| FORM | 4 |
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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). |

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

SEC 1474 (9-02)

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 Type Respon | ises) | | - | | | | | | | | |
|-----------------------------------|--|------------|------------------------|--|--|-------------------------|--|-------------|--|---|--|
| 1. Name and Address CUNNINGHAM | 2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) | | | | |
| 200 PUBLIC SQ | 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2009 | | | | | | | | | | |
| CLEVELAND, O | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | | 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) | Ta | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | |
| 1.Title of Security (Instr. 3) | v | | Execution Date, if any | Code (A) or Disposed (Instr. 8) (Instr. 3, 4 and 5 | | | posed of (D) | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | 6. 7. Nature Ownership Form: Beneficial | |
| | | | Price | (Instr. 3 and 4) | Direct (D) or Indirect (I) (Instr. 4) | Ownership (Instr. 4) | | | | | |
| Common Stock | | 04/01/2009 | | A ⁽¹⁾ | | 262.605 | A | \$ 19.04 | 6,377.6562 ⁽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 information contained in this form are not 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) | | | | | | | | | | | | | |
|-------------|--|------------------|--------------------|-------------|-----------|----------|--------------|------------|--------|---------|-------------|----------------|-------------|-------------|
| 1. Title of | 2. | 3. Transaction | 3A. Deemed | 4. | 5. | | 6. Date Exer | rcisable | 7. Tit | le and | 8. Price of | 9. Number of | 10. | 11. Nature |
| Derivative | Conversion | Date | Execution Date, if | Transaction | Nu | mber | and Expirati | on Date | Amo | unt of | Derivative | Derivative | Ownership | of Indirect |
| Security | or Exercise | (Month/Day/Year) | any | Code | of | | (Month/Day | /Year) | Unde | rlying | Security | Securities | Form of | Beneficial |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Der | rivative | | | Secur | rities | (Instr. 5) | Beneficially | Derivative | Ownership |
| | Derivative | | | | Sec | urities | | | (Instr | . 3 and | | Owned | Security: | (Instr. 4) |
| | Security | | | | Aco | quired | | | 4) | | | 0 | Direct (D) | |
| | | | | | (A) | | | | | | | T T | or Indirect | |
| | | | | | | posed | | | | | | Transaction(s) | | |
| | | | | | of (| · · · · | | | | | | (Instr. 4) | (Instr. 4) | |
| | | | | (Instr. 3, | | | | | | | | | | |
| | | | | | 4, and 5) | | | | | | | | | |
| | | | | | | | | | | Amount | | | | |
| | | | | | | | Date | Expiration | | or | | | | |
| | | | | | | | Exercisable | | Title | Number | | | | |
| | | | | | | | Excicisable | Date | | of | | | | |
| | | | | Code V | (A) |) (D) | | | | Shares | | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|--------------|---------|-------|--|--|--|
| | Director | 10% Owner | Officer | Other | | | |
| CUNNINGHAM SUSAN M 200 PUBLIC SQUARE STE. 3300 CLEVELAND, OH 44114 | Х | | | | | | |

Signatures

 George W. Hawk, Jr. by Power of Attorney
 04/02/2009

 **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 second 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.
- 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 February 17, 2009 of (2) common stock payable on March 2, 2009. The amount shown reflects 19.1714 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.