rates or at all. Moreover, fluctuations in the market price of iron ore, reduced recovery rates or increased production costs due to inflation or other factors may render resources uneconomically viable to extract. The estimated mineral resources should not be interpreted as an assurance of reserves of the commercial viability, potential or profitability of any future operations. If the estimated mineral resources prove inaccurate, this would have a material adverse effect on our Mining segment's business, operating results, financial condition.

Our Mining segment may face uncertainties relating to the identification of viable ore bodies at future exploration sites.

Ferrous Resources may need to identify, access and develop additional mineral deposits, resources and reserves in order to continue its mining activities beyond what is envisaged in its current business plan upon the depletion of the anticipated mineral resources at its properties. Future exploration programs may fail to result in the development of resources and reserves or in the expansion or replacement of reserves depleted by production. Any mineral exploration program requires locating economically viable ore bodies, identifying appropriate metallurgical processes, obtaining required governmental permits and constructing mining and processing facilities. No assurance can be given that any mineral exploration program that Ferrous Resources may choose to develop will result in the discovery of new resources and reserves or the establishment or continuation of an economically viable mine.

Our Mining segment's ability to construct and implement its projects depends on the provision of important services and equipment by third parties.

Ferrous Resources depends heavily on third-party contractors and consultants for the provision of certain services, such as project management, engineering, construction, process design and planning, as well as third-party providers of mining equipment in order to develop its properties and conduct its operations. Ferrous Resources has entered into, or is in the process of negotiating, arrangements for certain of these services, such as process design and engineering; however, there can be no assurance that Ferrous Resources will be able to secure on a timely manner or on commercially acceptable terms or at all the provision of all the services that it will need to be successful or that the arrangements it does enter into will be sufficient for Ferrous Resources' future needs or will not be interrupted or cease altogether. In particular, certain of Ferrous Resources' equipment rental and other service contracts may be terminable at will by the service provider.

In addition, certain of the services required for Ferrous Resources' operations and strategic developments are or may in the future be available on commercially reasonable terms only from a limited number of providers. In particular, Ferrous Resources may encounter difficulty in securing the services of specialized contractors due to high demand for those services resulting from significant competition from other mining companies operating in the Iron Ore Quadrangle in the State of Minas Gerais, Brazil. Ferrous Resources' business may be negatively affected by the failure or delay of third parties in supplying these services, by any change to the terms on which these services are made available by third-party providers or by third-party providers failing to provide services that meet Ferrous Resources' quality requirements.

If Ferrous Resources is forced to change a provider of such services, it may experience additional costs, interruptions to supply continuity or other adverse effects on its business. There also can be no assurance that Ferrous Resources would be able to find adequate replacement services on a timely basis or at all. Should Ferrous Resources be unable to acquire or retain providers of key services on favorable terms, or should there be interruptions to, or inadequacies with, any services provided, this could have a material adverse effect on our Mining segment's business, results of operations, financial condition.

Our Mining segment's compliance with health and safety laws may require increased capital expenditures, and non-compliance may subject it to significant penalties.

Ferrous Resources is required to comply with a range of health and safety laws and regulations in connection with its business activities. A violation of health and safety laws relating to a mine, or at a processing or other plant, or a

failure to comply with the instructions of the relevant health and safety authorities, could lead to, amongst other things, a temporary shutdown of all or a portion of the mine or of a processing or other plant; a loss by Ferrous Resources of its right to mine or operate a processing or other plant, or the imposition of costly compliance measures. If health and safety authorities require Ferrous Resources to shut down all or a portion of a mine or a processing or other plant or to implement costly compliance measures, whether pursuant to existing or new health and safety laws and regulations, or the more stringent enforcement of existing laws and regulations, such measures could have a material adverse effect on our Mining segment's business, results of operations, financial condition.

Our Mining segment's surface rights, mineral rights or ownership rights to companies holding mineral rights or surface rights, have been and may in the future be challenged by prior owners, bankruptcy trustees and creditors of prior owners, among others, and may give rise to various successor liabilities.

Some of Ferrous Resources' surface rights and mineral rights which Ferrous Resources has acquired in the past have been the subject of disputes by third parties challenging Ferrous Resources' or a previous owner' ownership rights. Companies, surface rights and mineral rights that Ferrous Resources acquires in the future may be or become subject to similar claims. Third parties may have known or unknown valid claims relating to portions of Ferrous Resources' interests, including prior unregistered liens, agreements, transfers or claims, and title may be affected by, among other things, undetected defects. In particular, Ferrous Resources has acquired, and may acquire, companies, surface rights or mineral rights that are the subject of debt restructuring or bankruptcy proceedings. Under Brazilian law, claims may be brought challenging subsequent transfers of assets or rights that were previously subject to or indirectly involved in debt restructuring or bankruptcy proceedings, or attempting to link the debt restructuring or bankruptcy proceedings and such subsequent transfers.

If historical transfers are successfully challenged or if Ferrous Resources is unsuccessful in defending against easement or adverse possession claims or other unknown successor liabilities, it risks losing its ownership interest in such assets or rights, having its ability to use them impeded or becoming liable for unanticipated liabilities or penalties, each of which could have a material adverse effect on our Mining segment's business, financial condition, results of operations.

