



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

DIVISION OF
CORPORATION FINANCE

April 29, 2014

Via E-Mail

Gregory H. Boyce
Chief Executive Officer
Peabody Energy Corporation
701 Market Street
St. Louis, MO 63101

**Re: Peabody Energy Corporation
Form 10-K for the Year Ended December 31, 2013
Filed February 21, 2014
File No. 001-16463**

Dear Mr. Boyce:

We have reviewed your filing and have the following comment. Please respond to this letter within ten business days by amending your filing, by providing the requested information, or by advising us when you will provide the requested response. If you do not believe our comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your filing and the information you provide in response to this comment, we may have additional comments.

Form 10-K for the Year Ended December 31, 2013
Notes to the Consolidated Financial Statements, page F-8
(2) Asset Impairment and Mine Closure Costs, page F-15

1. We note there were impairment indicators in your Western and Midwestern mining segments during the current fiscal year. Please tell us whether any of the asset groups in these segments were considered at risk of impairment (i.e. the asset group had a fair value that was not substantially in excess of its carrying value). To the extent there were at-risk asset groups, please provide us with (i) the percentage by which fair value exceeded carrying value as of the date of the most recent test, (ii) a description of the methods and key assumptions used and how the key assumptions were determined, (iii) a discussion of the degree of uncertainty associated with the key assumptions and (iv) a description of potential events and/or changes in circumstances that could reasonably be expected to negatively affect the key assumptions. Please also confirm you will include these disclosures in future filings, as applicable.

Gregory H. Boyce
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We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable Exchange Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

In responding to our comments, please provide a written statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to the filing; and
- the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

You may contact Jamie Kessel, Staff Accountant, at (202) 551-3727) or Angela Halac, Senior Accountant, at (202) 551-3398 if you have questions regarding this comment.

Sincerely,

/s/Tia L. Jenkins

Tia L. Jenkins
Senior Assistant Chief Accountant
Office of Beverages, Apparel, and
Mining