



PEABODY Midwest Mining, LLC
566 Dickeyville Road
Lynnville, IN 47619

April 8, 2021

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

**RE: Materials License Amendment
Peabody Midwest Mining, LLC – Somerville & Francisco Prep Plant Analyzer
License # 13-26785-01**

Dear Ms. Cender:

Peabody Midwest Mining, LLC requests to amend Materials License No. 13-26785-01. Somerville Central Preparation Plant is no longer in possession of the sources listed in Part 6C of the Materials License.

The following attachments were sent to you via email on 4/8/21:

1. NRC Form 748B
2. Shipping Paperwork dated 2/6/2020
3. Source Acknowledgement from SABIA, Inc dated 2/26/2020.

If you have any questions, please contact Karen Risner at krisner@peabodyenergy.com or 812-922-1048.

Sincerely,

Alan Pancake
RSO

A handwritten signature in black ink, appearing to be "Alan Pancake", written over the printed name.

Enclosure

cc: Somerville NRC File
Francisco NRC File



10919 Technology Place, Ste A
San Diego, CA 92127, USA
Tel: +1-858-217-2200
Fax: +1-858-217-2203
www.sabiainc.com
NRC License # 11-27727-01

February 26, 2020

Ora Martin
RSO
Peabody Energy
Somerville Preparation Plant
6280 S. County Road 1025 East
Oakland City, IN 47660

Dear Ora,
SABIA Inc is acknowledging the receipt of the following Californium Cf-252 sources February 26, 2020:

FTC-CF-3660

FTC-CF-4467

FTC-CF-4468

FTC-CF-6749

If you have any questions, please contact me.

Respectively,
Cody York
Field Service Engineer
O: (858) 217-2282
C: (760) 310-3294
cyork@sabiainc.com



ORIGINAL - NOT NEGOTIABLE

SHIPPER
PLEASE NOTE

FREIGHT CHARGES ARE PREPAID UNLESS MARKED COLLECT



COLLECT

Driver's signature acknowledges receipt of freight only. Received shipment is subject to terms of a written contract, if any, otherwise subject to the terms, conditions and limitations of liability set forth in XPO Logistics Freight, Inc. rules tariff. (see www.xpo.com)

936-773434

XPOLogistics

PLACE PRO LABEL HERE

DATE 2/06/20	P.O. NO.	SHIPPER NO. SN: 2381
CUSTOMER'S SPECIAL REFERENCE NUMBER		

SHIPPER (FROM) Somerville Central Preparation Plant		CONSIGNEE (TO) SABIA, Inc	
STREET 6280 S. County Road 1025 East		STREET 10919 Technology Place Suite A	
CITY, STATE/PROVINCE, ZIP/POSTAL CODE Oakland City, IN 47660		CITY, STATE/PROVINCE, ZIP/POSTAL CODE San Diego, CA 92127	
(TELEPHONE)		(TELEPHONE) (858) 217-2200	
BILL TO SABIA, Inc		CUSTOMS BROKER	
STREET 10919 Technology Place Suite A		STREET	
CITY, STATE/PROVINCE, ZIP/POSTAL CODE San Diego, CA 92127		CITY, STATE/PROVINCE, ZIP/POSTAL CODE	
(TELEPHONE) (858) 217-2200		(TELEPHONE)	
ACCOUNT CODE		<input type="checkbox"/> Guaranteed	

NUMBER SHIPPING UNITS	HM	KIND OF PACKAGING, DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS Hazardous material sequence (ISHP) must read: UN/NA ID#, proper Shipping name, Hazard class and Packing group (SUBJECT TO INSPECTION AND CORRECTION)	NMFC NO.	CLASS OR DENSITY OF ARTICLES	WEIGHT (Subject to Correction) = lb kg
1	X	UN3332, Radioactive Material, Type A Package, Special Form, Non Fissile, Class 7, Californium-252	164900-2	100	275
drum		solid CfPd alloy, 1 Type A Package x 0.31 Gbq...TI: 3.5			
		LABELED "RADIOACTIVE YELLOW III" PLACARDS REQUIRED			
		Emergency Contact: Chemtrec 800-424-9300 CCN: 19389			

COD AMOUNT: \$ _____
☐ U.S. ☐ Canadian
 COD ☐ Prepaid
 Fee: ☐ Collect

REMIT COD TO		
ADDRESS		
CITY	STATE/PROVINCE	ZIP/POSTAL CODE

NOTE: Consignee's company check made payable to the Shipper will be accepted by XPO Logistics Freight and forwarded to shipper unless otherwise directed to do so by the shipper.

