
**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

**FORM 8-K
CURRENT REPORT**

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

DATE OF REPORT – January 4, 2005
(Date of Earliest Event Reported)

**AK STEEL HOLDING
CORPORATION**

(Exact name of registrant as specified in its charter)

Commission File No. 1-13696

Delaware
(State of Incorporation)

31-1401455
(I.R.S. Employer
Identification No.)

703 Curtis Street, Middletown, OH
(Address of principal
executive offices)

45043
(Zip Code)

Registrant's telephone number, including area code: (513) 425-5000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Solicitation material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On January 4, 2005, AK Steel Corporation issued a press release, a copy of which is attached hereto as Exhibit No. 99.1 and incorporated by reference herein, stating that it made a voluntary contribution to its pension trust fund.

Item 9.01 Financial Statements and Exhibits.

(c) Exhibit:

99.1 Press Release issued on January 4, 2005

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

AK STEEL HOLDING CORPORATION

By: /s/ David C. Horn
David C. Horn
Secretary

Dated: January 4, 2005

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release issued on January 4, 2005



News Release

Contacts: Media - Alan H. McCoy, Vice President, Government and Public Relations (513) 425-2826
Investors - Albert E. Ferrara, Jr., Vice President, Finance & CFO (513) 425-2888

AK Steel Makes Voluntary \$150 Million Pension Trust Fund Contribution

MIDDLETOWN, OH, January 4, 2005 — AK Steel (NYSE: AKS) said it made a \$150 million voluntary contribution to its pension trust fund on January 3, 2005. The voluntary contribution applies toward approximately \$300 million of pension funding that otherwise would be required in 2006. The payment reduces the company's 2006 projected pension funding obligation by approximately 50% and lowers its pension expense by approximately \$13 million on an annualized basis. The company provides pension benefits to approximately 32,000 retirees and/or their beneficiaries.

AK Steel announced in its third quarter 2004 earnings release that its board of directors had authorized the early pension contribution based upon the company's improved financial performance and cash position.

Headquartered in Middletown, Ohio, AK Steel produces flat-rolled carbon, stainless and electrical steel products, as well as carbon and stainless tubular steel products, for automotive, appliance, construction and manufacturing markets.

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