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

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

May 6, 2011

Cliffs Natural Resources Inc.

(Exact name of registrant as specified in its charter)

Ohio

1-8944

34-1464672

(State or other jurisdiction
of incorporation)

(Commission
File Number)

(I.R.S. Employer
Identification No.)

200 Public Square, Suite 3300, Cleveland, Ohio

44114-2315

(Address of principal executive offices)

(Zip Code)

Registrant's telephone number, including area code:

216-694-5700

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01 Other Events.

On July 21, 2010, the Dodd-Frank Wall Street Reform and Consumer Protection Act (the "Dodd-Frank Act") was enacted. Section 1503(b)(1) of the Dodd Frank Act requires the disclosure on a Current Report on Form 8-K of the receipt of an imminent danger order issued under section 107(a) (an "Order") of the Federal Mine Safety and Health Act of 1977.

On May 6, 2011, United Taconite LLC (the "Company"), a wholly-owned subsidiary of Cliffs Natural Resources Inc., received an Order dated April 28, 2011 from the federal Mine Safety and Health Administration stating, among other things, that an employee at the Company's plant was observed conducting maintenance while standing on the frame work of a conveyor, which was 46.5 inches high, without railings or without wearing fall protection. The employee came down from the area, which immediately terminated the Order.

The conditions cited in the Order referred to above did not result in an accident or injury and had no material adverse impact on the Company's operations at the plant.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

May 10, 2011

Cliffs Natural Resources Inc.

By: */s/ Gina K. Gunning*

Name: Gina K. Gunning

Title: General Counsel, Corporate Affairs and Secretary