Notice: Unless the Shipper completes the requirements as provided below, Carrier's liability shall be limited as stated herein and in Tariff CNWY-199 in effect on date of shipment, which is available on line at www.xpo.com or may be obtained upon request to Carrier. Shipment is subject to the release value provisions of the NMFC as set forth in paragraph 2 on the reverse side of this Bill of Lading. In no event shall Carrier be liable for loss of profit, income, interest, attorney fees, or any special, incidental or consequential damages.

Carrier liability with shipment originating within the United States: Carrier's liability shall be based on actual NMFC class of the shipment and is limited between \$1.00 and \$25.00 per pound as set forth in Tariff CNWY-199. Carrier's liability for all household goods, personal effects, and articles other than new, including but not limited to used, remanufactured or refurbished articles shall not exceed \$1.00 per pound per individual lost or damaged piece within the shipment. Carrier's highest level of liability is \$25.00 per pound per individual lost or damaged piece within the shipment, subject to \$150,000.00 maximum total liability per shipment. Shipper may increase Carrier's limits on liability if the Shipper declares excess value on the Bill of Lading below, requests excess liability coverage from the Carrier and pays an additional charge. For this purpose the declared value of the property is hereby specifically stated by the Shipper to be \$ _____, and Shipper agrees to pay an additional charge for excess liability coverage. Total declared value may not exceed \$650,000.00 per shipment.

Carrier liability with shipment originating within Canada: Unless the Shipper completes the Special Agreement below, declares the value in the box below and agrees to pay the excess liability charge by initialing where indicated, Carrier's maximum liability is CAN\$2.00 per pound (CAN\$4.41 per kilogram) per individual lost or damaged piece within the shipment, subject to a maximum total liability per shipment of CAN\$20,000.00, and provided further that Carrier's liability on household goods, personal effects articles other than new articles, including but not limited to used, remanufactured or refurbished articles, shall not exceed one dollar (\$1.00) (CAN) per pound per individual lost or damaged piece within the shipment.

SPECIAL AGREEMENT: Declared Value: CAN \$ _____ per pound. (Declared value may not exceed CAN \$100,000.00 per shipment.)
 Shipper agrees to pay excess liability charge: _____ (Shipper's Initials)

Where the NMFC classification is dependent on value, shippers are required to state specifically below in writing the declared value of the property as follows: The declared value of the property is specifically stated by the shipper to be not exceeding \$ _____

Shipper's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Shipment Received: The shipment is received subject to Tariff CNWY-199, Carrier's pricing schedules, terms, conditions and rules maintained at Carrier's general offices in effect on the date of issue of this Bill of Lading, as well as the National Motor Freight Classifications (NMFC), the Hazardous Materials Transportation Regulations (Title 49 - CFR, Subtitle B, Chapter 1, Sub Chapter A-C), and the Household Goods Mileage Guide (HHGB 105 Series), for shipments originating in the United States; and the Canadian Motor Vehicle Transport Act, the Transportation of Dangerous Goods Act, and the regulations in force in the provincial jurisdiction at the time and place of the shipment for shipments originating in Canada. The property described on this Bill of Lading is in apparent good order, but only to the extent that it is unconcealed and visible without further inspection and except as noted or marked. The property is consigned and destined as indicated above. The word Carrier is defined throughout this contract as meaning any person or corporation in possession of the property under this contract. It is mutually agreed as to Carrier and each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all of this Bill of Lading's terms and conditions in effect on the date of shipment, including, but not limited to, the "Terms and Conditions" listed on the back side of this Bill of Lading.

