

**CUMBERLAND COAL RESOURCES, LP**

855 Kirby Road  
Waynesburg, PA 15370

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Dear Mr. Sattar Lodhi:

With reference to our USNRC Materials License number 37-31044-01, I wish to amend the following:

1. On page one, item 7 A, Californium 252, the reference to the model number from Frontier Technologies is to read "Model 100 Series." This will include all model sources made by Frontier for the future, whether double encapsulated in stainless steel or zircalloy.
2. On page one, item 7A, the reference to the model numbers from QSA Global (formerly AEA Technologies, Inc.) should be changed to the generic designation "Model CVN.CYn", which gives opportunity in the future to use any of the QSA Global double encapsulated source models.
3. On page one, item 6, a Cesium-137 source is to be added to the license for the Berthold moisture meter installed inside the electronics cabinet of the analyzer. The Berthold model is LB 456, and requires a 10 mCi source. Initially, there will be one source and the maximum permitted is three.
4. On page one, item 7, the potential suppliers of the cesium source to be included in the license are:
  - a. Isotope Products, Model 225.
  - b. QSA Global, Model CDC.704 or 705.

These amendments are requested in order to cover the radioactive source requirements of the new analyzer, the CQM we have purchased from Thermo Fisher Scientific, and to provide more flexibility in operation for the future. The CQM is also known as model CB-HI, and is registered in the State of California under its SS&D number CA 0305-D-106-S.

Our intent is to have the two existing Cf-252 sources (activity 3.5 micrograms each) in the Sabia analyzer removed and placed in the CQM, then topped up with a fresh source of 12 micrograms to total 19 micrograms for initial operation of the CQM.

With the scheduled arrival of the CQM in February, 2008, I kindly request you to expedite the amendment approval so that the sources can be purchased and arrive on site shortly thereafter.

If you have any questions, I would be pleased to address them.

Best regards,  
Paul Bradley

 RSO

An affiliate of  
**FOUNDATION COAL**

Telephone: 724-627-7500

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NMSS/RGN1 MATERIALS-002