



shaping a powerful tomorrow

May 2, 2019

Licensing Assistance Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region I
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Br. 2
03038751

REC RG 1 05 03 19 AM 10:09

Re: Elk Run Coal Company, LLC
Inventory Change and Termination Request SL-47-25363-02

We would like to request Termination of Specific License 47-25363-02 currently assigned to Elk Run Coal Company, LLC, 31754 Coal River Road, Route 3, Sylvester WV 25193. All specifically licensed materials possessed on this license inventory have been transferred to another specific license holder. All leak test results for materials possessed on this license were less than 0.005 micro curies of removable contamination confirming no evidence of leakage or contamination for the two (2) listed locations. The following eight (8) sealed sources have been shipped to Alaron Nuclear Services (SL# PA-0678), 2138 State Rte.18, Wampum, PA 16157. Letters of Confirmation for transfer of ownership of sealed sources are included with this request:

- Ronan Engineering, Model SA1-C5, Serial Number 4311CM, 300mCi.
- Ronan Engineering, Model SA1-C5, Serial Number 6646CM, 300mCi.
- Berthold Technologies, Model LB-7440, Serial Number 012/11, 500mCi.
- Berthold Technologies, Model LB-7440, Serial Number 0089/06, 100mCi.
- Berthold Technologies, Model LB-7440, Serial Number 048/08, 500mCi.
- Berthold Technologies, Model LB-7440, Serial Number 0424/11, 20mCi.
- Berthold Technologies, Model LB-7440, Serial Number 034/08, 500mCi.
- Berthold Technologies, Model LB-7440, Serial Number 0051/07, 100mCi.

Further, included with this request are the following supporting attachments:

- Attachment 1 – NRC Form 314
- Attachments 2 & 3 – Confirmation Letters
- Attachments 4, 5 & 6 – Leak Tests

Please contact William G. Newsome with any questions or requests for further information or documentation. He can be reached at (304)369-8623 or (606)831-1598 and by email at william.newsome@conturaenergy.com.

Thank You,

William G. Newsome
Process Controls Manager/RSO

Enclosures

612135
NMSS/RGN1 MATERIALS-002

NRC FORM 314
(02-2017)
10 CFR 30.36(j)(1);
40.42(j)(1); 70.38(j)(1);
and 72.54(k)(5)(1)(1)



U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 02/29/2020

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submission 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 InfoCollections.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

Elk Run Coal Company, LLC
P.O. Box 457
Whitesville, WV 25209

LICENSE NUMBER

47-25363-02

DOCKET NUMBER

030-38751

LICENSE EXPIRATION DATE

09/30/2024

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:
Alaron Nuclear Services (License # PA-0678)
2138 State Route 18 Wampum, PA 16157
- 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
William G. Newsome	Radiation Safety Officer	304-369-8500	william.newsome@conturaenergy.com

Mail all future correspondence regarding this license to:

P.O. Box 457 Whitesville, WV 25209

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE	SIGNATURE	DATE
Carl D. Lucas, President		05/02/2019

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.



Berthold Technologies USA, LLC
 99 Midway Lane
 Oak Ridge, TN 37830-0895 USA
 Phone: 865-483-1488
 Fax: 865-425-4309
www.berthold-us.com

Radioactive Source Transfer of Ownership

Sales Order Number:
PCP005417

Customer Name & Contact Info:
Elk Run Coal
31754 Coal Run River Rd.
Sylvester, WV 25209

This Certificate is to serve notice that Berthold Technologies USA, LLC located in Oak Ridge, TN (TRML R-01082-B23) has taken possession of the following sources and that they have been transferred to a U.S. licensed facility (i.e., Veolia ES Alaron PA-0678) where they are pending final processing and disposition. Sources were received under Alaron shipment # 19-0273.

Source Serial Number	Isotope	Original Activity (mCi)	Device Manufacturer
012/11	Cs-137	500	Berthold
0089/06	Cs-137	100	Berthold
048/08	Cs-137	500	Berthold
0424/11	Cs-137	20	Berthold
034/08	Cs-137	500	Berthold
0051/07	Cs-137	100	Berthold
6648CM	Cs-137	300	Ronan

← *Elk Run*
 ← " "
 ← " "
 ← " "
 ← " "
 ← " "
 ← *Goals*

Radiation Safety Officer: *C. Douglas* Date: *4-22-19*



Berthold Technologies USA, LLC
99 Midway Lane
Oak Ridge, TN 37830-0895 USA
Phone: 865-483-1488
Fax: 865-425-4309
www.berthold-us.com

Radioactive Source Transfer of Ownership

Sales Order Number:
PCP003611

Customer Name & Contact Info:
Marfork Coal Company
1 Marfork Road 3/1
Whitesville, WV 25209

This Certificate is to serve notice that Berthold Technologies USA, LLC located in Oak Ridge, TN (TRML R-01082-B23) has taken possession of the following sources and that they have been transferred to a U.S. licensed facility (i.e., Veolia ES Alaron PA-0678) where they are pending final processing and disposition.