SHIPPER <i>Pebody Somerville / SABIA, Inc</i>	CARRIER <input type="checkbox"/> XPO LOGISTICS FREIGHT, INC. <input type="checkbox"/> XPO LOGISTICS FREIGHT CANADA INC.
AUTHORIZED SIGNATURE John Hagley	AUTHORIZED SIGNATURE <i>M. Brown</i>
	DATE 2-7-20
	NUMBER OF UNITS RECEIVED



10919 Technology Place, Ste A
San Diego, CA 92127
Bus: (858) 217-2200
Fax: (858) 217-2203

NRC License # 11-27727-01
CA License # 6663-37

Packing List and Product Certification

Ship From

Somerville Central Preparation Plant
6280 S. County Road 1025 East
Oakland City, IN 47660

P.O. Number

Source Manufacturer Contact Information

Frontier Technology Corporation
1641 Burnett Drive
Xenia, OH 45385
(937) 376-5691

Ship To

SABIA, Inc
10919 Technology Place Suite A
San Diego, CA 92127

Recipients Nuclear License Number

NRC License # 11-27727-01

Date Shipped

Feb 6, 2020

Shipped via

XPO

Shipping Information

Shipping Container Type: DOT7A Type A

Transportation Index 3.5 mrem/hr

Container Model Number	Container Serial Number	Weight (kg/lbs)	Seal Number
50220	2381	275	

Radiation Information

Meter Type	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
Gamma	Ludlum	12-4	215352	Dec 31, 2019	Jun 30, 2020
Neutron	Ludlum	42-31	PR216898	Dec 31, 2019	Jun 30, 2020

Radiation Type	Radiation Level (mrem/hr)	
	On Contact	At One Meter
Gamma	30	1.5
Neutron	20	2
Total	50	3.5

Contamination Level:
alpha < 20 dpm / 100 cm²
beta < 200 / 100 cm²
gamma < 1000 / 100 cm²

Source Data as of:

Isotope Cf-252	Serial Number	Model Number	Source Activity (ug)	Source Activity (GBq)	Contamination/100 cm ² (per source)
Cf-252	FTC-CF-3660	100SNS	3.91	0.078	alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
Cf-252	FTC-CF- 4889 4467	100	1.68	0.034	alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
Cf-252	FTC-CF- 6087 4468	100	1.65	0.033	alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
Cf-252	FTC-CF-6749	100S	8.14	0.163	alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
					alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
					alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
Other Isotopes	Serial Number	Model Number	Source Activity (mCi)	Source Activity (GBq)	Contamination/100 cm ² (per source)
					alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
					alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
					alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
					alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm

Certifications

Notice: A radiation safety specialist must be present when this container is opened

Special Form: (If Applicable) At the time of shipment, the sources in this shipment met the requirements for special form.

Leak Test: The sources in this shipment have passed the applicable leak test

Certificate of Conformance: The products covered by this document are certified to meet the requirements of the contract.

Certificate of Origin

Approval for Shipping

Date Feb 6, 2020

Date

FSE Signature

Reviewer Signature

Printed Name John Hagley

Printed Name

Digital Signature

Digital Signature

Radioactive Source Shipment Survey Form

CUSTOMER INFORMATION

Site Name and Address

Somerville Central Preparation Plant
6280 S. County Road 1025 East
Oakland City, IN 47660

Date of Source Shipment

Feb 6, 2020

SABIA Inc. Field Service Engineer Printed Name

John Hagley

SABIA Inc. Field Service Engineer Signature

SABIA Reviewer Signature

Site Contact

Ora Martin

Phone Number

812-795-4033

E-mail Address

omartin@peabodyenergy.com

SOURCE DATA

Type of Source	Quantity	Type of Radiation Emitted	Source Identification
Cf-252	4	Neutron, Alpha, Beta, Gamma	FTC-CF-3660, FTC-CF- 4367 , FTC-CF- 4368 & FTC-CF-6749 4467 7960

SHIPPING CONTAINER DATA

Container Type	Container Model Number	Container Serial Number	Weight (kg/lbs)
DOT7A Type A	50220	2381	275

SURVEY INSTRUMENTS USED

Meter Type	Manufacturer	Model Number	Serial Number	Cal Date	Cal Due Date
Neutron	Ludlum	42-31	PR216898	Dec 31, 2019	Jun 30, 2020
Gamma	Ludlum	12-4	215352	Dec 31, 2019	Jun 30, 2020
Leak Test	SE International	Inspector	10395	Oct 4, 2019	Oct 4, 2020

RADIOLOGICAL CONTROL

Removable Contamination > 185 Bq or 0.005 uCi ?