Our Mining segment's business is subject to the risk of operational disruptions, damage to property or injury to persons.

Ferrous Resources' business operations, like those of other mining companies, are subject to a number of risks and hazards, including industrial and railway accidents, rock falls, environmental hazards, power outages, equipment failures, unusual or unexpected geological conditions, severe weather conditions and other natural phenomena or "acts of God." Ferrous Resources already engages and intends to continue to engage primarily in open pit mining of its mineral rights areas. In conducting and developing its open pit mining operations, Ferrous Resources must from time to time take certain measures to prepare the mineral rights areas including environmental reclamation, excavation, clearing and pit wall support works. Hazards associated with preparatory mining works and open pit mining include accidents involving the operation of open pit mining and rock transportation equipment, the preparation and ignition of large-scale open pit blasting operations, the collapse of open pit walls and the flooding of open pits. Ferrous Resources' operations currently require the removal of groundwater during mining, which may give rise to additional hazards including, but not limited to, accidents and flooding.

Ferrous Resources also faces risks with respect to its processing activities. Hazards associated with processing include the risk of accidents caused by operating crushing and concentrating plants and equipment.

Ferrous Resources may experience mine or plant shutdowns or periods of reduced production as a result of any of the above factors. Such factors could also result in material damage to, or the destruction of, mineral properties or production facilities, human exposure to pollution, personal injury or death, environmental and natural resource damage, delays in mining, delays in shipment, monetary losses and possible legal liability, each of which could have a material adverse effect on our Mining segment's business, results of operations, financial condition.

Our Mining segment may face uninsured costs and liabilities.

Ferrous Resources, as a participant in exploration and mining programs, may become subject to liability for hazards for which it cannot be insured, which could exceed policy limits or against which it may elect not to be insured due to high premium costs. These risks include but are not limited to industrial accidents, railway accidents, rock falls, environmental hazards, power outages, equipment failures, unusual or unexpected geological conditions, severe weather conditions and other natural phenomena or "acts of God." These events may damage or destroy mining properties, production facilities, transport facilities and equipment, as well as lead to personal injury or death, environmental damage, waste from intermediary products or resources, mining, production or transportation delays and monetary losses or legal liability. There is no assurance that Ferrous Resources will be able to rebuild damaged property in a timely manner or at all.

Ferrous Resources has limited insurance coverage for most of its plant and facilities, for business interruption, for third-party liability in respect of property and for environmental damage arising from accidents on its property or

relating to its operations. Ferrous Resources intends to obtain additional comprehensive insurance coverage in the future in relation to its sites to the extent Ferrous Resources believes necessary as Ferrous Resources further develop its mining projects. However, there is no guarantee that Ferrous Resources will be able to secure adequate levels of insurance coverage on economically viable terms or at all. Moreover, there is no assurance that Ferrous Resources will be able to maintain existing levels of insurance in the future at rates it considers to be reasonable. To the extent that Ferrous Resources is unable, or elects not, to obtain full insurance coverage, there is a risk that losses and liabilities arising from such events could significantly increase its costs and have a material adverse effect on our Mining segment's business, results of operations, financial condition.

Our Mining segment's financial condition may be adversely affected by changes in applicable taxation regimes or in the taxation residence.

The board of directors of Ferrous Resources currently conducts and intends to continue to conduct the affairs of Ferrous Resources in a manner such that it is treated as resident in the Isle of Man for Isle of Man tax purposes. This means, broadly, that Ferrous Resources' profits, income and gains will be subject to the Isle of Man tax regime. Any dividends paid Ferrous Resources will be regarded as Isle of Man dividends.

It is possible that in the future, whether as a result of a change of law or the practice of any relevant tax authority, or as a result of any change in the management or the conduct of Ferrous Resources' affairs, it could become, or be treated as having become, resident in a jurisdiction other than the Isle of Man, therefore becoming subject to the tax regime of a jurisdiction other than the Isle of Man. This could materially adversely affect our Mining segment's operations.

Fluctuations in the global economy may have an adverse effect on the Brazilian economy and our Mining segment's operations.

Brazil's economy is influenced, to varying degrees, by economic and market conditions in the global economy, both in other emerging markets and in developed countries, and especially other Latin American countries. The reaction of investors to developments in one country may cause the capital markets in other countries to fluctuate. Continuing uncertainty can reduce the confidence of international investors and bring volatility to the markets. Recent economic uncertainty and volatility appears to have impaired parts of the global economy and, indirectly, the growth of emerging markets, including Brazil, which have recently experienced slower growth. Negative effects of the global economy and the Brazilian economy could lead to reduced liquidity, crashes in the credit markets and economic recession or decelerated growth in Brazil, which in turn could negatively affect our Mining segment's business, results of operations, financial condition.

In addition, as Brazil is a major producer and exporter of metal and agricultural products, the Brazilian economy is especially vulnerable to declines in world commodity prices and the imposition of import tariffs by the United States, the European Union or other major export markets, such as China. An increase in import tariffs may decrease demand for products exported by Brazilian companies. Any such developments may have a negative effect on the Brazilian economy and thus on our Mining segment's business, results of operations, financial condition.

All of the operations of our Mining segment are in Brazil or are related to Brazilian assets, and therefore Brazilian economic and political conditions may adversely affect our Mining segment's financial condition and results of operations.

