



CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), 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, (3150-0028), 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.

LICENSEE NAME AND ADDRESS

Liberty Mine, LLC
250 Cross Pointe Blvd.
Evansville, IN 47715

LICENSE NUMBER

13-35409-01

DOCKET NUMBER

030-39029

LICENSE EXPIRATION DATE

May 31, 2027

A. LICENSE STATUS (Check the appropriate box)

- This license has expired. This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.
2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
- a. Transfer of radioactive materials to the licensee listed below:
- Friendsville Mine, LLC. License # IL-02305-01
- b. Disposal of radioactive materials:
1. Directly by the licensee:
2. By licensed disposal site:
3. By waste contractor:
- c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

1. A radiation survey was conducted by the licensee. The survey confirms:
- a. the absence of licensed radioactive materials
- b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
2. A copy of the radiation survey results:
- a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date
3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- a. The results of the latest leak test are attached; and/or b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Korre Ubelhor	Safety Director, RSO	(812) 631-3756	kubelhor@whitestallionenergy.com

Mail all future correspondence regarding this license to:

250 Cross Pointe Blvd. Evansville, IN 47715

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Korre Ubelhor, Safety Director, RSO		05/27/2020

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 RESPECT. 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.



May 22, 2020

To whom it may concern:

Due to the cessation of mining at Liberty Mine, Liberty Mine LLC would like to request the Nuclear Material License be terminated. Attached are accompanying documents to show that the sealed materials were tested and shipped to another facility. There are no longer any nuclear materials on site. and work has ceased as well. Please let me know if there is anything more I need to submit.

Sincerely,

A handwritten signature in cursive script, appearing to read "Korre Ubelhor".

Korre Ubelhor
Safety Director, Radiation Safety Officer
White Stallion Energy / Liberty Mine LLC.
(812) 631-3756

SHIPPER
PLEASE NOTE

FREIGHT CHARGES ARE PREPAID UNLESS MARKED COLLECT

COLLECT



ORIGINAL - NOT NEGOTIABLE

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)

341-900860

XPOLogistics



DATE 3/11/2020	P.O. NO.	SHIPPER NO. SN: 2362
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CUSTOMER'S SPECIAL REFERENCE NUMBER

SHIPPER (FROM) **Vigo Coal Operating Co., Inc.**
Liberty Mine

CONSIGNEE (TO) **Vigo Coal Operating Co., Inc.**
Friendsville Preparation Plant

STREET
5555 New Harmony Rd.

STREET
7790 SR 15

CITY, STATE/PROVINCE, ZIP/POSTAL CODE (TELEPHONE)
Boonville, IN 47601 1-812-746-6780

CITY, STATE/PROVINCE, ZIP/POSTAL CODE (TELEPHONE)
Mt. Carmel, IL 62863 1-812-746-2948

BILL TO
SABIA, Inc

CUSTOMS BROKER

STREET
10919 Technology Place Suite A

STREET

CITY, STATE/PROVINCE, ZIP/POSTAL CODE (TELEPHONE)
San Diego, CA 92127 1-858-217-2200

CITY, STATE/PROVINCE, ZIP/POSTAL CODE (TELEPHONE)

ACCOUNT CODE

Guaranteed

NUMBER SHIPPING UNITS	HM	KIND OF PACKAGING, DESCRIPTION OF ARTICLES, SPECIAL MARKS AND EXCEPTIONS Hazardous material sequence (ISHM) 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 0.22 Gba...TI: 3.7			
		LABELED "RADIOACTIVE YELLOW III" PLACARDS REQUIRED			
		Emergency Contact: Chemtrec 800-424-9300 CCN: 19389			

HAZARDOUS MATERIALS

COD AMOUNT: \$ _____ COD Prepaid Fee: Collect

U.S. Canadian

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 CANS2.00 per pound (CANS4.41 per kilogram) per individual lost or damaged piece within the shipment, subject to a maximum total liability per shipment of CANS20,000.00, 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 SABIA, Inc/VIGO Coal	CARRIER <input checked="" type="checkbox"/> XPO LOGISTICS FREIGHT, INC. <input type="checkbox"/> XPO LOGISTICS FREIGHT CANADA INC.	DATE 13:15	
AUTHORIZED SIGNATURE John Hagley	AUTHORIZED SIGNATURE <i>[Signature]</i>	DATE 4-6-20	