- ☐ Yes - This container is contaminated
☒ No - This container is **NOT** contaminated

Radiation Type	Radiation Levels of Container (mRem/hr)	
	On Surface	1 Meter
Gamma	30	2
Neutron	20	1.5



Emergency Response Information for Californium-252 (Cf-252) Sources

24 Hour Response: (800) 424-9300 CCN:19389

SOURCE INFORMATION

Date: February 6, 2020

Source: Cf-252

Activity: 0.31 GBq

Form: Solid

UN Number: 3332

Radiation Type	Radiation Level (mrem/hr)	
	Surface	1 meter
Gamma	30	2
Neutron	20	1.5
Total	50	3.5

GENERAL INFORMATION

RADIATION HAZARD	DESCRIPTION	DIMENSIONS
Neutron, Gamma - dose Alpha - contamination	Palladium cermet wire double encapsulated in a stainless steel capsule.	$\frac{3}{8}$ in. diameter 1½ in. length

INSTRUCTIONS

Source Intact

- ◆ DO NOT TOUCH SOURCE
- ◆ Place source back into the shipping container or a secured storage area. When handling source, use remote handling tools (tongs or pliers). The detector assembly can be handled directly.
- ◆ When moving the source, keep as much distance as possible between your person and the source.

Source Crushed

- ◆ DO NOT TOUCH BROKEN CAPSULE OR POWDER
- ◆ Rope off area approximately 10 feet around the source.
- ◆ Keep personnel away from area to prevent contamination.
- ◆ Personnel who may have walked through contaminated area or have accidentally touched the source should be segregated into a holding area to be checked for contamination.
- ◆ Notify the Radiological Emergency Response Organization in the area in which the accident occurred.



10919 Technology Place, Ste A
San Diego, CA 92127
Bus: +1 (858) 217-2200
Fax: +1 (858) 217-2203

NRC License # 11-27727-01
CA License # 6663-37

Nuclear Source Leak Test Report

Site Name and Address

Somerville Central Preparation Plant
6280 S. County Road 1025 East
Oakland City, IN 47660
USA

Analyzer/Gauge Model

SABIA, Inc. XC-5000-25

Serial Number

1204-600370-0011

Date of Leak Test

Jan 28, 2020

Site Contact

Ora Martin

SABIA Inc. Field Service Engineer Printed Name

John Hagley

Phone Number

812-795-4033

SABIA Inc. Field Service Engineer Signature

E-mail Address

omartin@peabodyenergy.com

Test Equipment Used to Perform Leak Test

Instrument Type	Instrument Mfg.	Model #	Serial #	Calibration Date	Calibration Due
Geiger-Mueller	SE International	Inspector	10395	Oct 4, 2019	Oct 4, 2020

Test Results

Reason for Leak Test

Decommission

Sealed Isotope	Isotope Serial #	Activity Level	Activity Measured In	Smear Contamination Level (Measured in microcuries)
Cf-252	FTC-CF-3660	3.91	micrograms	Less than 0.005
Cf-252	FTC-CF- 4050 4467	1.68	micrograms	Less than 0.005
Cf-252	FTC-CF- 4050 4460	1.65	micrograms	Less than 0.005
Cf-252	FTC-CF-6749	8.14	micrograms	Less than 0.005

Reviewer Signature

Reviewer Title

Review Date

The Leak Test results documented by this report were obtained using a wipe (smear with a cloth patch) test in accordance with ANSI N5.10 - 1968 Appendix Section B2.1. A nuclear source such as the Cf-252, Cs-137 and Am-241 isotopes tested herein are deemed acceptable by State and Federal authorities if the contamination found on a smear test is less than .005 microcuries. Alpha, Beta and Gamma contamination is measured in the Cf-252 smear and Beta and Gamma in the Cs-137.

NRC License Number, 11-27727-01, 4323 Commerce Circle, Suite B, Idaho Falls, ID 83401 State of California License Number, 6663-37, 10915 Technology Place, San Diego, CA 92127

NRC FORM 748B
(10-2019)
10 CFR 20.2207



U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0202

EXPIRES: 09/30/2022

Estimated burden per response to comply with this mandatory information collection request: 9.5 minutes. NRC requires this information to populate the National Source Tracking System for certain sealed sources. Send comments regarding burden estimate to the Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0202), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

TRANSFER SOURCE NATIONAL SOURCE TRACKING TRANSACTION REPORT

1. LICENSEE INFORMATION

A. LICENSEE NAME	B. LICENSE NO.	C. LICENSEE STREET ADDRESS	D. CITY	E. STATE	F. ZIP CODE
Peabody Midwest Mining	13-26785-01	566 Dickeyville Rd.	Lynnville	IN	47619