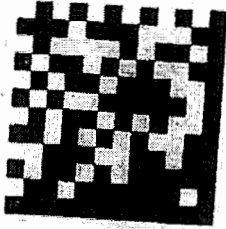
Source Serial Number	Isotope	Original Activity (mCi)	Device Manufacturer
6646CM	Cs-137	300	Ronan
S94G0104	Cs-137	100	Kay Ray
4311CM	Cs-137	300	Ronan
S95J1404	Cs-137	100	Kay Ray
B3142	Cs-137	100	Texas Nuclear
S94H1903	Cs-137	100	Kay Ray

← EIK Run

← EIK Run

Radiation Safety Officer: C. Douglas / [Signature] Date: 12-21-17

XPO Logistics



875-789191

ALARON NUCLEAR SERVICES
2138 STATE ROUTE 18
WAMPUM, PA 16157

FOR EMERGENCY DELIVERY
PURPOSES ONLY

REVENUE BILLING TO FOLLOW

RECEIVED

[Signature] 12-20-2017
Consignee Signature Date

DEC 20 2017

RS# 17-0823

Driver Signature Date
Shrink Wrap Intact? Delivered Time
Yes No Pcs

ALARON CORPORATION

ELW-1

BEETHOLD / MARFORK COAL CO.

SEALED SOURCE LEAK TEST ANALYSIS REPORT

Facility: Elk Run Coal Company, LLC
Address: 8641 Coal River Rd.
Route 3
Sylvester, WV 25193
Telephone: 304-369-8500
E-Mail: william.newsome@conturaenergy.com
License No.:
EC:
EC E-Mail:

Person Submitting Samples: William G. Newsome
Date Samples Collected: 1/29/2019
Send Results To: **William G. Newsome**
PO Box 261
Julian, WV 25529

RSSI SAMPLE NUMBER	CLIENT REFERENCE	RADIO-NUCLIDE	ACTIVITY (mCi)	SOURCE CALIBRATION DATE	DEVICE MANUFACTURER	DEVICE MODEL NUMBER	DEVICE SERIAL NUMBER	SOURCE SERIAL NUMBER	RESULTS* (μCi)
P190152	Storage	Cs-137	500	11/19/2008	Berthold Technologies	LB 7440	37624-11407	034/08	<4.2×10 ⁻⁶
P190153	Storage	Cs-137	500	2/12/2009	Berthold Technologies	LB 7440	37624-11535	048/08	<4.2×10 ⁻⁶
P190154	Storage	Cs-137	500	6/9/2011	Berthold Technologies	LB 7440	37624-12369	012/11	<4.2×10 ⁻⁶
P190155	Storage	Cs-137	100	7/16/2009	Berthold Technologies	LB 7440	37624-11727	0089/06	<4.2×10 ⁻⁶
P190156	Storage	Cs-137	20	9/21/2011	Berthold Technologies	LB 7440	37624-12481	0424/11	<4.2×10 ⁻⁶
P190157	Storage	Cs-137	100	1/22/2009	Berthold Technologies	LB 7440	37624-11537	0051/07	<4.2×10 ⁻⁶

Analysis authorized by license No. IL-01429-01. Analysis approved by the Canadian Nuclear Safety Commission, meeting the criteria and requirements of R-116. Analysis instrument: Nuclear-Chicago Spectro Shield 1152 α/β Counter, serial number 28458. Calibrated February 23, 2018. Measuring time = 5 minutes. Alpha background = 0.08 cpm. Beta/Gamma background = 6.19 cpm. Analysis location: RSSI.

The analytical results relate only to the specific leak test kit(s) returned by the client, in the condition as received at the laboratory. Calculations of leak test results are based upon the radionuclide(s) as provided by the client. This report shall not be reproduced except in its entirety without the approval of RSSI. Most regulatory agencies consider a source to be leaking if a leak test indicates the presence of more than 0.005 μCi (5×10⁻³ μCi) of removable contamination. Sources for which the results indicate the presence of 5×10⁻⁴ μCi or more of removable activity should be investigated.

* < followed by a number indicates the activity is below the limit of detection.

