tor

UNITED STATES SECURITIES ÅND EXCHANGE COMPANSION !!! Washington, D.C. 20549

³ ~OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

| may e Instru | ontinue. See ction 1(b). | Filed | pursuant t | o Section | n 16(a | a) of the Investn | Securitienent Com | es Ex ipan | xchange . y Act of | Act of 1 1940 | 1934 c | or Section | n 30(h) of | | | | |
|---|--------------------------|-------|------------|-----------|--------|---|-------------------|---------------|-----------------------|------------------|--------|------------|--|--|--|--|--|
| (Print or Type Responses) 1. Name and Address of Reporting Person * Eldridge Barry J | | | | | | 2. Issuer Name and Ticker or Trading Symbol CLIFFS NATURAL RESOURCES INC. [CLF] | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Direc io N/A T en n n n x To | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | - | | | | | | | | | | | | |

- * 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 third 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 \$.04 per share, payable to all holders of record as of May 22, 2009 of
- (2) common stock payable on June 1, 2009. The amount shown reflects 8.7934 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.