Packing List and Product Certification

Ship From

Vigo Coal Operating Co., Inc. - Liberty Mine
 5555 New Harmony Rd
 Boonville, IN 47601

P.O. Number

Source Manufacturer Contact Information

Frontier Technology

Ship To

Vigo Coal Operating Co., Inc. - Friendsville Preparation Plant
 7790 SR 15
 Mt. Carmel, IL 62863

Recipients Nuclear License Number

IL-02305-01

Date Shipped

Mar 11, 2020

Shipped via

XPO

Shipping Information

Shipping Container Type: DOT7A Type A

Transportation Index 3.7 mrem/hr

Container Model Number	Container Serial Number	Weight (kg/lbs)	Seal Number
50220	2362	275	

Radiation Information

Meter Type	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
Gamma	Ludlum	2401-EC	335156	Dec 31, 2019	Jun 30, 2020
Neutron	Ludlum	12-4	215352	Dec 31, 2019	Jun 30, 2020

Radiation Type	Radiation Level (mrem/hr)	
	On Contact	At One Meter
Gamma	15	1.6
Neutron	30	2.1
Total	45	3.7

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

Source Data as of: Sep 12, 2019

Isotope Cf-252	Serial Number	Model Number	Source Activity (ug)	Source Activity (GBq)	Contamination/100 cm ² (per source)
Cf-252	FTC-CF-5872	1005	5.58	0.1108	alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
Cf-252	FTC-CF-5873	1005	5.69	0.1131	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
					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 Mar 11, 2020

Date

FSE Signature

Reviewer Signature

Printed Name John Hagley

Printed Name

Digital Signature

John Hagley
Digitally signed by John Hagley
 DN: cn=John Hagley, o=SABIA, Inc.
 email=jhagley@sabianc.com, c=US
 Date: 2020.02.20 10:30:17 -0500

Digital Signature

Isotope	Serial Number	Model Number	Source Activity	Measured in	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
						alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
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						alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm
						alpha < 20 dpm beta < 100 dpm gamma < 1000 dpm

Radioactive Source Shipment Survey Form

CUSTOMER INFORMATION

Site Name and Address

Vigo Coal Operating Co., Inc. - Liberty Mine
5555 New Harmony Rd
Boonville, IN 47601

Date of Source Shipment

Mar 11, 2020

SABIA Inc. Field Service Engineer Printed Name

John Hagley

SABIA Inc. Field Service Engineer Signature

John Hagley

Digitally signed by John Hagley
DN: cn=John Hagley, o=SABIA, Inc,
email=jhagley@sabiainc.com, c=US
Date: 2020.02.20 10:30:33 -05'00'

SABIA Reviewer Signature

Site Contact Korre Ubelhor

Phone Number +1 (812) 746-6780

E-mail Address kubelhor@vigocoal.com

SOURCE DATA

Type of Source	Quantity	Type of Radiation Emitted	Source Identification
Cf-252	2	Neutron, Alpha, Beta, Gamma	FTC-CF-5872, FTC-CF-5873

SHIPPING CONTAINER DATA

Container Type	Container Model Number	Container Serial Number	Weight (kg/lbs)
DOT7A Type A	50220	2362	275

SURVEY INSTRUMENTS USED

Meter Type	Manufacturer	Model Number	Serial Number	Cal Date	Cal Due Date
Neutron	Ludlum	12-4	215352	Dec 31, 2019	Jun 30, 2020
Gamma	Ludlum	2401-EC	335156	Dec 31, 2019	Jun 30, 2020
Leak Test	SE International	Inspector	10395	Oct 4, 2019	Apr 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	15	1.6
Neutron	30	2.1



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

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

SOURCE INFORMATION

Date: March 11, 2020
Source: Cf-252
Activity: 0.22 GBq
Form: Solid
UN Number: 3332

Radiation Type	Radiation Level (mrem/hr)	
	Surface	1 meter
Gamma	15	1.6
Neutron	30	2.1
Total	45	3.7

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 1 $\frac{1}{2}$ 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.



