GREEN SUSAN MIRANDA

Form 4 October 05, 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

0.5

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

obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * GREEN SUSAN MIRANDA			2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF]				I	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 5917 RYL.	(First) AND DRIVE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/01/2009			_	_X Director Officer (give to elow)		Owner r (specify		
(Street) BETHESDA, MD 20817			Filed(Month/Day/Year)				A - -	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)	Tal	ole I - Non-	Derivative Se	ecuriti	es Acqui	red, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)		n Date, if	3. Transactic Code (Instr. 8)	4. Securities oner Disposed (Instr. 3, 4 and Amount	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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	10/01/2009			A(1)	147.3477	A	\$ 30.54	5,582.14 (2)	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 Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amour	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)						
									Amount		
						Date	Expiration		Or Number		
						Exercisable Date	Date		Number of		
				Code V	(A) (D)				Shares		
				Code v	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
r g	Director	10% Owner	Officer	Other			
GREEN SUSAN MIRANDA							
5917 RYLAND DRIVE	X						
BETHESDA, MD 20817							

Signatures

Traci L. Forrester by Power of Attorney 10/05/2009

**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).
- Reflects number of Common Shares credited to the account of the Reporting Person in payment of the Reporting Person's Required (1) Quarterly Retainer for the fourth quarter of 2009 under the Cliffs Natural Resources Inc. Nonemployee Directors Compensation Plan ("Plan"). Full shares earned in 2009 will be issued effective January 4, 2010.
- On July 14, 2009, Cliffs Natural Resources Inc. (the "Company") declared a dividend of \$.04 per share, payable to all holders of record as (2) of August 14, 2009 of common stock payable on September 1, 2009. The amount shown reflects .7021 shares acquired pursuant to a Dividend Reinvestment and Stock Purchase Plan for the Company's Common Stock.

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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