CALFEE WILLIAM R

Form 4

December 08, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5

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obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CALFEE WILLIAM R			2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 1100 SUPERI FLOOR	(First) (Middle) PERIOR AVENUE, 15TH		3. Date of Earliest Transaction (Month/Day/Year) 12/08/2009	Director 10% Owner X Officer (give title Other (specifically) below) Exec. V.P. Comm. N.Amer. Iron			
CLEVELANI	(Street) O, OH 4411	4	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			

(City)	(State)	(Zip) Tabl	e I - Non-D	D erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			d of (D)	5. Amount of Securities Form: Beneficially (D) or Owned Indirect Following (Instr. Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	12/08/2009		S	400	D	\$ 40.72	50,808	D	
Common Stock	12/08/2009		S	2,146	D	\$ 40.7	48,662	D	
Common Stock	12/08/2009		S	400	D	\$ 40.68	48,262	D	
Common Stock	12/08/2009		S	400	D	\$ 40.67	47,862	D	
Common Stock	12/08/2009		S	200	D	\$ 40.66	47,662	D	

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Common Stock	12/08/2009	S	1,000	D	\$ 40.65	46,662	D	
Common Stock	12/08/2009	S	4,100	D	\$ 40.64	42,562	D	
Common Stock	12/08/2009	S	500	D	\$ 40.63	42,062	D	
Common Stock	12/08/2009	S	854	D	\$ 40.62	41,208	D	
Common Stock						39,968 (1)	I	By VNQDC

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

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(9-02)

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

 Title of Derivative 	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. orNumber	6. Date Exerc Expiration D			le and unt of	8. Price of Derivative	9. Nu Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	rities	(Instr. 5)	Bene
	Derivative		•		Securities	3		(Instr	. 3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address Director 10% Owner Other

CALFEE WILLIAM R 1100 SUPERIOR AVENUE 15TH FLOOR CLEVELAND, OH 44114

Exec. V.P. Comm. N.Amer. Iron

2 Reporting Owners

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Signatures

George W. Hawk, Jr. by Power of Attorney 12/08/2009

**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).
- Balance shown reflects 12, 14 and 16 shares acquired June 1, September 1, and December 1, 2009, respectively, pursuant to the dividend (1) reinvestment feature of the Cliffs Natural Resources Inc. 2005 Voluntary Non-Qualified Deferred Compensation Plan ("VNQDC") to shareholders of record as of May 22, August 14, and November 20, 2009, respectively.
- (2) Held for the benefit of the Reporting Person by the 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.

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