FORM 4

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

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

(Print or Type Responses)

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) 02/21/2008								er (give title belo	ow) P. Comm. N	Other (specify	below)	
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person						
CLEVELAND, OH 44114												ed by More than	One Reporting	Person		
(City) (State) (Zip)						Table I - Non-Derivative Securities Acqu							osed of, or I	Beneficially	Owned	
1.Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, any (Month/Day/Yea			(A) or D		rities Acquired Disposed of (D) , 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership		
						Code	V	Amount	(A) or (D)	Price	Ì			or Indirect (I) (Instr. 4)	(Instr. 4)	
Common	Stock		02/21/	/2008			S ⁽¹⁾		75	D	\$ 122.3:	31,126			D	
Common	Stock		02/21/	02/21/2008			S ⁽¹⁾		75	D	\$ 123.3	31,051	31,051		D	
Common	Stock		02/21/2008				S ⁽¹⁾		75	D	\$ 123.4	30,976	30,976		D	
Common Stock			02/21/2008				S ⁽¹⁾		75	D	\$ 123.52	30,901	30,901		D	
Common Stock			02/21/	02/21/2008			S ⁽¹⁾		75	D	\$ 123.8	30,826	30,826		D	
Common Stock		02/21/	02/21/2008			S ⁽¹⁾		75	D	\$ 124.0	30,751	30,751		D		
Common Stock		02/21/	/2008			S ⁽¹⁾		75	D	\$ 124.5	30,676			D		
Common Stock		02/21/	/2008			S ⁽¹⁾		75	D	\$ 125.0°	30,601			D		
Common Stock			02/21/	/2008			S ⁽¹⁾		75	D	\$ 125.8	30,526			D	
Common Stock		02/21/2008				S ⁽¹⁾		75	D	\$ 126.0°	30,451			D		
Common Stock											19,900			I	By VNQDC	
Damindar	Danart on a	separate line	for each	alace of same	ritias bana	ficially o	wned direct	tly or	· indirectly	,						
Kemmuer.	Report on a s	separate fine	ior each c	class of secu	ittes bene	ilcially 0		Per con	sons wh	o resp	form ar	e not requ	ction of inf	spond unle	ess	1474 (9-02)
				Table II -	Dorivation	o Soowell	tion Acquir					•	OMB cont	ioi numbe		
				(arrants, op									
1. Title of	2. Conversion	3. Transacti Date		BA. Deemed Execution Da	4.	nsaction	5. Number		Date Exerc Expiration			Citle and ount of		Number Derivative	of 10. Owners	11. Natu
Security	or Exercise Price of Derivative Security		//Year) a		Coo	de str. 8)	of Derivative Securities Acquired (A) or Disposed	(Me	onth/Day/		Une Sec	derlying urities str. 3 and	Security (Instr. 5)	Securities Beneficiall Owned Following Reported Transaction	Form o Derivat Security Direct (or Indir	f Benefic Owners y: (Instr. 4
							of (D) (Instr. 3,							(Instr. 4)	(Instr. 4)

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

P (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

George W. Hawk, Jr. by Power of Attorney	02/22/2008
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.

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.