CALFEE WILLIAM R

Form 4

March 24, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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

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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)

See Instruction

1. Name and Address of Reporting Person * CALFEE WILLIAM R			2. Issuer Name and 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	(Check all applicable)			
1100 SUPERIOR AVENUE, 15TH FLOOR		UE, 15TH	(Month/Day/Year) 03/20/2008	Director 10% Owner _X Officer (give title Other (specify below) Exec. V.P. Comm. N.Amer. Iron			
(Street) CLEVELAND, OH 44114			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			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	e I - Non-D	D erivative	Secui	rities Acqu	ired, Disposed of	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	03/20/2008		S <u>(1)</u>	75	D	\$ 107	23,676	D	
Common Stock	03/20/2008		S <u>(1)</u>	50	D	\$ 107.87	23,626	D	
Common Stock	03/20/2008		S <u>(1)</u>	25	D	\$ 107.88	23,601	D	
Common Stock	03/20/2008		S <u>(1)</u>	75	D	\$ 108.27	23,526	D	
Common Stock	03/20/2008		S <u>(1)</u>	75	D	\$ 108.76	23,451	D	

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Common Stock	03/20/2008	S <u>(1)</u>	75	D	\$ 108.89	23,376	D	
Common Stock	03/20/2008	S <u>(1)</u>	75	D	\$ 108.94	23,301	D	
Common Stock	03/20/2008	S <u>(1)</u>	75	D	\$ 108.95	23,226	D	
Common Stock	03/20/2008	S <u>(1)</u>	75	D	\$ 109.54	23,151	D	
Common Stock	03/20/2008	S <u>(1)</u>	75	D	\$ 109.72	23,076	D	
Common Stock	03/20/2008	S <u>(1)</u>	75	D	\$ 110.92	23,001	D	
Common Stock						19,900	I	By VNQDC

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

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(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)	4. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Secur (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Owno Follo Repo Trans (Instr
			Code V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CALFEE WILLIAM R Exec. V.P. Comm. N.Amer. Iron 1100 SUPERIOR AVENUE

Reporting Owners 2

15TH FLOOR CLEVELAND, OH 44114

Signatures

Traci L. Forrester by Power of Attorney

03/24/2008

**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) Common shares sold pursuant to a 10b(5)-1 trading plan entered into September 24, 2007.
- (2) Held for the benefit of the Reporting Person by the Cleveland-Cliffs Inc Voluntary Non-Qualified Deferred Compensation Plan (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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