

# FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2008  
Estimated average burden  
hours per response.....0.5

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Check this box if no longer  
subject to Section 16. Form 4 or  
Form 5 obligations may continue.  
See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility  
Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

|  |   |   |
|--|---|---|
| 1. Name and Address of Reporting Person*<br>Jenkins Robert H<br>703 Curtis Street<br>Middletown OH 45043 | 2. Issuer Name and Ticker or Trading Symbol<br>AK Steel Holding Corp [AKS]                | 5. Relationship of Reporting Person(s) to Issuer (check all applicable)<br><input checked="" type="checkbox"/> Director      ___ 10% Owner<br>___ Officer (give title below)      ___ Other (specify below) |
|  | 3. Date of Earliest Transaction Required to be Reported<br>(Month/Day/Year)<br>09/29/2006 |   |
|  | 4. If amendment, Date Original Filed (Month/Day/Year)                                     | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>___ Form filed by More Than One Reporting Person                   |

### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security<br>(Instr. 3) | 2. Transaction<br>Date<br>(mm/dd/yy) | 2A. Deemed<br>Execution<br>Date, if any<br>(mm/dd/yy) | 3. Transaction<br>Code<br>(Instr. 8) |   | 4. Securities Acquired (A) or Disposed of (D)<br>(Instr. 3, 4, & 5) |                  |       | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported<br>Transaction(s)<br>(Instr. 3, & 4) | 6. Ownership<br>Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 4) | 7. Nature of Indirect Beneficial<br>Ownership<br>(Instr. 4) |
|------------------------------------|--------------------------------------|---|--------------------------------------|---|---|------------------|-------|--|--|---|
|                                    |                                      |   | Code                                 | V | Amount  | (A)<br>or<br>(D) | Price |  |  |   |
| Common Stock                       | 09/29/2006                           |   | A                                    |   | 931   | A                | \$0   | 45,039   | D  |   |
| Common Stock                       |                                      |   |                                      |   |   |                  |       | 450  | I  | By Wife Diane L. Jenkins                                    |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Form 4 (cont.)  
 Name and Address of Reporting Person  
 Jenkins Robert H  
 703 Curtis Street  
 Middletown OH 45043

Issuer Name and Ticker or Trading Symbol  
 AK Steel Holding Corp [AKS]

Period Of Report  
 09/29/2006

**Table II -Derivative Securities Acquired, Disposed of, or Beneficially Owned  
 (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (mm/dd/yy) | 3A. Deemed Execution Date, if any (mm/dd/yy) | 4. Transaction Code (Instr. 8) |   | 5. No. of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, & 5) |     | 6. Date Exercisable and Expiration Date (mm/dd/yy) |                 | 7. Title and Amount of Underlying Securities (Instr. 3 & 4) |                            | 8. Price of Derivative Security (Instr. 5) | 9. No. of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3, & 4) | 10. Ownership Form of Derivative Securities: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|----------------------------|--|--|--|--|
|  |  |                                |  | Code                           | V | (A)  | (D) | Date Exercisable                                   | Expiration Date | Title   | Amount or Number of Shares |  |  |  |  |
|  |  |                                |  |                                |   |  |     |  |                 |   |                            |  |  |  |  |

Explanation of Responses:

By: /s/Roger Newport Attorney in fact for Robert Jenkins  
 Date 10/2/2006  
 \*\*Signature of Reporting Person