

CF Industries Holdings, Inc.
Form 8-K
July 19, 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): **July 18, 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 Number)

20-2697511

(I.R.S. Employer
Identification No.)

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))

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: July 19, 2007

CF INDUSTRIES HOLDINGS, INC.

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