



GIBSON COUNTY COAL, LLC

March 31, 2021

Ms. Laura B. Cender
U.S. Nuclear Regulatory Commission
Materials Licensing Branch

**RE: Gibson County Coal, LLC Radioactive Materials License # 13-32272-01
Pending NRC License Renewal Response to a Request for Additional Information**

Dear Ms. Cender:

This is Gibson County Coal's response to a request for additional information regarding the NRC license renewal. This response will correct and clarify answers to questions raised during our phone conversation on February 9, 2021. This response will answer questions as they are numerically listed on the phone conversation record.

1. Materials to be Possessed and Proposed Uses

- a. The device manufacturer and model for section 5b was intended to state that the 11 mCi Cs-137 source is housed in the Gamma-Metrics Model CB-HI analyzer
- b. The single, maximum activity for the Thermo Fisher Scientific model 5201 is 100 mCi, for the 5202 model, the single, maximum activity is 500 mCi.
Gibson County, LLC does not possess any Thermo Fisher Scientific model number 5201A gauge at this time. As such, we request this model be removed from the license.
- c. The Gamma Metrics Model CB-HI analyzer and the Real Time Instruments PTY LTD. Model Ashcan have been taken out of service and returned to the manufacturer. However, it's requested that these analyzers remain on the license. Should market conditions change and these units become necessary, these devices could easily be to be put back into service.

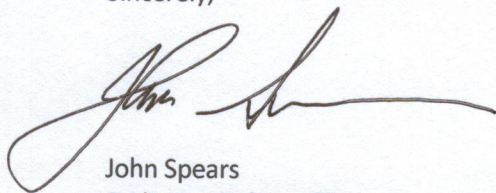
2. Item 10.2 Radiation Safety Program-Radiation Monitoring Instruments

- a. We will use instruments that meet the criteria in Section 8.10.2, "Radiation Monitoring Instruments," in NUREG-1556 Vol. 4 Rev. 1 "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses" and each radiation survey meter will be calibrated by the manufacturer or other person authorized by the NRC of an Agreement State to perform radiation survey meter calibrations.

3. Facilities

- a. No response is required for this item.

Sincerely,



John Spears
Radiation Safety Officer

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From: [Cender, Laura](#)
To: [Pavon, Sandy](#)
Subject: Files for ADAMS
Date: Thursday, June 17, 2021 2:29:19 PM
Attachments: [665 Response to Request for Additional Information March 31.pdf](#)
[Response to Request for Additional Information March 31.pdf](#)
[665 Response to Request for Additional Information April 19.pdf](#)
[Response to Request for Additional Information April 19.pdf](#)

Hello Sandy,

Please place the attached files into ADAMS for Gibson County Coal, LLC.

Thank you,
Laura

Laura Cender
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Materials Licensing Branch
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