Paradie Terrance M Form 4 March 17, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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)

See Instruction

1. Name and Address of Reporting Person * Paradie Terrance M			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) 200 PUBLIO 3300	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 03/13/2009					Director 10% Owner Selective title Other (specify below) below) Vice Pres Controller				
					endment, Date Original onth/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
CLEVELAND, OH 44114-2315								Form filed by More than One Reporting Person				
(City)	(State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								ly Owned			
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year) Execution any	med on Date, if Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or Di (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)			
Common Stock	03/13/2009			A(1)	4,796	A	\$ 13.03	4,796	I	VNQDC		
Common Stock								3,025 (2)	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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Number			
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships
Ranarting (Iwnar Nama / Address	

10% Owner Officer Other Director

Paradie Terrance M 200 PUBLIC SQUARE **SUITE 3300** CLEVELAND, OH 44114-2315

Vice Pres.-Controller

Signatures

Terrance 03/17/2009 Paradie

**Signature of Date Reporting Person

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).

The amount represents an exchange of a portion of the Reporting Person's cash bonus for 3,837 shares of Cliffs Natural Resources Inc.

- (Company) Common Stock on a deferred basis (Exchange Shares) under the Company's 2005 Voluntary Nonqualified Deferred Compensation Plan (VNQDC). An additional 959 deferred shares (Match Shares) were credited to the account of the Reporting Person in the VNQDC equal to 25 percent of the market value of the Exchanged Shares on the deferral date of the bonus payment.
- The total number of securities held by the reporting person reflects an acquisition of 425 additional restricted stock units pursuant to the Company's 2-for-1 stock split that occurred on May 15, 2008.

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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