CF Industries Holdings, Inc.

Form 4

August 12, 2015

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

Form 5 obligations may continue. See Instruction

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

2. Issuer Name and Ticker or Trading

CF Industries Holdings, Inc. [CF]

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Will W Anthony

(Last) (First)

(Middle)

(Month/Day/Year) 08/10/2015

Symbol

C/O CF INDUSTRIES HOLDINGS. INC., 4 PARKWAY NORTH, SUITE 400

(Street)

4. If Amendment, Date Original

3. Date of Earliest Transaction

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

below)

_X__ Director

X_ Officer (give title

Issuer

X Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

President & CEO

10% Owner

Other (specify

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

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Number:

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response...

DEERFIELD, IL 60015

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities A or(A) or Dispose (Instr. 3, 4 and (A) or Amount (D)	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common stock, par value \$0.01 per share	08/10/2015		F	3,636 D	\$ 60.95	89,184 (1)	D				

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

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

1. Title of 2. 3. Transaction Date 3A. Deemed 4. 5. 6. Date Exercisable and 7. Title and	8. Price of	9. Nu
Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date Amount of	Derivative	Deriv
Security or Exercise any Code of (Month/Day/Year) Underlying	Security	Secui
(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Derivative Securities	(Instr. 5)	Bene
Derivative Securities (Instr. 3 and 4)	Own
Security Acquired		Follo
(A) or		Repo
Disposed		Trans
of (D)		(Instr
(Instr. 3,		
4, and 5)		
Amour	nt .	
or		
Date Expiration Title Number	r	
Exercisable Date of	1	
Code V (A) (D) Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
Will W Anthony C/O CF INDUSTRIES HOLDINGS, INC. 4 PARKWAY NORTH, SUITE 400 DEERFIELD, IL 60015	X		President & CEO			

Signatures

/s/ Douglas C. Barnard, by power of attorney 08/12/2015

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) On June 17, 2015, the common stock of CF Industries Holdings, Inc. split 5-for-1, resulting in the reporting person's ownership of 74,256 additional shares of common stock.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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