Mee Terrence R Form 3 February 07, 2011

FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person * 2. Date of Event 3. Issuer Name and Ticker or Trading Symbol Requiring Statement Mee Terrence R CLIFFS NATURAL RESOURCES INC. [CLF] (Month/Day/Year) (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original 01/27/2011 Person(s) to Issuer Filed(Month/Day/Year) 1100 SUPERIOR (Check all applicable) **AVENUE, Â SUITE 1500** (Street) 6. Individual or Joint/Group Director 10% Owner Filing(Check Applicable Line) X Officer Other _X_ Form filed by One Reporting (give title below) (specify below) Person CLEVELAND. OHÂ 44114-2544 SVP Global Iron Ore & Metallic _ Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 4. Nature of Indirect Beneficial (Instr. 4) Beneficially Owned Ownership Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Common Stock 10,652 (1) D Â 537 (2) Common Stock **Bv VNODC** Ι Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) 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

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

currently valid OMB control number.

6. Nature of Indirect 1. Title of Derivative Security 3. Title and Amount of 2. Date Exercisable and 4. 5. (Instr. 4) **Expiration Date** Securities Underlying Conversion Ownership Beneficial Ownership (Month/Day/Year) **Derivative Security** or Exercise Form of (Instr. 5) Price of Derivative (Instr. 4) Derivative Security:

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Date Expiration Title Exercisable Date

Amount or Security Number of Shares Direct (D) or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer

Other

Mee Terrence R

1100 SUPERIOR AVENUE SUITE 1500

Â SVP Global Iron Ore & Metallic

CLEVELAND, OHÂ 44114-2544

Signatures

Gina K. Gunning by Power of Attorney

02/07/2011

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) The total includes 6,972 directly held common shares and 600, 2050 and 1030 outstanding restricted share units from the 2008, 2009 and 2010 Performance Share grants, respectively, acquired pursuant to the Cliffs Natural Resources 2007 Incentive Equity Plan.
- (2) Held for the benefit of the Reporting Person by the Cliffs Natural Resources Inc. 2005 Voluntary Non-Qualified Deferred Compensation Plan (VNQDC).

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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