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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):

August 5, 2009

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.**

Oak Grove Resources, LLC, a wholly owned subsidiary of Cliffs Natural Resources Inc., published a news release dated August 5, 2009 as follows:

**OAK GROVE RESOURCES CALLING BACK 100 EMPLOYEES**

ADGER, AL, August 5, 2009 – Cliffs Natural Resources Inc. (NYSE:CLF) (Paris:CLF) today announced that its wholly owned subsidiary, Oak Grove Resources, LLC, is calling back to work about 100 employees at its Oak Grove mine. Employees are expected to return to work early in August and bring the total number of employees working at the mine to about 250.

The call back was prompted by a modest improvement in current orders and in the market expectations going forward.

The Oak Grove mine is located near Adger, AL, and produces metallurgical coal for the steel industry. Metallurgical coal demand has been reduced as the steel industry has cut back production in the face of the global economic slowdown

**ABOUT CLIFFS NATURAL RESOURCES INC.**

Cliffs Natural Resources is an international mining and natural resources company. We are the largest producer of iron ore pellets in North America, a major supplier of direct-shipment lump and fines iron ore out of Australia and a significant producer of metallurgical coal. With core values of environmental and capital stewardship, our colleagues across the globe endeavor to provide all stakeholders operating and financial transparency as embodied in the Global Reporting Initiative (GRI) framework. Our Company is organized through three geographic business units:

The North American business unit is comprised of six iron ore mines owned or managed in Michigan, Minnesota and Eastern Canada, and two coking coal mining complexes located in West Virginia and Alabama. The Asia Pacific business unit is comprised of two iron ore mining complexes in Western Australia and a 45% economic interest in a coking and thermal coal mine in Queensland, Australia. The South American business unit includes a 30% interest in the Amapá Project, an iron ore project in the state of Amapá in Brazil.

Over recent years, Cliffs has been executing a strategy designed to achieve scale in the mining industry and focused on serving the world's largest and fastest growing steel markets.

News releases and other information on the Company are available on the Internet at:

<http://www.cliffsnaturalresources.com> or  
[www.cliffsnaturalresources.com/Investors/Pages/default.aspx?b=1041&l=1](http://www.cliffsnaturalresources.com/Investors/Pages/default.aspx?b=1041&l=1)

This news release contains predictive statements that are intended to be made as "forward-looking" within the safe harbor protections of the Private Securities Litigation Reform Act of 1995. Although the Company believes that its forward-looking statements are based on reasonable assumptions, such statements are subject to risk and uncertainties. Actual results may differ materially from such statements for a variety of reasons, including: the length and extent of any improvement in current orders, changes in future market conditions, changes in the sales volumes or mix; the impact of consolidation and rationalization in the steel industry; availability of capital equipment and component parts; changes in the financial condition of the Company's customers; rejection of contracts and/or venture agreements by customers and/or participants under provisions of the U.S. Bankruptcy Code or similar statutes in other countries; events or circumstances that could impair or adversely impact the viability of the mine and the carrying value of associated assets; inability to achieve expected production levels; reductions in current resource estimates; failure to receive or maintain required environmental permits; problems with productivity, labor disputes, weather conditions, fluctuations in ore grade and tons mined.

Reference is also made to the detailed explanation of the many factors and risks that may cause such predictive statements to turn out differently, set forth in the Company's Annual Report and Reports on Form 10-K and previous news releases filed with the Securities and Exchange Commission, which are publicly available on Cliffs Natural Resources' website. The information contained in this document speaks as of the date of this news release and may be superseded by subsequent events.

SOURCE: Cliffs Natural Resources Inc.

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**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.

*August 5, 2009*

Cliffs Natural Resources Inc.

By: *George W. Hawk, Jr.*

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*Name: George W. Hawk, Jr.*

*Title: General Counsel and Secretary*