UNITED STATES

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 (Date of earliest event reported): April 20, 2006

NUCOR CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

1-4119 (Commission File Number) 13-1860817 (IRS Employer Identification No.)

2100 Rexford Road, Charlotte, North Carolina (Address of principal executive offices) 28211 (Zip Code)

cipal executive offices) (Zip Co Registrant s telephone number, including area code: (704) 366-7000

N/A

(Former name or former address, if changed since last report.)

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:

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- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting 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 2.02 Results of Operations and Financial Condition

On April 20, 2006, Nucor Corporation issued a news release reporting its financial results for the fiscal quarter ended April 1, 2006. A copy of the news release is attached hereto as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits

(c) Exhibits

99.1 News Release of Nucor Corporation, issued April 20, 2006

2

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.

NUCOR CORPORATION

By: /s/ Terry S. Lisenby Terry S. Lisenby Chief Financial Officer, Treasurer and

Executive Vice President

Dated: April 20, 2006

3

INDEX TO EXHIBITS

Exhibit No.Description99.1News Release of Nucor Corporation, issued April 20, 2006

4