#### **CLEVELAND CLIFFS INC**

Form 4

September 29, 2006

# FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Adda CALFEE WIL	•	ting Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol CLEVELAND CLIFFS INC [CLF]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
1100 SUPERIOR AVENUE, 15TH FLOOR		UE, 15TH	(Month/Day/Year) 09/28/2006	Director 10% Owner _X_ Officer (give title Other (special) below)  Exec. V.P. Commercial			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CLEVELAND, OH 44114			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(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. Transaction Code (Instr. 8)	4. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)				
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 (1)	D	
Common Stock						19,862 (2)	I	By VNQDC

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

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SEC 1474 (9-02)

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. Transac: Code (Instr. 8	5. tionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5	ate	7. Title Amoun Underly Securiti (Instr. 3	t of ying ies	8. Price of Derivative Security (Instr. 5)
				Code V	/ (A) (D)	Date Exercisable	Expiration Date	Title 1	Amount or Number of Shares	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

### **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. 09/29/2006

\*\*Signature of Date
Reporting Person

## **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.
- 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. 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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