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).

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 Ty	pe Response	s)																	
1. Name and Address of Reporting Person* CUNNINGHAM SUSAN M				CL	2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director 10% Owner Officer (give title below) Other (specify below)							
(Last) (First) (Middle) 200 PUBLIC SQUARE, STE. 3300					3. Date of Earliest Transaction (Month/Day/Year) 01/02/2009														
(Street) CLEVELAND, OH 44114				4. If	4. If Amendment, Date Original Filed(Month/Day/Year)						6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person								
(City	')	(State)		(Zip)			T	able I	- Nor	ı-De	erivative :	Securities	Acq	uired, Disp	osed of, or l	Beneficially	Owned		
1.Title of Security (Instr. 3)			Date	Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Instr. 8)		4. Securities Acquire or Disposed of (D) (Instr. 3, 4 and 5)			Benefic Reporte	ount of Securities cially Owned Following ed Transaction(s) 3 and 4)		Ownership Form: Direct (D)	of In Ben Own	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
								Cod	le	V	Amoun	(A) or (D)	Pric	ee			or Indirect (I) (Instr. 4)	(Ins	tr. 4)
Common	Stock		01/02	/2009				A	D		195.236	62 A	\$ 25.6	6,095.	8798 (2)		D		
Reminder:	Report on a s	separate line	e for each		Deriv	rative Sec	curit	ties Ac	quire	Per cor the	rsons whatained in form dis	no respo n this for splays a of, or Ber	rm ai curr	re not req ently valid ally Owned	ction of inf uired to res d OMB conf	spond unle	ss	C 1474	4 (9-02)
1. Title of	l ₂	3. Transact	tion	3A. Deemed	` ' '	puts, call	s, w	arrant	ts, op			tible secu) Title and	9 Dries of	9. Number	of 10.		11. Natur
Derivative Security	Conversion or Exercise Price of Derivative Security	Date	Executio y/Year) any	Execution D	n Date, if	Transact Code				and Expiration Date (Month/Day/Year)		An Un See	nount of derlying curities str. 3 and	Derivative Security (Instr. 5)		Owner Form of Deriva Securi Direct or Indi	ship of Itive (by: (D) rect	of Indire Benefici Ownersh (Instr. 4)	
						Code	V	(A)	(D)	Da Ex	ite ercisable	Expiratio Date	n Tit	Amount or Number of Shares					

Reporting Owners

P (0 N /	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
CUNNINGHAM SUSAN M 200 PUBLIC SQUARE STE. 3300 CLEVELAND, OH 44114	X						

Signatures

Traci L. Forrester by Power of Attorney	01/05/2009
**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) Reflects number of Common Shares credited to the account of the Reporting Person in payment of the Reporting Person's Required Quarterly Retainer for the first quarter of 2009 under the Cliffs Natural Resources Inc. Nonemployee Directors Compensation Plan. Full shares earned in 2008 will be issued effective January 2, 2010.
- The Board of Directors of Cliffs Natural Resources Inc. (the "Company") declared a dividend of \$.0875 per share, payable to all holders of record as of November 14, 2008 (2) of common stock payable on December 1, 2008. The amount shown reflects 11.277 shares credited to the Reporting Person pursuant to the Company's Dividend Reinvestment and Stock Purchase Plan.

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.