(Print or Type Responses)

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

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5. Relationship of Reporting Person(s) to Issuer

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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) Director 10% Owner					
(Last) (First) (Middle) 1100 SUPERIOR AVENUE, 15TH FLOOR				3. Date of Earliest Transaction (Month/Day/Year) 01/24/2008						X Officer (give title below) Other (specify below) Exec. V.P. Comm. N.Amer. Iron				
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person					
CLEVELAND, OH 44114 (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 Acquire (A) or Disposed of ((Instr. 3, 4 and 5)		of (D)	5. Amount of Securities		ollowing	6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership		
				(Code	V	Amount	(A) or (D)	Price	or In		or Indirect		
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 90.75	32,626			D	
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.08	32,551			D	
Common	1 Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.09	32,476			D	
Common	n Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.11	32,401			D	
Common	n Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.14	32,326			D	
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.26	32,251			D	
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.69	32,176			D	
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.76	32,101			D	
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.78	32,026			D	
Common	Stock		01/24/2008		S ⁽¹⁾		75	D	\$ 93.92	31,951			D	
Common	n Stock									19,900			I	By VNQDC (2)
Reminder:	Report on a s	separate line	for each class of secur	rities beneficially ov		Pers cont	ons who	respo this fo	orm are	not requ	ction of inf uired to res OMB cont	pond unle	ess	1474 (9-02)
				Derivative Securiti (e.g., puts, calls, wa						ly Owned				
1. Title of Derivative Security (Instr. 3)	of 2. Conversion or Exercise B) Price of Derivative Security Secur		5. Number of Derivative Securities Acquired (A) or Disposed of (D)	6. D	7. Title am Amount of Underlying Securities (Instr. 3 ar 4)			ount of erlying urities	Derivative Security	9. Number Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownersl Form of Derivati Security Direct (I or Indire	Ownersh (Instr. 4) D)		

	Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
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Reporting Owners

Ī	D 4 0 N /	Relationships								
	Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
	CALFEE WILLIAM R 1100 SUPERIOR AVENUE 15TH FLOOR CLEVELAND, OH 44114			Exec. V.P. Comm. N.Amer. Iron						

Signatures

William R. Calfee	01/25/2008
**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.