A highlighted result exceeds regulatory limits and was reported by telephone to the person submitting the sample and/or _____ on _____.

Analyzed by: Aaron Morris
P190152-7



Receipt Date: February 4, 2019
Counting Date: February 5, 2019
Analysis Date: February 5, 2019



6312 Oakton Street
Morton Grove, IL 60053-2723
847-965-1999

SEALED SOURCE LEAK TEST ANALYSIS REPORT

Facility: Alpha Natural Resources
Address: Elk Run Coal
Rte. 3
Whitesville, WV 25209

Telephone:
FAX:
E-Mail: wnewsome@alphanr.com
License No.:
EC:
EC E-Mail:

Person Submitting Samples: Wm. G. Newsome
Date Samples Collected: 11/17/2017
Send Results To: Alpha Natural Resources
ATTN: Wm. G. Newsome
92 Hell Creek
Delbarton, WV 25670

RSSI SAMPLE NUMBER	CLIENT REFERENCE	RADIO-NUCLIDE	ACTIVITY (mCi)	SOURCE CALIBRATION DATE	DEVICE MANUFACTURER	DEVICE MODEL NUMBER	DEVICE SERIAL NUMBER	SOURCE SERIAL NUMBER	RESULTS* (µCi)
P172662	Storage	Cs-137	300	10/2003	Ronan Eng.	SA1-C5	4311CM		<4.1×10 ⁻⁶
P172663	Storage	Cs-137	300	10/2004	Ronan Eng.	SA1-C5	6646CM		<4.1×10 ⁻⁶

*4311CM & 6646CM transferred to Veolia ES Alaton License # PA-0678
confirmed 12-21-2017*

Analysis authorized by license No. IL-01429-01. Analysis approved by the Canadian Nuclear Safety Commission, meeting the criteria and requirements of R-116. Analysis instrument: Nuclear-Chicago Spectro Shield 1152 α/β counter. Serial number 28458. Calibrated February 15, 2017. Measuring time = 5 minutes. Alpha background = 0.10 cpm. Beta/Gamma background = 5.90 cpm.

The analytical results relate only to the specific leak test kit(s) returned by the client, in the condition as received at the laboratory. Calculations of leak test results are based upon the radionuclide(s) as provided by the client. Most regulatory agencies consider a source to be leaking if a leak test indicates the presence of more than 0.005 µCi (5×10⁻³ µCi) of removable contamination. Sources for which the results indicate the presence of 5×10⁻⁴ µCi or more of removable activity should be investigated.

* < followed by a number indicates the activity is below the limit of detection.

A highlighted result exceeds regulatory limits and was reported by telephone to the person submitting the sample and/or _____ on _____.

Analyzed by: Aaron Morris
P172662-3

Aaron Morris

Receipt Date: November 22, 2017
Counting Date: November 29, 2017
Analysis Date: November 29, 2017



6312 Oakton Street -
Morton Grove, IL 60053-2723
847-965-1999

SEALED SOURCE LEAK TEST ANALYSIS REPORT

Facility: Elk Run Coal Co.
Address: 8641 Coal River Rd. Rte 3
Sylvester, WV 25193
Telephone: 304-369-8500
FAX:
E-Mail: wnewsome@alphanr.com
License No.:
EC:
EC E-Mail:

Person Submitting Samples: Wm. G. Newsome
Date Samples Collected: 6/9/2016
Send Results To: **Wm. G. Newsome**
92 Hell Creek
Delbarton, WV 25670

RSSI SAMPLE NUMBER	CLIENT REFERENCE	RADIO-NUCLIDE	ACTIVITY (mCi)	SOURCE CALIBRATION DATE	DEVICE MANUFACTURER	DEVICE MODEL NUMBER	DEVICE SERIAL NUMBER	SOURCE SERIAL NUMBER	RESULTS* (µCi)
P161372	Round Bottom	Cs-137	300	10/2003	Ronan Engineering	SAI-C5	4311CM		<4.5×10 ⁻⁶
P161373	Round Bottom	Cs-137	300	10/2004	Ronan Engineering	SAI-C5	6646CM		<4.5×10 ⁻⁶
P161374	PHM Vessel	Cs-137	500	11/19/2008	Berthold Technologies	LB 7440	37624-11407	034/08	<4.5×10 ⁻⁶
P161375	HM Cyclone	Cs-137	500	2/12/2009	Berthold Technologies	LB 7440	37624-11535	048/08	<4.5×10 ⁻⁶
P161376	FHM Cyclone	Cs-137	500	6/9/2011	Berthold Technologies	LB 7440	37624-12369	012/11	<4.5×10 ⁻⁶
P161377	Overdense	Cs-137	100	7/16/2009	Berthold Technologies	LB 7440	37624-11727	0089/06	<4.5×10 ⁻⁶
P161378	Mag UF	Cs-137	20	9/21/2011	Berthold Technologies	LB 7440	37624-12481	0424/11	<4.5×10 ⁻⁶
P161379	Slurry	Cs-137	100	1/22/2009	Berthold Technologies	LB 7440	37624-11537	0051/07	<4.5×10 ⁻⁶

