Gunning Gina K Form 4 March 10, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Section 16. Form 4 or Form 5 obligations may continue. See Instruction

(Print or Type Responses)

Check this box

if no longer

subject to

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).

1. Name and Address of Reporting Person *

Gunning Gina K

3300

(City)

2. Issuer Name and Ticker or Trading

Symbol

CLIFFS NATURAL RESOURCES

INC. [CLF]

(Last) (First) (Middle)

(Month/Day/Year) 03/08/2011

200 PUBLIC SQUARE, SUITE

(Street)

(State)

4. If Amendment, Date Original

3. Date of Earliest Transaction

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Director 10% Owner X_ Officer (give title Other (specify

below)

GC, Corp Affairs & Secretary

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

CLEVELAND, OH 44114-2315

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

(Zip)

3. TransactionAcquired (A) or Code (Instr. 8)

4. Securities Disposed of (D) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported

Form: Direct (D) or Indirect (I) (Instr. 4)

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4)

or Price Code V Amount (D)

(A)

Common Stock

03/08/2011

 $A^{(1)}$

820

\$0 A 1,120 D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired		Securities	(Instr. 5)	Bene	
	Derivative						(Instr. 3 and	4)	Own	
	Security								Follo	
					(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
								Amou	ınt	
								or		
						Date	Expiration	Title Numb	er	
						Exercisable	Date	of		
				Code V	(A) (D)			Shares	S	

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Gunning Gina K 200 PUBLIC SQUARE **SUITE 3300** CLEVELAND, OH 44114-2315

GC, Corp Affairs & Secretary

Signatures

/s/ Gina K. 03/10/2011 Gunning

**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).
- Reflects the number of restricted share units granted to the Reporting Person on March 8, 2011 for the Performance Period 2011 to 2013 from the Issuer's Amended and Restated Cliffs 2007 Incentive Equity 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.

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