FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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

pe Response	5)														
Name and Address of Reporting Person* Vetor Duke D				2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X Officer (give title below) Other (specify below)				
(Last) (First) (Middle) 17385 TALL TREE TRAIL				3. Date of Earliest Transaction (Month/Day/Year) 03/09/2009								SVP	- N. America	n Coal	
(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 _Form filed by More than One Reporting Person					
	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Reneficially Owned						Owned						
(Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, any		if Code (Instr. 8)		ction 4. Securities Acqui			Beneficial Reported	nt of Securities ally Owned Following Transaction(s)		Ownership of Form:	Beneficial	
			(Month	n/Day/Yea		Code	V	Amoun	(A) or (D)	Price	(Instr. 3 and 4)			Direct (D) Ownersl or Indirect (Instr. 4) (I) (Instr. 4)	
Stock		05/15/2008			1	A (1)		6,975	A	\$ 0	13,950	0		D	
Stock		03/09/2009			1	A ⁽²⁾	4	4,850	A	\$ 0	21,861			D	
						cquire	containthe fo	ined in rm dis posed o	this for plays a c	m are curre	not requesting ntly valid	uired to res	spond unle	ss	474 (9-02)
	Date	3A. Deemed Execution Date, i	te, if 4.	4. if Transaction Code ar) (Instr. 8)	5. Num of Deri Secu Acqui (A) of Disp of (I (Inst	uber vative varities uired or oosed O) r. 3,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Ti Amo Und Secu (Inst 4)	Amount or Number	Derivative Security (Instr. 5)	Derivative Securities Beneficially Owned Following Reported	Ownership Form of Derivative Security: Direct (D) or Indirect	Beneficia Ownershi (Instr. 4)	
											of				
	and Address of like D ALL TREF IN FALLS Security Security 2. Conversion or Exercise Price of Derivative	ind Address of Reporting Perils Date (State) (Street) IN FALLS, OH 44023 (State) Security 2. Conversion or Exercise Price of Derivative 1. (Street) 3. Transaction Date (Month/Day/Vine)	ALL TREE TRAIL (Street) IN FALLS, OH 44023 (State) 2. Transaction Date (Month/Day/Year) Stock 1 Stock 1 Stock 1 Stock 2 Table II - I (Great) 2 Table II - I (Great) 3 A. Deemed Execution Date (Month/Day/Year) 2 Table II - I (Great) 3 A. Deemed Execution Date (Month/Day/Year) 2 Table II - I (Great) 3 A. Deemed Execution Date (Month/Day/Year) 3 A. Deemed Execution Date (Month/Day/Year) 3 A. Deemed Execution Date (Month/Day/Year)	and Address of Reporting Person* 2. Issue D CLIFF [CLF] (Middle) 3. Date 03/09 ALL TREE TRAIL (Street) IN FALLS, OH 44023 (State) 2. Transaction Date (Month/Day/Year) A Stock 1 Stock 2 State of Stock 2 Stock 3 Stock 3 Stock 3 Stock 3 Stock 4 Stock 5 Stock 6 Stock 1 Stock 1 Stock 1 Stock 1 Stock 1 Stock 1 Stock 2 Stock 3 Stock 4 Stock 5 Stock 6 Stock 6 Stock 7 Stock 8 Stock 8 Stock 8 Stock 8 Stock 9 Stoc	2. Issuer Name CLIFFS NAT [CLF] 3. Date of Earlier 03/09/2009 4. If Amendment IN FALLS, OH 44023 2. Transaction Date (Month/Day/Year) A Stock 1 Stock 1 Stock 1 Stock 2 Table II - Derivative Securities beneficially of Code (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. If Amendment Execution Date, any (Month/Day/Year) 5 A Deemed Execution Date, if Transaction Code (Instr. 8)	and Address of Reporting Person* alke D 2. Issuer Name and T CLIFFS NATURA [CLF] 3. Date of Earliest Train 03/09/2009 4. If Amendment, Date IN FALLS, OH 44023 (State) 2. Transaction Date (Month/Day/Year) A Stock 05/15/2008 A Stock 03/09/2009 A Stock 03/09/2009 Table II - Derivative Securities A (e.g., puts, calls, warran 2. Transaction Date (Month/Day/Year) A Stock 1. Transaction One Exercise (Price of Derivative Securities A (e.g., puts, calls, warran (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. Transaction One Exercise (Month/Day/Year) (Month/Day/Year) 3. Date (Instr. 8) 4. Transaction One Exercise (Instr. 8) Derivative Security A Deemed (Instr. 8) Derivative Security A Derivative Securi	2. Issuer Name and Ticker of CLIFFS NATURAL RECLIFFS NATURAL RECLIFICATION (Month/Day/Year)	Address of Reporting Person had CLIFFS NATURAL RESOURTH (CLIFFS NATURAL RESOURTH (CLIFFS NATURAL RESOURTH (CLIFFS NATURAL RESOURTH (Mondre) (CLIFFS NATURAL RESOURTH (Mondre) (M	Address of Reporting Person 2. Issuer Name and Ticker or Trading Syr CLIFFS NATURAL RESOURCES [CLF] 3. Date of Earliest Transaction (Month/Day 03/09/2009 4. If Amendment, Date Original Filed(Month/Day 03/09/2009 4. If Amendment, Date Original Filed(Month/Day 03/09/2009 5. Table I - Non-Derivative Securities Securities any (Month/Day/Year) 6. Stock 6. A Stock 7. Table II - Derivative Securities Sec	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] 3. Date of Earliest Transaction (Month/Day/Year) (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) (State) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) 2. Transaction Date (Instr. 8) (A) or Disposed of (Instr. 8) (A) or Code V Amount (D) (B) Or Code V Amount (D) (Code (Instr. 8) (A) or Disposed of (Instr. 8) (A) or Code V Amount (D) (A) or Code (Instr. 8) (A) or Code V Amount (D) (A) or Code V Amount (D) (A) or Code (Instr. 8) (A) or Code V Amount (D) (A) or Code (Instr. 8) (A	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] 3. Date of Earliest Transaction (Month/Day/Year) 03/09/2009 4. If Amendment, Date Original Filed(Month/Day/Year) IN FALLS, OH 44023 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Street) 3. Transaction Date (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Street) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Base of Earliest Transaction (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Base of Earliest Transaction (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Base of Earliest Transaction (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Base of Earliest Transaction (Month/Day/Year) 4. Securities Acquired (A) or Disposed of, Or Beneficially owned directly or indirectly. 2. Transaction Date (Base of Earliest Transaction on Code (Instr. 8) 4. S. Number (Code (Instr. 8) 4. S. Number (Month/Day/Year) 5. Securities Acquired (Month/Day/Year) Code (Instr. 8) C	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] 3. Date of Earliest Transaction (Month/Day/Year) 03/09/2009 4. If Amendment, Date Original Filed(Month/Day/Year) 03/09/2009 5. Relation Date (Street) 4. If Amendment, Date Original Filed(Month/Day/Year) 03/09/2009 7. Table I - Non-Derivative Securities Acquired, Disposed of (D) Price of Date (Month/Day/Year) (Month/Day/Year) 8. A Deemed (Execution Date, if any (Month/Day/Year)) 8. A Deemed (Execution Date, if any (Month/Day/Year)) 8. A Deemed (Execution Date, if any (Month/Day/Year)) 8. Table II - Derivative Securities Acquired, Disposed of (D) Price of Derivative Securities Acquired, Disposed of, or Beneficial Price of Date (Month/Day/Year) 9. A Deemed (Execution Date, if any (Month/Day/Year)) 10. A Deemed (Execution Date, if any (Month/Day/Year)) 11. A Derivative Securities Acquired, Disposed of, or Beneficial Price of Date (Execution Date, if any (Month/Day/Year)) 12. Care of Date (Execution Date, if any (Month/Day/Year)) 13. Transaction Date (Execution Date, if any (Month/Day/Year)) 14. Execution Date (Execution Date, if any (Month/Day/Year)) 15. Relation Date (An Disposed of, Date Date (Date) (D	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] 3. Date of Earliest Transaction (Month/Day/Year) 4. If Amendment, Date Original Filed(Month/Day/Year) 5. Relationship of Rep (Che X Officer (give title behave that the property of the pro	Address of Reporting Person Reporting Person CLIFFS NATURAL RESOURCES INC. [CLF] (CLF) (Middle) (Street) (Street) (Street) (Street) (A) (Street) (Street) (Street) (Street) (A) (Street) (A) (Street) (Cip) (State) (Zip) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Stock (D5/15/2008 (D5/15/2008	Address of Reporting Person* ake D CLIFFS NATURAL RESOURCES INC. [CLF] 3. Date of Earliest Transaction (Month/Day/Year) 03/09/2009 4. If Amendment, Date Original Filed(Month/Day/Year) Oscillatory Code V Amount (D) Stock OS/15/2008 OS/15/2008 OS/15/2008 ALI OS/15/2008 OS/15/2009 ACI Stock OS/15/2008 OS/15/2008

