

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

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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.

CLIFFS NATURAL RESOURCES INC.

By: /s/ George W. Hawk, Jr.
Name: George W. Hawk, Jr.
Title: General Counsel and Secretary

Date: March 10, 2010

Exhibit Index

<u>Exhibit Number</u>	<u>Description</u>
10(a)	Cliffs Natural Resources Inc. Nonemployee Directors' Compensation Plan (Amended and Restated as of December 31, 2008) (filed as Exhibit 10(nnn) to Form 10-K of Cliffs Natural Resources Inc. on February 26, 2009 and incorporated by reference)
10(b)	Form of Indemnification Agreement between Cliffs Natural Resources Inc. (formerly Cleveland-Cliffs Inc.) and Directors (filed as Exhibit 10(f) to Form 10-K of Cliffs Natural Resources Inc. on February 2, 2001 and incorporated by reference)
99(a)	Press Release dated March 9, 2010

