CLEVELAND CLIFFS INC

Form 4

February 26, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287 Number:

OMB APPROVAL

2005

January 31, Expires:

Estimated average burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Vetor Duke D Issuer Symbol CLEVELAND CLIFFS INC [CLF] (Check all applicable) (Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year) Director

10% Owner Other (specify X_ Officer (give title 17385 TALL TREE TRAIL 02/26/2008 below) SVP - N. American Coal

> (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 Form filed by More than One Reporting Person

CHAGRIN FALLS, OH 44023

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y 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. Securion(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/26/2008		A(1)	3,434	A	\$ 119.76	6,922	D	
Common Stock	02/26/2008		F(2)	1,097	D	\$ 119.76	5,825	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	Expiration Date crivative (Month/Day/Year) curities equired) or sposed (D)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pric Deriva Securi (Instr.
			Code V	and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Retention Units 2005-2007	(3)	02/26/2008	D	450	<u>(4)</u>	<u>(4)</u>	Common Shares	450	\$ 10

Reporting Owners

CHAGRIN FALLS, OH 44023

Reporting Owner Name / Address			Relationships		
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other	
Vetor Duke D					
17385 TALL TREE TRAIL			SVP - N American Coal		

Signatures

Traci L. Forrester by Power of Attorney 02/26/2008

**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) 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 2005-2007 Performance Period.
- (2) Surrender of Performance Shares represented in footnote (1) in payment of the related tax liability incurred by the reporting person.
- (3) Each Retention Unit represents the value of one Common Share of the Company.
- Retention Units granted to Reporting Person under the Cleveland-Cliffs Inc Long-Term Incentive Program covering the period of January (4) 1, 2005 to December 31, 2007 (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.

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