

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-

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

Award Grant

On March 8, 2010, the Compensation and Organization Committee of the Board of Directors of Cliffs Natural Resources Inc. (the "Company") approved a target grant of 12,480 per year.

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.

Mr. Kirsch received a bachelor's degree in marketing from Ohio State University. In addition to Cliffs, he currently serves as a member of the board of directors of the Greater Cleveland Partnership and John Carroll University in University Heights, Ohio.