

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

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SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)*

Cleveland-Cliffs Inc

(Name of Issuer)

Common Stock

(Title of Class of Securities)

185896107

(CUSIP Number)

October 31, 2007

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Item 1.

- (a) **Name of Issuer**
Cleveland-Cliffs Inc
- (b) **Address of Issuer's Principal Executive Offices**
1100 Superior Avenue
Cleveland, OH 44114

Item 2.

- (a) **Name of Person Filing**
Wellington Management Company, LLP ("Wellington Management")
- (b) **Address of Principal Business Office or, if None, Residence**
75 State Street
Boston, MA 02109
- (c) **Citizenship**
Massachusetts
- (d) **Title of Class of Securities**
Common Stock
- (e) **CUSIP Number**
185896107

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

- (a) Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
- (b) Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) Insurance Company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) Investment Company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) An investment adviser in accordance with Rule 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with Rule 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with Rule 240.13d-1(b)(1)(ii)(G);
- (h) A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) Group, in accordance with Rule 240.13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount Beneficially Owned:
Wellington Management, in its capacity as investment adviser, may be deemed to beneficially own 5,332,565 shares of the Issuer which are held of record by clients of Wellington Management.
- (b) Percent of Class:
13.00%
- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote 0
 - (ii) shared power to vote or to direct the vote 4,437,405
 - (iii) sole power to dispose or to direct the disposition of 0
 - (iv) shared power to dispose or to direct the disposition of 5,281,965

Item 5. Ownership of Five Percent or Less of Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following:

Item 6. Ownership of More than Five Percent of Class of Issuer's Securities as of the Reporting Date

