Eldridge Barry J Form 4 January 06, 2009

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

0.5

Estimated average burden hours per

OMB APPROVAL

response...

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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 * Eldridge Barry J

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol

CLIFFS NATURAL RESOURCES

(Check all applicable)

INC. [CLF]

(Last) (First) (Middle)

(Street)

(State)

3. Date of Earliest Transaction

4. If Amendment, Date Original

(Instr. 8)

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

(Month/Day/Year)

200 PUBLIC SQUARE, STE. 3300 01/02/2009

(Month/Day/Year)

(Zip)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

CLEVELAND, OH 44114

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 1.Title of 3. 4. Securities Acquired (A) 5. Amount of Security (Month/Day/Year) Securities

Execution Date, if Transaction Disposed of (D) Code (Instr. 3, 4 and 5)

Beneficially Owned

6. Ownership Form: Direct (D)

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

(A) or

Following or Indirect Reported Transaction(s)

(I) (Instr. 4)

(Instr. 3 and 4)

Common Stock

(City)

(Instr. 3)

01/02/2009

Code V Amount (D) Price $A^{(1)}$ 195.2362 A

25.61

9,462.6834 D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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 Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
	Derivative		•		Securities	S		(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
						Date Exercisable	Expiration Date	Title N	or		
									Number		
				G 1 W	(1) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
r g	Director	10% Owner	Officer	Other			
Eldridge Barry J 200 PUBLIC SQUARE STE. 3300 CLEVELAND, OH 44114	X						

Signatures

Traci L. Forrester by Power of 01/06/2009 Attorney **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).

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 2009 will be issued effective January 2, 2010.

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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