

CF Industries Holdings, Inc.
Form 8-K
May 31, 2007

**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): **May 24, 2007**

CF Industries Holdings, Inc.

(Exact name of Registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-32597
(Commission File No.)

20-2697511
(I.R.S. Employer
Identification Number)

**4 Parkway North, Suite 400
Deerfield, IL**

(Address of principal
executive offices)

60015
(Zip Code)

Registrant's telephone number, including area code: **(847) 405-2400**

(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 (see General Instruction A.2. below):

- 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))

payment, he will receive the net after-tax benefit that he would have received had the excise tax not been imposed.

Mr. Nocchiero will be required to sign a release of claims at the time of the qualifying termination as a condition to receiving any such payments or benefits from the Company under his change in control agreement.

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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.

Date: May 31, 2007

CF INDUSTRIES HOLDINGS, INC.

By: /s/ Douglas C. Barnard
Name: Douglas C. Barnard
Title: Vice President, General Counsel,
and Secretary

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