All operations of Ferrous Resources are in Brazil or are related to Brazilian assets. Accordingly, its financial condition, results of operations and prospects are substantially dependent on Brazil' economy, which in the past has been characterized by frequent and occasionally drastic intervention by the Brazilian government as well as volatile economic cycles. Ferrous Resources' business, results of operations, financial condition and prospects may be adversely affected by, among others, the following economic, social and political conditions in Brazil:

- interest rate and currency exchange rate fluctuations;
- the supply and price of energy;
- inflation;
- exchange controls and restrictions (including restrictions on remittance of dividends);
- monetary policy;
- tax policy;
- environmental policy;
- policies impacting Brazil' logistical infrastructure;
- liquidity of domestic capital and lending markets;
- social and political instability;
- policies and actions to combat corruption and kickback practices; and
- other political, diplomatic, social and economic developments in or affecting Brazil.

The Brazilian government frequently intervenes to address various economic, social and political conditions occurring in Brazil and the Brazilian government has often changed monetary, taxation, credit, tariff and other policies to influence the Brazilian economy. For example, the Brazilian government actions to control inflation and stabilize the

economy have in the past involved the setting of wage and price controls and fluctuation in the Brazilian Central Bank base interest rates, blocking access to bank accounts, imposing exchange controls and limiting imports into Brazil. Actions taken by the Brazilian government concerning the economy may have significant effects on Brazilian companies, including Ferrous Resources. For example, in the past, the Brazilian government maintained domestic price controls, and Ferrous Resources cannot assure you that price controls will not be re-imposed in the future, which could have a material adverse effect on our Mining segment. Our Mining segment's financial condition and results of operations may also be materially and adversely affected by the following

factors and the Brazilian government actions in response to them:

- interest rate and currency exchange rate fluctuations;
- the supply and price of energy;
- inflation;
- exchange controls and restrictions (including restrictions on remittance of dividends);
- monetary policy;
- tax policy;
- environmental policy;
- policies impacting Brazil's logistical infrastructure;
- liquidity of domestic capital and lending markets;
- social and political instability;
- policies and actions to combat corruption and kickback practices; and
- other political, diplomatic, social and economic developments in or affecting Brazil.

Ferrous Resources has no control over these factors, and cannot predict what policies or actions the Brazilian government may take in the future and whether these policies will negatively affect the economy and our Mining segment's business, financial condition and results of operations.

Uncertainty over whether the Brazilian government will implement changes in policies or regulations affecting these or other factors in the future may contribute to economic uncertainty in Brazil and to heightened volatility of Brazilian companies. Historically, the political situation in Brazil has impacted the performance of the Brazilian economy. Past political crises have affected the confidence of investors and the public, generally resulting in an economic slowdown and volatility of securities offered by Brazilian companies. The current political situation in Brazil is highly uncertain, diminishing expectations for a near term recovery of its economy.

During 2015, the Brazilian Central Bank reduced the growth outlook for 2016. In addition, Standard & Poor and Fitch downgraded Brazil's long-term debt rating to BB+ during 2015. The downgrades of Brazil's long-term credit rating limit Ferrous Resources' ability to access funding and increase its borrowing costs, thereby adversely impacting our Mining segment's business, results of operations, financial condition.

Food Packaging

Viskase faces competitors that are better capitalized than it is, and the continuous-flow nature of the casings manufacturing process forces competitors to compete based on price in order to maintain volume, which could adversely affect our Food Packaging operations.

Viskase faces competition in the United States and internationally from competitors that may have substantially greater financial resources than it has. The cellulosic casings industry includes competitors that are larger and better capitalized than Viskase is. Currently, Viskase's primary competitors include Viscofan, S.A., Kalle Nalo GmbH and VT Holding Group, although new competitors could enter the market or competing products could be introduced. The continuous-flow nature of the casings manufacturing process has historically required competitors in its industry to compete based on price in order to maintain volume, which could result in lower pricing. Viskase believes the current and planned cellulosic production capacity in its industry exceeds global demand, and will continue to do so in the near term. Viskase attempts to differentiate its products on the basis of product quality and performance, product development, service, sales and distribution, but Viskase and competitors in its industry have used price as a competitive factor in an attempt to obtain greater volumes. If prices decline, Viskase may not be able to achieve profitability, whereas certain of its competitors who are better capitalized may be positioned to absorb such price declines. Any of these factors could adversely affect our Food Packaging operations.

Viskase receives its raw materials from a limited number of suppliers, and problems with its suppliers could impair its ability to meet its customers' product demands.

Viskase's principal raw materials, paper and pulp, constitute an important aspect and cost factor of its operations.

Viskase generally purchases its paper and pulp from a single source or a small number of suppliers. Any inability of its suppliers to timely deliver raw materials or any unanticipated adverse change in its suppliers could be disruptive and costly to Viskase. Viskase's inability to obtain raw materials from its suppliers would require it to seek alternative

sources. These alternative sources may not be adequate for all of Viskase's raw material needs, nor may adequate raw material substitutes exist in a form that its processes could be modified to use. These risks could materially and adversely affect our Food Packaging operations.

Viskase's failure to efficiently respond to industry changes in casings technology could jeopardize its ability to retain its customers and maintain its market share.