Analysis authorized by license No. IL-01429-01. Analysis approved by the Canadian Nuclear Safety Commission, meeting the criteria and requirements of R-116. Analysis instrument: Nuclear-Chicago Spectro Shield 1152 α/β counter. Serial number 28458. Calibrated February 2, 2016. Measuring time = 5 minutes. Alpha background = 0.08 cpm. Beta/Gamma background = 6.91 cpm.

The analytical results relate only to the specific leak test kit(s) returned by the client, in the condition as received at the laboratory. Calculations of leak test results are based upon the radionuclide(s) as provided by the client. Most regulatory agencies consider a source to be leaking if a leak test indicates the presence of more than 0.005 µCi (5×10⁻³ µCi) of removable contamination. Sources for which the results indicate the presence of 5×10⁻⁴ µCi or more of removable activity should be investigated.

* < followed by a number indicates the activity is below the limit of detection.

A highlighted result exceeds regulatory limits and was reported by telephone to the person submitting the sample and/or _____ on _____.

Analyzed by: Aaron Morris
P161372-9

Analysis Date: June 29, 2016

Page 1 of 1

ORIGIN ID: CRWA (304) 369-8500
KACEE HODGE
CONTURA ENERGY, INC.
300 RUNNING RIGHT WAY

SHIP DATE: 02MAY19
ACTWGT: 1.00 LB
CAD: 5508417/NET4100

JULIAN, WV 25529
UNITED STATES US

BILL SENDER



LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
NRC REGULATORY COMM - REG I
LANCASTER BLVD., SUITE 100
LANCASTER, PA 19406

FT 329
ST 14

3
10:30
B
5979
05.03

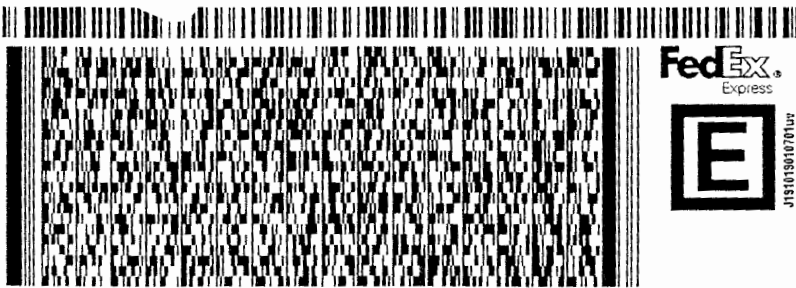
555JH066C/2340

INV
PO

REF:

DEPT:

FedEx Ship Manager - Print Your Label(s)



FedEx
Express



J15101301070107

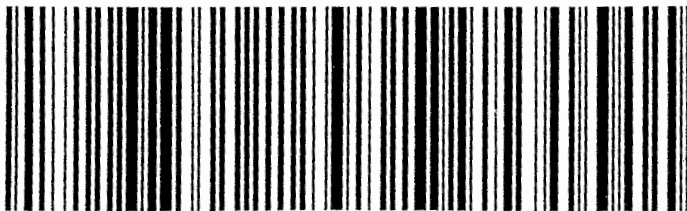
Extremely Urgent

FRI - 03 MAY 10:30A
PRIORITY OVERNIGHT

TRK# 7751 2075 5979
0201

XB KPDA

19406
PA-US PHL



5/2/2019



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Elk Run Coal Company, LLC
Attn: William G. Newsome
Radiation Safety Officer
P.O. Box 457
Whitesville, WV 25209

Date

05/13/2019

License Number(s)

47-25363-02

Mail Control Number(s)

612135

Licensing and/or Technical Reviewer or Branch

Commercial, Industrial, R&D, and Academic Branch

This is to acknowledge receipt of your: Letter and/or Application Dated: 05/02/2019

The initial processing, which included an administrative review, has been performed.

Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

The following administrative omissions have been identified:

[Empty box for administrative omissions]

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, (610) 337-5513 or (610) 337-5239