2. TRANSACTION DATE

3A. TRANSACTION INFORMATION

3B. TRANSACTION TYPE (Check all that apply)

(Only transactions completed on the same date may be reported together on this form)

☐ NEW

☐ CORRECTION

IF CORRECTION, PREVIOUS TRANSACTION DATE:

☐ REPORT SOURCE
INVENTORY

☒ TRANSFER

☐ RECEIPT

☐ DISPOSAL

☐ NEW SOURCE
MANUFACTURED

☐ IMPORT

☐ EXPORT

☐ DISASSEMBLE

4. PREPARER INFORMATION

A. NAME OF PREPARER	B. DATE PREPARED	C. PREPARER PHONE	D. PREPARER E-MAIL (REQUIRED FOR CONFIRMATION)
Karen Risner	4/7/21	812-922-1048	krisner@peabodyenergy.com

6. SOURCE TRANSFER DATA

A1. RECEIVING LICENSEE NAME	B1. RECEIVING LICENSEE LICENSE NO.	C1. RECEIVING LICENSEE SHIPPING ADDRESS	D1. CITY	E1. STATE	F1. ZIP CODE		
SABIA, Inc	11-27727-01	10919 Technology Place Suite A	San Diego	CA	92127		
G1. SOURCE MAKE	H1. SOURCE MODEL	I1. SOURCE SERIAL NUMBER	J1. ISOTOPE	K1. ACTIVITY AND UNIT	L1. ACTIVITY DATE	M1. WASTE MANIFEST NO. (For waste shipments only)	N1. CONTAINER ID (For waste shipments only)
Frontier Technology	100SNS	FTF-CF-3660	Cf-252	0.078 GBq	2/6/20		
O1. ESTIMATED ARRIVAL DATE	P1. COMMENTS						
2/8/20							

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

NRC FORM 748B (10-2019) 10 CFR 20.2207	U.S. NUCLEAR REGULATORY COMMISSION TRANSFER SOURCE NATIONAL SOURCE TRACKING TRANSACTION REPORT (continued)	LICENSEE NAME	LICENSE NO.
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6. SOURCE TRANSFER DATA (continued)

A2. RECEIVING LICENSEE NAME SABIA, Inc	B2. RECEIVING LICENSEE LICENSE NO. 11-27727-01	C2. RECEIVING LICENSEE SHIPPING ADDRESS 10919 Technology Place Suite A		D2. CITY San Diego	E2. STATE CA	F2. ZIP CODE 92127
G2. SOURCE MAKE Frontier Technology	H2. SOURCE MODEL 100	I2. SOURCE SERIAL NUMBER FTC-CF-4467	J2. ISOTOPE Cf-252	K2. ACTIVITY AND UNIT 0.034 GBq	L2. ACTIVITY DATE 2/6/20	M2. WASTE MANIFEST NO. (For waste shipments only) N2. CONTAINER ID (For waste shipments only)
O2. ESTIMATED ARRIVAL DATE 2/8/20	P2. COMMENTS					
A3. RECEIVING LICENSEE NAME SABIA, Inc	B3. RECEIVING LICENSEE LICENSE NO. 11-27727-01	C3. RECEIVING LICENSEE SHIPPING ADDRESS 10919 Technology Place Suite A		D3. CITY San Diego	E3. STATE CA	F3. ZIP CODE 92127
G3. SOURCE MAKE Frontier Technology	H3. SOURCE MODEL 100	I3. SOURCE SERIAL NUMBER FTC-CF-4468	J3. ISOTOPE Cf-252	K3. ACTIVITY AND UNIT 0.033 GBq	L3. ACTIVITY DATE 2/6/20	M3. WASTE MANIFEST NO. (For waste shipments only) N3. CONTAINER ID (For waste shipments only)
O3. ESTIMATED ARRIVAL DATE 2/8/20	P3. COMMENTS					

