PEABODY ENERGY CORP Form 8-K May 18, 2010

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 18, 2010

PEABODY ENERGY CORPORATION

(Exact name of registrant as specified in its charter)

Delaware	1-16463	13-4004153
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)
701 Market Street, St. Louis, Missouri		63101
(Address of principal executive offices)		(Zip Code)
Registrant s telephone number, including area code:		(314) 342-3400
	Not Applicable	
Former na	me or former address, if changed since l	ast report
Check the appropriate box below if the Form 8-K filing the following provisions:	ing is intended to simultaneously satisfy	the filing obligation of the registrant under any of
 Written communications pursuant to Rule 425 ur Soliciting material pursuant to Rule 14a-12 unde Pre-commencement communications pursuant to Pre-commencement communications pursuant to 	r the Exchange Act (17 CFR 240.14a-12 Rule 14d-2(b) under the Exchange Act) (17 CFR 240.14d-2(b))

Top of the Form Item 7.01 Regulation FD Disclosure.

On May 9, 2010, Peabody Energy Corporation ("Peabody") announced that it had submitted a revised definitive proposal to acquire a controlling interest in Macarthur Coal Limited (ASX: MCC). On May 18, 2010, Macarthur made a public announcement that the Macarthur Board has met and considered Peabody's revised proposal and formed the view that based on the price and the conditions of the proposal, that it cannot reasonably be recommended to shareholders. A copy of Peabody's press release responding to Macarthur's public announcement is furnished as Exhibit 99.1 hereto.

Item 9.01 Financial Statements and Exhibits.

Exhibit No. 99.1 Peabody press release dated May 18, 2010.

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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.

PEABODY ENERGY CORPORATION

May 18, 2010 By: Kenneth L. Wagner

Name: Kenneth L. Wagner

Title: Vice President, Assistant General Counsel and

Assistant Secretary

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Exhibit Index

Exhibit No.	Description
99.1	Peabody press release dated May 18, 2010.