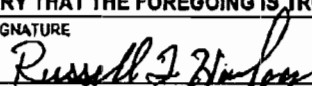


NRC FORM 314 <small>(1-2012) 10 CFR 30.360(f); 40.42(f); 70.38(f); and 72.54(k)(5)(i)(1)</small>		U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3180-0028 EXPIRES: 10/31/2013 <small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is 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 Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to InfoCollection.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.</small>							
CERTIFICATE OF DISPOSITION OF MATERIALS		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> LICENSEE NAME AND ADDRESS Pinnacle Mining Co. P.O. Box 338 Pineville, W.V. 24874 </td> <td style="width: 50%; vertical-align: top;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> LICENSE NUMBER 47-25412-02 </td> <td style="width: 50%; vertical-align: top;"> DOCKET NUMBER 030-36508 </td> </tr> <tr> <td colspan="2" style="vertical-align: top;"> LICENSE EXPIRATION DATE September 30, 2013 </td> </tr> </table> </td> </tr> </table>		LICENSEE NAME AND ADDRESS Pinnacle Mining Co. P.O. Box 338 Pineville, W.V. 24874	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> LICENSE NUMBER 47-25412-02 </td> <td style="width: 50%; vertical-align: top;"> DOCKET NUMBER 030-36508 </td> </tr> <tr> <td colspan="2" style="vertical-align: top;"> LICENSE EXPIRATION DATE September 30, 2013 </td> </tr> </table>	LICENSE NUMBER 47-25412-02	DOCKET NUMBER 030-36508	LICENSE EXPIRATION DATE September 30, 2013	
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LICENSE NUMBER 47-25412-02	DOCKET NUMBER 030-36508								
LICENSE EXPIRATION DATE September 30, 2013									
A. LICENSE STATUS (Check the appropriate box) <input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> This license has not yet expired; please terminate it.									
B. DISPOSAL OF RADIOACTIVE MATERIAL <i>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</i> The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:									
<input type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee under this license.									
<input checked="" type="checkbox"/> 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.									
<input checked="" type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below: Kanawaha Scales and Systems Inc. 26 Whitney Drive Milford Ohio, 45150 (Ohio license # 03214130000)									
<input type="checkbox"/> b. Disposal of radioactive materials:									
<input type="checkbox"/> 1. Directly by the licensee:									
<input type="checkbox"/> 2. By licensed disposal site:									
<input type="checkbox"/> 3. By waste contractor:									
<input type="checkbox"/> 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									
<input checked="" type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms:									
<input checked="" type="checkbox"/> a. the absence of licensed radioactive materials									
<input type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.									
<input type="checkbox"/> 2. A copy of the radiation survey results:									
<input type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); or <input type="checkbox"/> c. was forwarded to NRC on: _____ Date									
<input checked="" type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and									
<input type="checkbox"/> a. The results of the latest leak test are attached; and/or <input checked="" type="checkbox"/> b. No leaking sources have ever been identified.									
The person to be contacted regarding the information provided on this form:									
NAME Russell L. Hodges	TITLE Plant Foreman / RSO	TELEPHONE (Include Area Code) (304) 256-5814	E-MAIL ADDRESS russell.hodges@cliffsnr.com						
Mail all future correspondence regarding this license to: P.O. Box 338 Pineville W.V. 24874									
C. CERTIFYING OFFICIAL I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT									
PRINTED NAME AND TITLE Russell L. Hodges Plant Foreman/RSO		SIGNATURE 	DATE 2-10-12						
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.									

**Kanawha**
Scales & Systems26 Whitney Drive Millford, Ohio 45160 Phone: 513-576-0700 888-280-7254 Fax: 513-576-1884 www.kanawhascales.com

January 23, 2012

Cliffs North American Coal
#50 Warehouse, off Rt.16 on Pinnacle Creek Road
Welch, WV 24874

RE: Disposal of radlation sources

ATTN: Russell Hodges

This letter is to advise you that the Radiation Material detailed below was removed from Cliffs North American Coal, Pinnacle Creek Road, Welch, WV by Benny Browning, KSS Field Service Technician, on December 28, 2011 and that Kanawha Scales & Systems has taken possession & title of said material. This work was performed under our State of Ohio License for Radioactive Material #03214130000.

Manufacturer: Gamma Metrics Model: 2000 Serial#: 126

Sources: Cs-137	Activity: 7.39 mCi	Serial#: R-477
Cf-252	1.44 ug	CF-Z1038
Cf-252	1.49 ug	CF-Z1039
Cf-252	1.50 ug	CF-Z1456
Cf-252	1.51 ug	CF-Z1457
Cf-252	9.61 ug	CF-Z2818
Cf-252	9.28 ug	CF-Z2819

This letter is an essential record and should be maintained for inspection by the appropriate regulatory agency. If you are not the Radiation Safety Officer or responsible for maintaining regulatory records for radioactive material, please forward this letter to the appropriate person.