Reporting Owners

	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
Vetor Duke D 17385 TALL TREE TRAIL CHAGRIN FALLS, OH 44023			SVP - N. American Coal				

Signatures

Traci L. Forrester by Power of Attorney	03/11/2009
**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) Total ownership reflects an additional 2,337 common shares and 4,638 restricted stock units received pursuant to the Company's 2-for-1 stock split on May 15, 2008.
- (2) Reflects a grant of restricted stock units.

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.

KNOW ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints George W. Hawk, Jr., Traci L. Forrester, Nancy Watts and Keirsten Riedel and each of them, as the true and lawful attorney or attorneys-in-fact, with full power of substitution and revocation, for the undersigned and in the name, place and stead of the undersigned, in any and all capacities, to execute, on behalf of the undersigned, any and all statements or reports considered necessary or advisable under Section 16(a) of the Securities Exchange Act of 1934 and the rules and regulations promulgated thereunder, as amended from time to time ("Exchange Act") with respect to the beneficial ownership of shares of Common Stock, par value \$.125 per share, of Cleveland-Cliffs Inc ("Company"), including, without limitation, all initial statements of beneficial ownership on Form 3: all statements of changes in beneficial ownership on Form 4: all annual statements of beneficial ownership on Form 5; and all notices of proposed sale of securities on Form 144; and any and all other documents that may be required, from time to time, to be filed with the Securities and Exchange Commission, to execute any and all amendments or supplements to any such statements or forms, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting to said attorney or attorneys-in-fact, and each of them, full power and authority to do so and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as the undersigned might or could do in person, hereby ratifying and confirming all that said attorney or attorneys-in-fact or any of them or their substitutes, may lawfully do or cause to be done by virtue hereof.

The undersigned acknowledges that neither the Company nor such attorney-in-fact assumes (i) any liability for the undersigned's responsibility to comply with the requirement of the Exchange Act, (ii) any liability of the undersigned for any failure to comply with such requirements, or (iii) any obligation or liability of the undersigned for profit disgorgement under Section 16(b) of the Exchange Act. This Power of Attorney does not relieve the undersigned from responsibility for compliance with the undersigned's obligations under the Exchange Act, including without limitation the reporting requirements under Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect as long as the undersigned is subject to the reporting requirements of Section 16 with respect to the undersigned's holdings and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 28th day of May, 2008.

/s/ Duke Vetor Officer