Viskase and other participants in its industry have considered alternatives to cellulosic casings for many years. As resin technology improves or other technologies develop, alternative casings or other manufacturing methods may be developed that threaten the long-term sustainability and profitability of Viskase's cellulosic casings, which is its core product, and its fibrous casings. Viskase's failure to anticipate, develop or efficiently and timely integrate new technologies that provide viable alternatives to cellulosic casings, including plastic and film alternatives, may cause it to lose customers and market share to competitors integrating such technologies, which, in turn, would negatively impact our Food Packaging operations.

Sales of Viskase's products could be negatively affected by problems or concerns with the safety and quality of food products.

Viskase could be adversely affected if consumers in the food markets were to lose confidence in the safety and quality of meat or poultry products, particularly with respect to processed meat or poultry products for which casings are used, such as hot dogs, deli meats and sausages. Outbreaks of, or even adverse publicity about the possibility of, diseases such as avian influenza and "mad cow disease," food-borne pathogens, such as E. coli and listeria, and any other food safety problems or concerns relating to meat and poultry products may discourage consumers from buying such products. These risks could also result in additional governmental regulations, or cause production and delivery disruptions or product recalls. Each of these risks could adversely affect our Food Packaging operations.

Business interruptions at any of Viskase's production facilities could increase its operating costs, decrease its sales or cause it to lose customers.

The reliability of Viskase's production facilities is critical to the success of its business. In recent years, Viskase has streamlined its productive capacity to be better aligned with its sales volumes. At current operating levels, Viskase has little or no excess production capacity for certain products. If the operations of any of its manufacturing facilities were interrupted or significantly delayed for any reason, including labor stoppages, Viskase may be unable to shift production to another facility without incurring a significant drop in production. Such a drop in production would negatively affect its sales and its relationships with its customers.

Viskase's international sales and operations expose it to political and economic risks in foreign countries, as well as to risks related to currency fluctuations, all of which could impair its ability to do business at the international level.

Viskase currently has manufacturing or sales and distribution centers in six foreign countries: Brazil, France, Italy, Mexico, Philippines and Poland. Its international sales and operations may be subject to various political and economic risks, including, but not limited to, possible unfavorable exchange rate fluctuations or hyperinflation; changes in a country's or region's political or economic conditions; governmental regulations, including import and export controls; tariffs; limits on the repatriation of funds; and taxes. Viskase's sales to customers located outside the United States generally are subject to taxes on the repatriation of funds. In addition, international operations in certain parts of the world may be subject to international balance of payments difficulties that may raise the possibility of delay or loss in the collection of accounts receivable from sales to customers in those countries. Historically, net sales to customers located outside the United States represent the majority of Viskase's total net sales.

Should any of these risks occur, it could impair Viskase's ability to export its products or conduct sales to customers located outside of the United States and result in a loss of sales and profits from its international operations.

Continued consolidation of Viskase's customers and increasing competition for those customers may put pressure on its sales volumes and revenues.

In recent years, the trend among Viskase's customers has been towards consolidation within the meat processing industry. These consolidations have enhanced the purchasing power of its customers who, not being contractually obligated to purchase its products, tend to exert increased pressure with respect to pricing terms, product quality and new products. As Viskase's customer base continues to consolidate, the already high level of competition for the business of fewer customers is expected to intensify. If Viskase does not continue to enhance the value of its product offering in a way that provides greater benefit to its customers, Viskase's sales volumes and revenues could decrease.

Viskase's intellectual property rights may be inadequate or violated, or it may be subject to claims of infringement, both of which could negatively affect its financial condition.

Viskase relies on a combination of trademarks, patents, trade secret rights and other rights to protect its intellectual property. Viskase's trademark or patent applications may not be approved and its trademarks or patents may be challenged by third parties. Viskase cannot be certain that the steps it has taken will prevent the misappropriation of its intellectual property, particularly in foreign countries where the laws may not protect its rights as fully as the laws of the United States. From time to

time, it has been necessary for Viskase to enforce its intellectual property rights against infringements by third parties, and Viskase expects to continue to do so in the ordinary course of its business. Viskase also may be subjected to claims by others that it has violated their intellectual property rights. Even if Viskase prevails, third party-initiated or company-initiated claims may be time consuming and expensive to resolve, and may result in a diversion of Viskase's time and resources. The occurrence of any of these factors could diminish the value of its trademark, patent and intellectual property portfolio, increase competition within its industry and negatively impact its sales volume and revenues.

A substantial portion of Viskase's business is conducted through foreign subsidiaries, and its failure to generate sufficient cash flow from these subsidiaries, or otherwise repatriate or receive cash from these subsidiaries, could result in its inability to repay its indebtedness.

Viskase's sales to customers located outside the United States are conducted primarily through subsidiaries organized under the laws of jurisdictions outside of the United States. Viskase's ability to meet its debt service obligations with cash from foreign subsidiaries will depend upon the results of operations of these subsidiaries and may be subject to contractual or other restrictions and other business considerations. In particular, to the extent Viskase's foreign subsidiaries incur additional indebtedness to expand its operations, the ability of its foreign subsidiaries to provide us cash may be limited. In addition, dividend and interest payments to Viskase from its foreign subsidiaries may be subject to foreign withholding taxes, which would reduce the amount of funds it receives from such foreign subsidiaries. Dividends and other distributions from Viskase's foreign subsidiaries may also be subject to fluctuations in currency exchange rates and restrictions on repatriation, which could further reduce the amount of funds it receives from such foreign subsidiaries.

