FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287

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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).

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

(Print or Type	e Kesponses)																		
1. Name and Address of Reporting Person * TRETHEWEY JAMES A													eporting Person(s) to Issuer Check all applicable) 10% Owner						
(Last) (First) (Middle) 1100 SUPERIOR AVENUE, 15TH FLOOR				3. Date of Earliest Transaction (Month/Day/Year) 03/01/2007								X Officer (give title below) Other (specify below) S.V.P Bus. Development							
(Street) CLEVELAND, OH 44114				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							
(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		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Beneficially Reported Tra (Instr. 3 and	f Securities Owned Foll ansaction(s)	owing 6	ownership orm:	7. Nature of Indirect Beneficial Ownership					
						Code V		Amount (A) or (D)		Price			(1	nstr. 4)	(Instr. 4)				
Common Stock 03/01/200		03/01/2007				A(1)		15,123	3 A	\$ 60.58	44,503		I)					
Common Stock 03		03/01/2007				F ⁽²⁾		4,907	D	\$ 60.58	39,596		Ι)					
Common Stock										8	8,686	6			By VNQDC				
Common Stock									1	19,740		I		Wife					
Reminder: R	eport on a se	parate line for eac	ch class of securities					Perso conta form	ons wh ained ir display	this fo	rm are no rently va	lid OMB co	l to respor	nd unless the		1474 (9-02)			
	ı			(e.g., puts		s, wa	rrants, o	ptions,	convert	ible secu	rities)			ı	1				
1. Title of Derivative Security (Instr. 3)	Derivative Conversion Date Execution Date (Month/Day/Year) any		Execution Date,	, if Transaction of Code Decar) (Instr. 8) See Ac (A Di of (Ir		of Der Sec Acc (A) Dis of (and		Date Exercisable d Expiration Date Month/Day/Year)		7. Title ar of Underl Securities (Instr. 3 a	S	Derivative Security			Ownershi (Instr. 4)			
				Code	V	(A)		Date Exercis	sable Da	xpiration ate	Title	Amount or Number of Shares							
Retention Units 2004- 2006	<u>(4)</u>	03/01/2007		D			2,160 (5)	<u>(6</u>	0)	(6)	Commo	1 1	\$ 48.44	0	D				

Reporting Owners

P (0 N (Relationships									
Reporting Owner Name / Address	Director	10% Owner	Officer	Other						
TRETHEWEY JAMES A 1100 SUPERIOR AVENUE 15TH FLOOR CLEVELAND, OH 44114			S.V.P Bus. Development							

Signatures

George W. Hawk, Jr. by Power of Attorney	03/02/2007	7						
**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) Reflects a payout in Common Stock of Performance Shares earned under the Cleveland-Cliffs Inc 1992 Equity Plan (as Amended and Restated as of May 13, 1997) as amended ("1992 Equity Plan"), for the 2004-2006 Performance Period.
- (2) Surrender of Performance Shares represented in footnote (1) in payment of the related tax liability incurred by the reporting person.
- (3) Held for the benefit of the Reporting Person by the Cleveland-Cliffs Inc Voluntary Non-Qualified Deferred Compensation Plan (VNQDC).
- (4) Convertible into Common Shares on a 1-for-1 basis.
- (5) Total ownership of retention units reflects the 2-for-1 stock splits on December 31, 2004 and June 30, 2006 resulting in the reporting person's acquiring 540 and 1,080 additional retention units, respectively.
- (6) Retention Units granted to Reporting Person under the Cleveland-Cliffs Inc Long-Term Incentive Program covering the period of January 1, 2004 to December 31, 2006 (Retention Period). Retention units were paid out to the Reporting Person in cash based on the market value price of the Common Shares of the Issuer on the last day of the Retention Period.

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.