
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):

September 11, 2007

Cleveland-Cliffs Inc

(Exact name of registrant as specified in its charter)

Ohio

(State or other jurisdiction
of incorporation)

1-8944

(Commission
File Number)

34-1464672

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

1100 Superior Avenue, Cleveland, Ohio

(Address of principal executive offices)

44114-2589

(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 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On September 11, 2007, the Board of Directors of Cleveland-Cliffs Inc (the "Company") appointed Laurie Brlas as Chief Accounting Officer in addition to her current position as Senior Vice President - Chief Financial Officer and Treasurer. As previously disclosed, Ms. Brlas, 50, joined the Company in December 2006 as Senior Vice President – Chief Financial Officer and Treasurer. Ms. Brlas was previously employed with STERIS Corporation as Senior Vice President, Chief Financial Officer from 2000 to December 2006. No change was made to Ms. Brlas' compensation as a result of her appointment as Chief Accounting Officer.

Prior to September 11, 2007, Robert J. Leroux, Vice President and Controller, served as the Company's Chief Accounting Officer. Effective October 1, 2007, Mr. Leroux was appointed as Vice President – Finance.

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.

October 4, 2007

Cleveland-Cliffs Inc

By: *George W. Hawk, Jr.*

Name: George W. Hawk, Jr.

Title: General Counsel and Secretary