Real Estate

Economic downturns may have an adverse effect on the real estate market more than on other industries and its recovery may lag behind the economy as a whole.

Sales of our vacation properties in New Seabury, Massachusetts and Florida rely heavily on favorable credit markets and a robust economy. Sale or leasing, including lease renewals, of the commercial properties in our net lease portfolio also rely heavily on financially healthy buyers and tenants. During economic downturns, the value of our real estate portfolio may decline. We cannot assure that our Real Estate operations will be able to recoup its investments in its residential properties or continue to sell or lease its commercial properties at profitable rates. If commercial real estate leases expire during an economic downturn, there can be no assurance that the renewed rents will equal or exceed prior rents, and cost of tenant improvements and other costs would adversely impact property values.

Our investment in property development may be more costly than anticipated.

Our Real Estate segment has invested and expects to continue to invest in unentitled land, undeveloped land and distressed development properties. These properties involve more risk than properties on which development has been completed. Unentitled land may not be approved for development. These investments do not generate any operating revenue, while costs are incurred to obtain government approvals and develop the properties. Construction may not be completed within budget or as scheduled and projected rental levels or sales prices may not be achieved and other unpredictable contingencies beyond the control of our Real Estate operations could occur. Our Real Estate segment will not be able to recoup any of such costs until such time as these properties, or parcels thereof, are either disposed of or developed into income-producing assets.

Our Real Estate operations may face adverse effects from tenant bankruptcies or insolvencies.

The bankruptcy or insolvency of tenants in our retail, industrial and office properties may adversely affect the income produced by our properties. If a tenant defaults, our Real Estate operations may experience delays and incur substantial costs in enforcing its rights as landlord. If a tenant files for bankruptcy, our Real Estate operations cannot evict the tenant solely because of such bankruptcy. A court, however, may authorize a tenant to reject or terminate its lease with us. Our Real Estate operations may also incur additional vacancy and other re-tenanting expense.

Our Real Estate operations may be subject to environmental liability as an owner or operator of development and rental real estate.

Under various federal, state and local laws, ordinances and regulations, an owner or operator of real property may become liable for the costs of removal or remediation of certain hazardous substances, pollutants and contaminants

released on, under, in or from its property. These laws often impose liability without regard to whether the owner or operator knew of, or was responsible for, the release of such substances. To the extent any such substances are found in or on any property invested in by us, our Real Estate segment could be exposed to liability and be required to incur substantial remediation costs. The presence of such substances or the failure to undertake proper remediation may adversely affect the ability to finance, refinance or dispose of such property. Our Real Estate segment generally conducts a Phase I environmental site assessment on properties in which it is considering investing. A Phase I environmental site assessment involves record review, visual site assessment and personnel

interviews, but does not typically include invasive testing procedures such as air, soil or groundwater sampling or other tests performed as part of a Phase II environmental site assessment. Accordingly, there can be no assurance that any assessments conducted will disclose all potential liabilities or that future property uses or conditions or changes in applicable environmental laws and regulations or activities at nearby properties will not result in the creation of environmental liabilities with respect to a property.

A rising interest rate environment may reduce values of rental real estate properties.

A rising interest rate environment may negatively impact values and rental rates may not be able to be raised in a timely manner or at all in order to offset the negative impact on values of increasing rates.

Government regulations and legal challenges may delay the start or completion of our Real Estate segment's development activities, increase its expenses or limit its home building activities, which could have a negative impact on our Real Estate operations.

The approval of numerous governmental authorities must be obtained in connection with our Real Estate segment's development activities, and these governmental authorities often have broad discretion in exercising their approval authority. Our Real Estate segment incurs substantial costs related to compliance with legal and regulatory requirements. Any increase in legal and regulatory requirements may cause our Real Estate segment to incur substantial additional costs, or in some cases cause it to determine that the property is not feasible for development. Various local, state and federal statutes, ordinances, rules and regulations concerning building, zoning, sales and similar matters apply to and/or affect the housing industry. Governmental regulation affects construction activities as well as sales activities, mortgage lending activities and other dealings with home buyers. The industry also has experienced an increase in state and local legislation and regulations that limit the availability or use of land. Municipalities may also restrict or place moratoriums on the availability of utilities, such as water and sewer taps. In some areas, municipalities may enact growth control initiatives, which will restrict the number of building permits available in a given year. In addition, our Real Estate segment may be required to apply for additional approvals or modify its existing approvals because of changes in local circumstances or applicable law. If municipalities in which our Real Estate segment operates take actions like these, it could have an adverse effect on Real Estate operations by causing delays, increasing their costs or limiting their ability to operate in those municipalities. Further, our Real Estate segment may experience delays and increased expenses as a result of legal challenges to our proposed communities, whether brought by governmental authorities or private parties.

Home Fashion

WPH has had a history of sales declines, net losses and negative cash flow from operations. In 2011 WPH generated positive cash flows from operations for the first time since emerging from bankruptcy in 2005 and continued to generate positive cash flows from operations in three of the subsequent four years after 2011. However, WPH can provide no assurance that it will generate income or provide positive cash flows from operations.

