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 Director												
(Last) (First) (Middle) 1100 SUPERIOR AVENUE, 15TH FLOOR			3. Date of Earliest Transaction (Month/Day/Year) 04/17/2008 X Officer (give title below) Other (specify) Exec. V.P. Comm. N.Amer. Iron							pelow)					
				4. If Amendment	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 Form filed by More than One Reporting Person										
	AND, OH										a by More than	One Reporting I	CISON		
(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)	if Code (Instr. 8)		on 4. Securities Acquir (A) or Disposed of (Instr. 3, 4 and 5)			Beneficia	ant of Securities ially Owned Following d Transaction(s) and 4)		6. Ownership Form: Direct (D) or Indirect	Benef Owne	direct ficial ership		
					Code	V	Amount	or (D)	Price				(I) (Instr. 4)	(,
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 148.34	22,176			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 151	22,101			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 153.6	22,026			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 153.83	21,951			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 154	21,876			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 154.5	21,801			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 154.66	21,726			D		
Common	Stock		04/17/2008		S(1)		75	D	\$ 155.92	21,651			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 156	21,576			D		
Common	Stock		04/17/2008		S ⁽¹⁾		75	D	\$ 156.06	21,501			D		
Common	Stock									19,900			Í	By VN(QDC
Reminder:	Report on a s	separate line 1	for each class of sec	urities beneficially o	owned direc	Per cor	sons wh	o resp	form are	not requ		ormation spond unleader	ss	1474 ((9-02)
			Table II	- Derivative Securi (e.g., puts, calls, w						ly Owned					
Security	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day	Execution I (Year) any	1	5.	6. I and (M	Date Exercise Expiration on the Impurity of th	cisable on Date	7. Ti Amo Und Secu	itle and bunt of erlying urities r. 3 and		9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form of Derivati Security Direct (or Indire	hip of Be over the control of the co	I. Nature Indirect eneficial wnership nstr. 4)

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

D (O 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	04/18/2008
**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.