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

NRC FORM 748B (10-2019) 10 CFR 20.2207		U.S. NUCLEAR REGULATORY COMMISSION			LICENSEE NAME		LICENSE NO.				
TRANSFER SOURCE NATIONAL SOURCE TRACKING TRANSACTION REPORT (continued)											
6. SOURCE TRANSFER DATA (continued)											
A4. RECEIVING LICENSEE NAME SABIA, Inc		B4. RECEIVING LICENSEE LICENSE NO. 11-27727-01		C4. RECEIVING LICENSEE SHIPPING ADDRESS 10919 Technology Place Suite A		D4. CITY San Diego		E4. STATE <div>CA</div>	F4. ZIP CODE 92127		
G4. SOURCE MAKE Frontier Technology		H4. SOURCE MODEL 100S		I4. SOURCE SERIAL NUMBER FTC-CF-6749		J4. ISOTOPE <div>Cf-252</div>		K4. ACTIVITY AND UNIT 0.163 <div>GBq</div>	L4. ACTIVITY DATE 2/6/20	M4. WASTE MANIFEST NO. (For waste shipments only)	N4. CONTAINER ID (For waste shipments only)
O4. ESTIMATED ARRIVAL DATE 2/8/20		P4. COMMENTS									
A5. RECEIVING LICENSEE NAME		B5. RECEIVING LICENSEE LICENSE NO.		C5. RECEIVING LICENSEE SHIPPING ADDRESS		D5. CITY		E5. STATE	F5. ZIP CODE		
G5. SOURCE MAKE		H5. SOURCE MODEL		I5. SOURCE SERIAL NUMBER		J5. ISOTOPE		K5. ACTIVITY AND UNIT	L5. ACTIVITY DATE	M5. WASTE MANIFEST NO. (For waste shipments only)	N5. CONTAINER ID (For waste shipments only)
O5. ESTIMATED ARRIVAL DATE		P5. COMMENTS									
WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.											

INSTRUCTIONS TO NRC AND AGREEMENT STATE LICENSEES FOR REPORTING HIGH-RISK SEALED SOURCE TRANSACTIONS

The completed form is considered to be Official Use Only – Security Related Information; it is not considered to be Safeguards Information.

Use an addendum sheet for reporting additional sources.

Note to Licensees: This form may be used to report source transactions in lieu of using the NSTS online application. Sections 1-4 on Page 1 of the form are required for all source transaction types. Sections 5-12 should only be populated for the associated Transaction Type (3B) selected. For example, when reporting a Source Transfer and a Source Export, Sections 6 and 11 should be populated. Multiple Transaction Types may be selected if they occur on the same Transaction Date, and should be reported on NRC Form 748. Licensees reporting only one transaction type may use the condensed form for the Transaction Type. For example, when reporting a Source Receipt, NRC Form 748c should be used.

1. **Licensee Information** – Enter the name, license number, and street address of the licensed facility.
2. **Transaction Date** – Enter the date the transaction occurred, which would be the date of the transfer, receipt, manufacture, etc.
3. **Transaction Information and Transaction Type** – Indicate if this is a new transaction or a correction. For corrections, select the date of the previously submitted transaction that the correction should be associated with. Select the Transaction Type. Report Source should only be used for initial inventory submissions, or to report a source excluded from the initial inventory submission. Dispose Source should only be used by a Disposal Licensee. If you are sending your source back to the manufacturer, or sending it to a disposal facility, the transaction should be recorded as a Transfer. Multiple Transaction Types may be selected if they occur on the same Transaction Date.
4. **Preparer Information** – An email address is required for a confirmation. For regulatory purposes, your source transaction report is not considered complete without a confirmation from the NSTS Help Desk that the transaction report has been received.
5. **Source Inventory Data** – This section should only be used for initial inventory submissions. The Make, Model, and Serial Number refer to the Source, not the Device. All fields are required in Section 5 EXCEPT G. Comments. If the licensee is reporting multiple sources on the Source Inventory transaction at the same Source Location Address, the location address information may be populated once, and referenced in the Comments block for the additional sources.
6. **Source Transfer Data** – For Transfer transaction reports, all fields in Section 6 are required EXCEPT M. Waste Manifest Number, N. Container ID, and P. Comments. If the licensee is reporting multiple sources on the Transfer transaction to the same Receiving Licensee, the receiving licensee information may be populated once, and referenced in the Comments block for the additional sources.
7. **Source Receipt Data** – For Receipt transaction reports, all fields in Section 7 are required EXCEPT M. Waste Manifest Number, N. Container ID, and T. Comments. If the licensee is reporting multiple sources on the Receipt transaction at the same Source Location Address, the location address information may be populated once, and referenced in the Comments block for the additional sources.
8. **Source Disposal Data** – For Disposal transaction reports, all fields in Section 8 are required EXCEPT J. Comments. If the licensee is reporting multiple sources on the Disposal transaction at the same Source Disposal Address, the source disposal address information may be populated once, and referenced in the Comments block for the additional sources.
9. **New Manufactured Source Data** – For New Manufactured Source transaction reports, all fields in Section 9 are required EXCEPT F. Comments. If the licensee is reporting multiple sources on the Manufacturer transaction at the same Source Location Address, the location address information may be populated once, and referenced in the Comments block for the additional sources.
10. **Source Import Data** – For Import Source transaction reports, all fields are required EXCEPT L. Comments. If the licensee is reporting multiple sources on the Import transaction at the same Source Location Address, the location address information may be populated once, and referenced in the Comments block for the additional sources.
11. **Source Export Data** – For Export Source transaction reports, all fields are required EXCEPT M. Comments. If the licensee is reporting multiple sources on the Export transaction to the same Foreign Company/Foreign Address, the information in cells A-E may be populated once, and referenced in the Comments block for the additional sources.
12. **Source Disassemble Data** – For Disassemble Source transaction reports, all fields are required EXCEPT H. Comments. If the licensee is reporting multiple sources on the Disassemble transaction at the same Source Location Address, the location address information may be populated once, and referenced in the Comments block for the additional sources.