WPH has had a history of significant net losses. In addition, our Home Fashion segment did not generate positive cash flows from its operations until 2011 since emerging from bankruptcy in 2005. Our Home Fashion segment generated positive cash flow from operating activities in three of the four years subsequent to 2011 primarily due to changes in working capital. In addition, the sale of a joint venture contributed to the positive cash flows from operating activities in 2013.

We can provide no assurance that our Home Fashion segment will generate income or generate positive cash flows from operating activities. Unless WPH is able to generate positive cash flows from its operations, WPH will require external financing to operate its business.

In light of the recent operating performance and challenging industry conditions, our Home Fashion segment is considering various strategic alternatives which may include, without limitation, joint ventures, other forms of strategic alliances and/or a sale or divestiture of all or a significant portion of its assets.

In light of WPH's recent operating performance and challenging industry conditions, we are considering various strategic alternatives which may include, without limitation, joint ventures, other forms of strategic alliances, and/or a sale or divestiture of all or a significant portion of WPH's assets. We cannot determine whether any of these transactions will be consummated or, if so, upon what terms. Any sale of WPH may result in consideration that is materially less than the carrying value of our investment in WPH.

WPH has a limited operating history and acquired its business from the former owners through bankruptcy proceedings in 2005. Certain of the issues that contributed to WestPoint Stevens filing for bankruptcy continue to affect WPH's business operations and financial condition.

WPH commenced operations in August 2005 concurrent with the acquisition of assets from WestPoint Stevens as part of its bankruptcy reorganization. Certain of the issues that contributed to WestPoint Stevens' filing for bankruptcy, such as intense industry competition, the inability to produce goods at a cost competitive with overseas suppliers, the increasing prevalence of direct sourcing by principal customers and continued incurrence of overhead costs associated with an enterprise larger than the current business can profitably support, continue to exist and may continue to adversely affect our Home Fashion operations.

The home fashion industry is cyclical, seasonal and highly correlated to home sales.

The home fashion industry is both cyclical and seasonal, which affects WPH's performance. Traditionally, the home fashion industry is seasonal, with a peak sales season in the fall. In response to this seasonality, WPH increases its inventory levels during the first six months of the year to meet customer demands for the peak fall season. In addition, the home fashion industry is traditionally cyclical and WPH's performance may be negatively affected by downturns in consumer spending. The home fashion industry is also highly correlated to home sales, and WPH's performance has been negatively affected by the downturn in this market.

The loss of any of WPH's large customers could have an adverse effect on its business.

During 2015, WPH had four customers that accounted for approximately 64% of its net sales. The loss of any of WPH's largest accounts, or a material portion of sales to those accounts, could have an adverse effect upon WPH's business, which could be material.

A substantial portion of WPH's sales are derived from licensed designer brands. The loss of a significant license could have an adverse effect on its business.

A substantial portion of WPH's sales is derived from licensed designer brands. Some of the licenses are automatically renewable for additional periods, provided that sales thresholds set forth in the license agreements are met. Under certain circumstances, these licenses can be terminated without WPH's consent due to circumstances beyond WPH's control. The license agreements for these designer brands generally are for a term of two or three years. The loss of a significant license could have an adverse effect upon WPH's business, which effect could be material to its business.

During 2010 and 2011 there was a global shortage of the principal raw materials WPH uses to manufacture its products, particularly cotton and cotton yarn that forced WPH to pay significantly more for those materials. Any similar or future shortages would increase WPH's cost of goods and cause WPH to increase its prices, which could have an adverse effect on WPH's operations, and, to the extent WPH is not able to pass the cost increases to its customers, the margins on WPH products will be decreased.

Any shortage in the raw materials WPH uses to manufacture its products could adversely affect WPH's operations.

The principal raw materials that WPH uses in the manufacture of its products are cotton of various grades and staple lengths and polyester and nylon in staple and filament form. During 2010 and 2011, there was a global shortage of cotton and cotton yarn that forced WPH to pay significantly more for those materials. The shortages experienced resulted in the unwillingness of many producers to enter into long-term supply agreements, which resulted in increased price volatility. These shortages further resulted in increased prices for other raw materials, including polyester and nylon. WPH has not historically been able to pass all these cost increases to its customers through increased prices and, when that is the case, the margins on WPH's products have decreased. To the extent WPH increases the prices of its products to take into account any increased costs, WPH's sales may be negatively affected. Any shortage event may also impact the availability of raw materials, thereby adversely impacting the timing and volume of WPH net sales.

The home fashion industry is very competitive and WPH's success depends on its ability to compete effectively in its market.

The home fashion industry is highly competitive. WPH's future success will, to a large extent, depend on its ability to be a low-cost producer and to remain competitive. WPH competes with both foreign and domestic companies on the basis of price, quality and customer service. WPH's future success depends on its ability to remain competitive in the areas of marketing, product development, price, quality, brand names, manufacturing capabilities, distribution and order processing. Any failure to compete effectively could adversely affect WPH's sales and, accordingly, our Home

Fashion operations. Additionally, the easing of trade restrictions over time has led to growing competition from low-priced products imported from Asia and Latin America. The lifting of import quotas in 2005 has accelerated the loss of WPH's market share.

