CALFEE WILLIAM R

Form 4

February 13, 2007

FORM 4

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

OMB Number: 3235-0287

OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005 Estimated average

0.5

Form 4 or 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

response...

burden hours per

1(b).

(Print or Type Responses)

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 an applicable)			
			(Month/Day/Year)	Director 10% Owner			
1100 SUPERIOR AVENUE, 15TH			02/12/2007	_X_ Officer (give title Other (specify below)			
FLOOR				Exec. V.P. Comm. N.Amer. Iron			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
CLEVELAND, OH 44114				_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. 4. Securities Ad Transaction(A) or Dispose Code (Instr. 3, 4 and (Instr. 8)			d of (D)	5. Amount of Securities Beneficially Owned Following	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	Reported Transaction(s) (Instr. 3 and 4)			
Common Stock	02/12/2007		S <u>(1)</u>	150	D	\$ 52.76	44,210	D		
Common Stock	02/12/2007		S(1)	75	D	\$ 52.88	44,135	D		
Common Stock	02/12/2007		S(1)	75	D	\$ 52.89	44,060	D		
Common Stock	02/12/2007		S(1)	75	D	\$ 53.08	43,985	D		
Common Stock	02/12/2007		S(1)	75	D	\$ 53.13	43,910	D		

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Common Stock	02/12/2007	S <u>(1)</u>	75	D	\$ 52.66	43,835	D	
Common Stock	02/12/2007	S <u>(1)</u>	75	D	\$ 52.87	43,760	D	
Common Stock	02/12/2007	S <u>(1)</u>	75	D	\$ 52.96	43,685	D	
Common Stock	02/12/2007	S <u>(1)</u>	75	D	\$ 53.22	43,610	D	
Common Stock	02/12/2007	G	80	D	\$ 0 (2)	43,530	D	
Common Stock						19,873	I	By VNQDC

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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

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 Exer	cisable and	7. Titl	e and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	ctionNumber	Expiration D	ate	Amou	nt of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	/Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8	3) Derivati	ve		Securi	ities	(Instr. 5)	
	Derivative				Securitie	es		(Instr.	3 and 4)		
	Security				Acquire	d					
	_				(A) or						
					Dispose	d					
					of (D)						
					(Instr. 3.						
					4, and 5)					
					, i						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						LACICISADIC	Excicisuoic Bate	of	of		
				Code	V (A) (D)			Shares		

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. Comm. N.Amer. Iron

Reporting Owners 2

Signatures

William R. 02/13/2007 Calfee

**Signature of
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

Date

- ** 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 29, 2006.
- (2) Disposition of shares as gift requires no dollar amount.
- (3) 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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