

CLEVELAND CLIFFS INC  
 Form 4  
 September 29, 2006

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**CALFEE WILLIAM R**

(Last) (First) (Middle)

1100 SUPERIOR AVENUE, 15TH FLOOR

(Street)

CLEVELAND, OH 44114

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**CLEVELAND CLIFFS INC [CLF]**

3. Date of Earliest Transaction (Month/Day/Year)  
**09/28/2006**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Exec. V.P. Commercial

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	09/28/2006		S	800	D \$ 38.03	64,710	D
Common Stock	09/28/2006		S	100	D \$ 38.06	64,610	D
Common Stock	09/28/2006		S	600	D \$ 38.07	64,010	D
Common Stock	09/28/2006		S	800	D \$ 38.11	63,210	D
Common Stock	09/28/2006		S	300	D \$ 38.13	62,910	D

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Common Stock	09/28/2006	S	700	D	\$ 38.14	62,210	D	
Common Stock	09/28/2006	S	400	D	\$ 35.15	61,810	D	
Common Stock	09/28/2006	S	600	D	\$ 38.16	61,210	D	
Common Stock	09/28/2006	S	2,100	D	\$ 38.17	59,110	D	
Common Stock	09/28/2006	S	400	D	\$ 38.18	58,710	D	
Common Stock	09/28/2006	S	900	D	\$ 38.19	57,810	D	
Common Stock	09/28/2006	S	1,200	D	\$ 38.21	56,610	D	
Common Stock	09/28/2006	S	1,100	D	\$ 38.24	55,510 <sup>(1)</sup>	D	
Common Stock						19,862 <sup>(2)</sup>	I	By VNQDC <u>(3)</u>

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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 6)
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CALFEE WILLIAM R 1100 SUPERIOR AVENUE 15TH FLOOR CLEVELAND, OH 44114			Exec. V.P. Commercial	

## Signatures

William R.  
Calfee

09/29/2006

\*\*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 30, 2006, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 32,755 additional shares.

(2) On June 30, 2006, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 9,924 additional shares in the Cleveland-Cliffs Inc Voluntary Non-Qualified Deferred Compensation Plan (VNQDC). The balance shown also includes 14 shares acquired September 1, 2006 (to shareholders of record on August 15, 2006) pursuant to the dividend reinvestment feature of the VNQDC.

(3) Held for the benefit of the Reporting Person by the VNQDC.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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