WPH has a significant percentage of its products that are made overseas. There is no assurance that WPH will be successful in obtaining goods of sufficient quality on a timely basis and on advantageous terms. WPH is subject to additional risks relating to doing business overseas.

WPH has a significant percentage of its products that are made overseas and faces additional risks associated with these efforts. WPH currently has a manufacturing facility that it owns through a subsidiary in Bahrain. WPH also has a sourcing office in China and purchases from manufacturers in many foreign countries. WPH has limited experience in overseas procurement and, accordingly, WPH cannot assure you that it will be successful in obtaining goods of sufficient quality on a timely basis and on advantageous terms.

Recent civil unrest in Bahrain has not affected WPH's operations in that country to date, but we cannot assure you that future events in Bahrain, or the other foreign countries in which WPH has operations, will not have a material adverse effect on WPH's business, foreign assets or the cost or availability of its goods.

There has been consolidation of retailers of home fashion products that may reduce WPH's profitability.

The consolidation of retailers of consumer goods has resulted in certain retailers having a greater ability to secure more favorable terms from vendors. Retailers' pricing leverage has resulted in a decline in WPH's unit pricing and margins and resulted in a shift in product mix to more private label programs. If WPH is unable to diminish the decline in its pricing and margins, WPH may not be able to achieve profitability.

The retail industry in the United States is highly competitive and subject to the various economic cycles of consumer demand. WPH is subject to the retailers' demand for products as manifest by underlying consumer spending. WPH may incur adverse financial consequences if WPH's retail customers experience adverse financial results.

Retailers of consumer goods are dependent upon consumer spending. In turn, consumer spending is broadly a function of the overall economic environment. Given the weaknesses in the overall economy, and in the home sales market specifically, the level of consumer retail spending for home textile products is likely to decline, which would have an adverse impact on WPH's business and financial results. In the current unsettled economic environment, the indicators are that consumers are not purchasing discretionary goods to the extent they have in the past. To the extent that retailers of consumer goods are faced with financial difficulties due to weakened consumer demand, depending upon the amount of business that WPH does with any such customer, WPH's financial results may be adversely affected.

This adverse impact could arise out of the potential recoverability of a receivable from a financially impaired retailer or from a customer doing less business with WPH. WPH believes it maintains adequate receivable reserves for specifically known events and an overall general provision for unknown circumstances. However, depending upon the magnitude of any future unknown event, these reserves may not be sufficient.

WPH is subject to various U.S. federal, state and local and foreign laws, rules and regulations. If WPH does not comply with these laws, rules and regulations, it may incur significant costs in the future to become compliant.

WPH is subject to various U.S. federal, state and local and foreign laws, rules and regulations governing, among other things, the discharge, storage, handling, usage and disposal of a variety of hazardous and non-hazardous substances and wastes used in, or resulting from, WPH's operations, including potential remediation obligations under those laws and regulations. WPH's operations are also governed by U.S. federal, state, local and foreign laws, rules and regulations relating to employee safety and health which, among other things, establish exposure limitations for cotton dust, formaldehyde, asbestos and noise, and which regulate chemical, physical and ergonomic hazards in the workplace. Although WPH does not expect that compliance with any of these laws, rules and regulations will materially adversely affect our Home Fashion operations, WPH cannot assure you that regulatory requirements will not become more stringent in the future or that WPH will not incur significant costs to comply with those requirements.

Holding Company

We may not be able to identify suitable investments, and our investments may not result in favorable returns or may result in losses.

Our partnership agreement allows us to take advantage of investment opportunities we believe exist outside of our operating businesses. The equity securities in which we may invest may include common stock, preferred stock and securities convertible into common stock, as well as warrants to purchase these securities. The debt securities in which we may invest may include bonds, debentures, notes or non-rated mortgage-related securities, municipal obligations,

bank debt and mezzanine loans. Certain of these securities may include lower rated or non-rated securities, which may provide the potential for higher yields and therefore may entail higher risk and may include the securities of bankrupt or distressed companies. In addition, we may engage in various investment techniques, including derivatives, options and futures transactions, foreign currency transactions, “short” sales and leveraging for either hedging or other purposes. We may concentrate our activities by owning

significant or controlling interest in certain investments. We may not be successful in finding suitable opportunities to invest our cash and our strategy of investing in undervalued assets may expose us to numerous risks.

We have entered into a covered affiliate agreement, pursuant to which we (and certain of our subsidiaries) have agreed, in general, to be bound by certain restrictions on our investments in any assets that the General Partners deem suitable for the Investment Funds, other than government and agency bonds, cash equivalents and investments in non-public companies. We and our subsidiaries, either alone or acting together with a group, will not be restricted from (i) acquiring all or any portion of the assets of any public company in connection with a negotiated transaction or series of related negotiated transactions or (ii) engaging in a negotiated merger transaction with a public company and, pursuant thereto, conducting and completing a tender offer for securities of the company.

We have made significant investments in the Investment Funds and negative performance of the Investment Funds may result in a significant decline in the value of our investments.

As of December 31, 2015, we had interests aggregating approximately \$3.4 billion in the Investment Funds. If the Investment Funds experience negative performance, the value of these investments will be negatively impacted, which could have a material adverse effect on our operating results, cash flows and financial position.