DISTRIBUTION

For most timely processing, click the "Submit by Email" button on page 1.

You may also:

> manually submit this form by email to: NSTSFax.Resource@nrc.gov,

> FAX to: 1-888-821-2534, or

> mail to: NSTS Help Desk

30 West Gude Drive, Suite 300

Rockville, MD 20850

Song, Taehoon

From: Cender, Laura
Sent: Thursday, April 08, 2021 3:37 PM
To: Tomczak, Tammy
Cc: Song, Taehoon; Pavon, Sandy
Subject: FW: RE: NRC Materials License No. 13-26785-01
Attachments: Amendment Request 4.8.21.pdf

Hello Tammy,

Please process the attached file in as a new license amendment request.

Licensee: Peabody Midwest Mining, LLC
License No. 13-26785-01
Docket No. 030-34405

Thank you,
Laura

From: Risner, Karen M. <KRisner@peabodyenergy.com>
Sent: Thursday, April 08, 2021 1:20 PM
To: Cender, Laura <Laura.Cender@nrc.gov>
Cc: Boswell, James <JBoswell@peabodyenergy.com>
Subject: [External_Sender] RE: NRC Materials License No. 13-26785-01

Laura,

A signed and dated cover letter requesting a license amendment is attached.

Thank you,

Karen

From: Cender, Laura <Laura.Cender@nrc.gov>
Sent: Thursday, April 08, 2021 11:13 AM
To: Risner, Karen M. <KRisner@peabodyenergy.com>
Cc: Boswell, James <JBoswell@peabodyenergy.com>
Subject: RE: NRC Materials License No. 13-26785-01

Hello Karen,

Thank you for reaching out regarding your interest in amending your NRC license. Could you please provide a signed and dated cover letter to accompany your request? Unfortunately our document management system cannot accept unsigned emails for formal licensing requests at this time. The content of the letter may essentially copy what you included in the email below, but should be signed by either the radiation safety officer or responsible plant management.

Please let me know if you have any questions.

Thank you,
Laura

From: Risner, Karen M. <KRisner@peabodyenergy.com>
Sent: Thursday, April 08, 2021 9:58 AM
To: Cender, Laura <Laura.Cender@nrc.gov>
Cc: Boswell, James <JBoswell@peabodyenergy.com>
Subject: [External_Sender] NRC Materials License No. 13-26785-01

Laura,

Peabody Midwest Mining, LLC requests to amend Materials License No. 13-26785-01. We are no longer in possession of the sources listed in Part 6C for Somerville Central Preparation Plant.

I have attached NRC Form 748B showing the transfer of the sources to SABIA, Inc on 2/6/20. I've also attached the shipping paperwork and source acknowledgment from SABIA, Inc.

Please let me know if any further paperwork or correspondence is necessary.

Thank you,

Karen Risner

Specialist Environmental

Peabody

566 Dickeyville Rd | Lynnville, IN 47619

Office Phone: (812) 922-1048

krisner@peabodyenergy.com