Nuclear Source Leak Test Report

<p style="text-align: center;">Site Name and Address</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Vigo Coal Operating Co., Inc. Liberty Mine 5555 New Harmony Rd Boonville, IN 47601 </div> <p>Site Contact: Korre Ubelhor</p> <p>Phone Number: +1 (812) 746-6780</p> <p>E-mail Address: kubelhor@vigocoal.com</p>	<p style="text-align: center;">Analyzer/Gauge Model Serial Number</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> SABIA Inc. X1-XP 2202 </div> <p style="text-align: center;">Date of Leak Test</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> Mar 11, 2020 </div> <p style="text-align: center;">SABIA Inc. Field Service Engineer Printed Name</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> John Hagley </div> <p style="text-align: center;">SABIA Inc. Field Service Engineer Signature</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> John Hagley </div> <p style="font-size: 0.8em; margin-top: 0;"> <small>Digitally signed by John Hagley DN: cn=John Hagley, o=SABIA, Inc., email=jhagley@sabiainc.com, c=US Date: 2020.02.20 10:35:11 -05'00'</small> </p>
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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	Apr 4, 2020

Test Results

Reason for Leak Test

Shipment of Sealed Source

Sealed Isotope	Isotope Serial #	Activity Level	Activity Measured In	Smear Contamination Level (Measured in microcuries)
Cf-252	FTC-CF-5872	5.58	micrograms	Less than 0.005
Cf-252	FTC-CF-5873	5.69	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.



April 7, 2020

Mr. Korre Ubelhor
Safety Director, Radiation Safety Officer
Liberty Mine, LLC.

Mr. Ubelhor,

Please be advised that I have received the shipment of material from Liberty Mine here at Friendsville Mine. The package shipping label states the serial numbers for the materials received to be:

FTC-CF-5872

FTC-CF-5873

Sincerely,

Korre Ubelhor
Safety Director, Radiation Safety Officer
White Stallion Energy / Friendsville Mine LLC.
(812) 631-3756

Song, Taehoon

From: Cender, Laura
Sent: Wednesday, May 27, 2020 12:53 PM
To: Tomczak, Tammy
Cc: Song, Taehoon; Pavon, Sandy
Subject: FW: Liberty Mine Fixed Gauge License
Attachments: MX-4141N_20200527_080420.pdf

Hello Tammy,

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

Licensee: Liberty Mine
License No. 13-35409-01
Docket No. 030-39029

Thank you,
Laura

From: Korre Ubelhor <kubelhor@whitestallionenergy.com>
Sent: Wednesday, May 27, 2020 9:41 AM
To: Cender, Laura <Laura.Cender@nrc.gov>
Subject: [External_Sender] Liberty Mine Fixed Gauge License

Laura,

I think I have included everything needed. If you need any more information, please let me know.

Thanks!

Korre Ubelhor
Safety Director
(812) 746-6780
kubelhor@whitestallionenergy.com



From: Cender, Laura <Laura.Cender@nrc.gov>
Sent: Wednesday, May 27, 2020 10:10 AM
To: Korre Ubelhor <kubelhor@whitestallionenergy.com>
Subject: RE: Liberty Mine Fixed Gauge License

Hello Korre,

To terminate your NRC license please complete the attached form.

You will also need to include a copy of the disposal records (typically a letter of receipt from the receiving company) as well as a copy of the final leak tests for the devices.

You may send the request to terminate the license directly to me as an attachment via email. I can be reached at 630-829-9712 or via email if you have any questions.

Thank you,
Laura

Laura Cender
U.S. Nuclear Regulatory Commission
Materials Licensing Branch
E-mail: Laura.Cender@nrc.gov
Phone: (630) 829-9712

From: Korre Ubelhor <kubelhor@whitestallionenergy.com>
Sent: Wednesday, May 27, 2020 8:52 AM
To: Cender, Laura <Laura.Cender@nrc.gov>
Subject: [External_Sender] Liberty Mine Fixed Gauge License

Laura,

Would you be the correct person to send a request to end the license for Liberty Mine? If not, could you provide me with the correct contact person to send the request to?

Thanks,

Korre Ubelhor
Safety Director
(812) 746-6780
kubelhor@whitestallionenergy.com

