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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):

May 10, 2005

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 8.01. Other Events.**

On May 10, 2005, Cleveland-Cliffs Inc (the "Company") announced that the Board of Directors of the Company declared the payment of a scheduled quarterly cash dividend for both the Common Stock and Preferred Stock. Two press releases regarding the dividend declarations were published on May 10, 2005 and are contained in Item 9.01 as Exhibit 99(a) and (b) and incorporated into this Item 8.01 by reference.

**Item 9.01. Financial Statements and Exhibits.**

(c) Exhibits

99(a) Cleveland-Cliffs Inc published a news release on May 10, 2005 captioned "Cleveland-Cliffs Declares Dividend on Common Stock"

99(b) Cleveland-Cliffs Inc published a news release on May 10, 2005 captioned "Cleveland-Cliffs Declares Dividend on Preferred Stock"

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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.

*May 11, 2005*

Cleveland-Cliffs Inc

*By: George W. Hawk, Jr.*

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*Name: George W. Hawk, Jr.*

*Title: General Counsel and Secretary*

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Exhibit Index

<u>Exhibit No.</u>	<u>Description</u>
99.a	Cleveland-Cliffs Inc published a news release on May 10, 2005 captioned "Cleveland-Cliffs Declares Dividend on Common Stock"
99.b	Cleveland-Cliffs Inc published a news release on May 10, 2005 captioned "Cleveland-Cliffs Declares Dividend on Preferred Stock"

**NEWS RELEASE**

**Cleveland-Cliffs Declares Dividend on Common Stock**

Cleveland, OH—May 10, 2005—Cleveland-Cliffs Inc (NYSE: CLF) today announced that its Board of Directors declared a regular quarterly cash dividend of \$0.10 per common share payable on June 1, 2005, to shareholders of record as of the close of business on May 20, 2005. This dividend rate is the same amount declared in the prior quarter.

\* \* \* \* \*

Cleveland-Cliffs Inc, headquartered in Cleveland, Ohio, is the largest producer of iron ore pellets in North America and sells the majority of its pellets to integrated steel companies in the United States and Canada. Cleveland-Cliffs Inc operates a total of six iron ore mines located in Michigan, Minnesota and Eastern Canada. The Company is majority owner of Portman Limited, the third-largest iron ore mining company in Australia, serving the Asian iron ore markets with direct-shipping fines and lump ore.

Contacts:

Media: (216) 694-4870

Financial Community: (800) 214-0739 or (216) 694-5459

News releases and other information on the Company are available on the Internet at [www.cleveland-cliffs.com](http://www.cleveland-cliffs.com)

**NEWS RELEASE**

**Cleveland-Cliffs Declares Dividend on Preferred Stock**

Cleveland, OH—May 10, 2005—Cleveland-Cliffs Inc (NYSE: CLF) today announced that its Board of Directors has authorized a scheduled dividend payment on the Company's 3.25% Redeemable Cumulative Convertible Perpetual Preferred Stock. A cash payment of \$8.125 per share will be payable on July 15, 2005, to Preferred Stock shareholders of record on July 1, 2005.

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Cleveland-Cliffs Inc, headquartered in Cleveland, Ohio, is the largest producer of iron ore pellets in North America and sells the majority of its pellets to integrated steel companies in the United States and Canada. Cleveland-Cliffs Inc operates a total of six iron ore mines located in Michigan, Minnesota and Eastern Canada. The Company is majority owner of Portman Limited, the third-largest iron ore mining company in Australia, serving the Asian iron ore markets with direct-shipping fines and lump ore.

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