Our investments may be subject to significant uncertainties.

Our investments may not be successful for many reasons, including, but not limited to:

- fluctuations of interest rates;
- lack of control in minority investments;
- worsening of general economic and market conditions;
- lack of diversification;
- the success of the Investment Funds' activist strategies;
- fluctuations of U.S. dollar exchange rates; and
- adverse legal and regulatory developments that may affect particular businesses.

Item 1B. Unresolved Staff Comments.

None.

Item 2. Properties.

Automotive

Federal-Mogul

Federal-Mogul's world headquarters is located in Southfield, Michigan, which is a leased facility. Federal-Mogul's operations include 227 manufacturing facilities, technical centers, distribution and warehouse centers, and sales and administration office facilities worldwide at December 31, 2015. Approximately 49% of the facilities are leased; the majority of which are distribution centers, and sales and administration offices. Federal-Mogul owns the remainder of the facilities.

The facilities range in size from approximately 100 square feet to 700 thousand square feet. Federal-Mogul believes that substantially all of its facilities are in good condition and that it has sufficient capacity to meet its current and expected manufacturing and distribution needs.

IEH Auto

IEH Auto leases its corporate headquarters located in Kennesaw, Georgia, which is approximately 17,000 square feet. IEH Auto operates 264 store locations and 34 regional warehouse locations throughout the United States. IEH Auto leases all of its facilities with the exception of one store located in Oakwood, Virginia.

Warehouse locations range in size from approximately 20,000 square feet to 150,000 square feet. Store locations range from approximately 2,500 square feet to 40,000 square feet.

Pep Boys (effective February 3, 2016)

Pep Boys owns its five-story, approximately 300,000 square foot corporate headquarters in Philadelphia, Pennsylvania. Pep Boys also owns approximately 4,000 square feet of space in each of Melrose Park, Illinois and Bayamon, Puerto Rico. Pep Boys leases an administrative regional office of approximately 3,500 square feet in Los Angeles, California.

Of the 804 store locations operated by Pep Boys, 224 are owned and 580 are leased.

The following table sets forth certain information regarding the owned and leased warehouse space utilized by Pep Boys to replenish its store locations:

Warehouse Locations	Products Warehoused	Approximate Square Footage	Owned or Leased	Stores Serviced	States Serviced
San Bernardino, CA	All	600,000	Leased	193	AZ, CA, NV, UT, WA
McDonough, GA	All	392,000	Owned	230	AL, FL, GA, LA, NC, PR, SC, TN
Mesquite, TX	All	244,000	Owned	79	AR, CO, LA, MO, NM, OK, TX
Plainfield, IN	All	403,000	Owned	79	IL, IN, KY, MI, MN, OH, PA
Chester, NY	All	402,000	Owned	196	CT, DE, MA, MD, ME, NH, NJ, NY, PA, RI, VA
Philadelphia, PA	Tires	54,000	Leased	61	DE, NJ, PA, VA, MD
Total		2,095,000			

Energy

The following table contains certain information regarding CVR's principal properties:

Location	Acres	Own/Lease	Use
Coffeyville, KS	440	Own	CVR Refining: oil refinery and office buildings CVR Partners: fertilizer plant
Wynnewood, OK	400	Own	Oil refinery, office buildings, refined oil storage
Montgomery County, KS (Coffeyville Station)	20	Own	Crude oil storage
Montgomery County, KS (Broome Station)	20	Own	Crude oil storage
Cowley County, KS (Hooser Station)	80	Own	Crude oil storage
Cushing, OK	138	Own	Crude oil storage

CVR also leases property for its executive office located at 2277 Plaza Drive in Sugar Land, Texas. Additionally, other corporate office space is leased in Kansas City, Kansas.

As of December 31, 2015, CVR's petroleum business owned crude oil storage capacity of approximately (i) 1.5 million barrels that supported the gathering system and the Coffeyville refinery, (ii) 0.9 million barrels at the Wynnewood refinery and (iii) 1.5 million barrels in Cushing, Oklahoma. The petroleum business leased additional crude oil storage capacity of approximately (iv) 2.8 million barrels in Cushing, (v) 0.2 million barrels in Duncan, Oklahoma and (vi) 0.1 million barrels at the Wynnewood refinery. In addition to crude oil storage, the petroleum business owned over 4.5 million barrels of combined refined products and feedstocks storage capacity.

Metals

PSC Metals is headquartered in Mayfield Heights, Ohio, with additional corporate administrative offices located at its facility in Nashville, Tennessee. As of December 31, 2015, PSC Metals operated 32 recycling yards, four secondary plate storage and distribution centers, two secondary pipe storage and distribution center, and one auto parts recycling warehouse. PSC Metals' facilities are strategically located in high-volume scrap metal markets throughout the Midwestern and Southeastern United States, placing PSC Metals in proximity to both suppliers and consumers of scrap metals. PSC Metals owns one recycling yard in Arkansas, two in Georgia, one in Illinois, five in Missouri, nine in Ohio, two in Pennsylvania, and six in Tennessee. PSC Metals leases two recycling yards in Missouri, three in Ohio, and one in Tennessee, and is a service provider at a location in Pennsylvania. PSC Metals owns plate storage facilities in Indiana and Michigan, and also leases a plate storage facility in Indiana. PSC Meta