SECURITIES AND EXCHANGE COMMISSION

FORM 8-K

CURRENT REPORT

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

DATE OF REPORT December 21, 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 7.01 Re	egulation	FD	Disclosure.
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AK Steel Holding Corporation is hereby furnishing the following information under Regulation FD:

On December 21, 2005, AK Steel Holding Corporation issued a press release, a copy of which is attached hereto as Exhibit No. 99.1 and incorporated by reference herein, announcing that it will invest approximately \$8.5 million at its wholly-owned subsidiary, AK Tube LLC, to produce large diameter stainless tubing that will assist heavy truck manufacturers in meeting new standards for diesel emissions.

Item 9.01 Financial Statements and Exhibits.

- (c) Exhibit:
 - 99.1 Press Release issued on December 21, 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: December 21, 2005

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release issued on December 21, 2005