

Mee Terrence R
 Form 4
 February 15, 2012

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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 *
 Mee Terrence R

2. Issuer Name and Ticker or Trading Symbol
 CLIFFS NATURAL RESOURCES INC. [CLF]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 1100 SUPERIOR AVENUE, SUITE 1500
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 02/13/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP Global Iron Ore & Metallic

CLEVELAND, OH 44114-2544

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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 Ownership (Instr. 4) | | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|----------------------|---|-------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 02/13/2012 | | A ⁽¹⁾ | | 461 | A | \$ 71.89 | 1,192 ⁽²⁾ | I | By VNQDC ⁽³⁾ |
| Common Stock | 02/13/2012 | | A ⁽¹⁾ | | 102 | A | \$ 71.89 | 1,294 | I | By VNQDC ⁽³⁾ |
| Common Stock | 02/13/2012 | | A ⁽⁴⁾ | | 8,764 | A | \$ 71.89 | 20,944 | D | |
| Common Stock | 02/13/2012 | | F ⁽⁵⁾ | | 3,485 | D | \$ 71.89 | 17,459 | D | |

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- (5) Reflects the surrender of 2,860 performance shares and 625 restricted share units from the 2009-2011 performance period in payment of the related tax liability incurred by the Reporting Person as a result of the award.

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