CALFEE WILLIAM R

Form 4

February 27, 2007

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per response...

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Ad CALFEE W		ting Person *	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					
			(Month/Day/Year)	Director 10% Owner				
1100 SUPERIOR AVENUE, 15TH FLOOR			02/26/2007	X Officer (give title Other (specify below) 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) _X_ Form filed by One Reporting Person				
CLEVELAND, OH 44114				Form filed by More than One Reporting Person				

(City)	(State)	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 Transaction(A) or Disp Code (Instr. 3, 4 (Instr. 8)		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	02/26/2007		S(1)	75	D	\$ 59.35	43,455	D		
Common Stock	02/26/2007		S <u>(1)</u>	75	D	\$ 59.84	43,380	D		
Common Stock	02/26/2007		S(1)	75	D	\$ 60.25	43,305	D		
Common Stock	02/26/2007		S <u>(1)</u>	75	D	\$ 60.3	43,230	D		
Common Stock	02/26/2007		S <u>(1)</u>	75	D	\$ 60.6	43,155	D		

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Common Stock	02/26/2007	S <u>(1)</u>	75	D	\$ 60.34	43,080	D	
Common Stock	02/26/2007	S <u>(1)</u>	75	D	\$ 59.98	43,005	D	
Common Stock	02/26/2007	S <u>(1)</u>	75	D	\$ 59.76	42,930	D	
Common Stock	02/26/2007	S <u>(1)</u>	75	D	\$ 59.68	42,855	D	
Common Stock	02/26/2007	S <u>(1)</u>	75	D	\$ 59.75	42,780	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 Exerc	cisable and	7. Titl	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	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)	Derivative	9		Securi	ities	(Instr. 5)
	Derivative			· ·	Securities			(Instr.	3 and 4)	
	Security				Acquired			`		
	· ·				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
					, ,					
									Amount	
						Date	Expiration		or	
							Date	Title Number		
						LACICISABIC			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. 02/27/2007 Calfee

**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 29, 2006.
- (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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