Sincerely,

Larry Welch
Analyzer Coordinator / Radiation Safety Officer
Kanawha Scales & Systems, Inc.
Office: 888-280-7254
Fax: 513-576-1884
Cell: 513-615-5535
E-Mail: lwelch@kanawhascales.com
Web site: www.kanawhascales.com


Kanawha
Scales & Systems
SERVICE REPORT
 Birmingham, AL Dayton, OH Pittsburgh, PA
 Montgomery, AL Ironton, OH St. Marys, PA
 Pikeville, KY Detroit, MI Fairmont, WV
 Cincinnati, OH Flint, MI Parkersburg, WV
 Columbus, OH Memphis, TN Charleston, WV

Servicing Location

Customer # **CLINOR****Cincinnati**Job # **39714****(513) 576-0700**

Date

http://www.kanawhascales.com

Name **Cliffs North American Coal**

PO #

Scheduled **9/30/2011**Address **#50 Warehouse, Off Rt. 16 on Pinnacle Creek Rd**

Caller

Russell HodgesPhone # **304-256-5814**City **Welch**State **WV** Zip **24874**

Contact

Russell HodgesPhone # **304-256-5814**

Service Requested

Support customer density gauge removal and relocation. Kay-Ray 7062

1	MANUFACTURER	MODEL	SERIAL NUMBER	KSSID	CUSTOMERID
	CAPACITY/DIMENSION/UNITS	TEST METHOD	DEVICE LOCATION		
2	MANUFACTURER	MODEL	SERIAL NUMBER	KSSID	CUSTOMERID
	CAPACITY/DIMENSION/UNITS	TEST METHOD	DEVICE LOCATION		

Service Performed / Recommendations

1. Remove the Kay-Ray 7062 density gauge from the site. The gauge was found to be inoperable and the customer requested its removal. The gauge was removed and the site was cleaned up. The customer was informed of the results of the service and the gauge was taken to the shop for repair.

2. The customer requested that the gauge be relocated to a new site. The new site was identified and the gauge was moved. The customer was informed of the results of the service and the gauge was taken to the shop for repair.

3. The customer requested that the gauge be replaced with a new one. The new gauge was ordered and the customer was informed of the results of the service. The gauge was taken to the shop for repair.

Description of Parts Used

DAILY TIME SUMMARY		AT	OT	DT	Final Mileage	
Travel To Job	7:00A / 7:40A				# Men 1	Start Mileage
On Site	2:30P / 3:40P				Truck # 0101	Total Mileage 200
Travel From Job					Truck #	Zone Mileage
						Job Complete <input type="checkbox"/>
						Inspector <input type="checkbox"/>

Technician Signature

Customer Signature

Printed Name

Date

12/19/2011 20:20 6305151259

USNRC REGION3 DNMS

PAGE 01/02

NRC FORM 308 (R11)
(4-2004)UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 12/20/11NUMBER OF PAGES:
(Including this page)2SEND TO: Larry Welch, RSOLOCATION: Kaneoka Set Scales & SystemsFAX NUMBER: 513 - 576 - 1884☐ VERIFY BY CALLING SENDERFROM:
(SENDER)Geoffrey Warren, Health PhysicistTELEPHONE NUMBER: 630 - 829 - 7742 FAX NUMBER: 630 - 515 - 1259

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE

Attached is your approved reciprocity request

Permission to remove the sources.

NOTICE

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank you.

7/2011 20:20 6305151259

USNRC REGION3 DNMS

PAGE 02/02

Dec. 19, 2011 12:12PM Kanawha Scales & Systems

No. 9692 P. 2/4

NRC FORM 241 (11-2011)	U.S. NUCLEAR REGULATORY COMMISSION	EXPIRES: 10/31/2014
REPORT OF PROPOSED ACTIVITIES IN NON-AGREEMENT STATES, AREAS OF EXCLUSIVE FEDERAL JURISDICTION, OR OFFSHORE WATERS (Please read the instructions before completing this form)		
1. NAME OF LICENSEE (Person or firm proposing to conduct the activities outlined below) Kanawha Sales & Systems INC.	2. TYPE OF REPORT <input type="checkbox"/> INITIAL <input checked="" type="checkbox"/> CHANGE	
3. ADDRESS OF LICENSEE (If different from the address where license is to be held) 26 Whitney Drive Milford, Ohio 45150 USA	4. LICENSE CONTACT AND TITLE Larry Welch - Radiation Safety Officer (RSO) 5. Office Number: (513) 576-0700 6. Work Cell Number: (513) 615-5535 7. FACILITY NUMBER: (513) 576-1884 8. EMAIL ADDRESS: Welch@kanawhasales.com	
9. ACTIVITIES TO BE CONDUCTED UNDER THE GENERAL LICENSE GIVEN IN 10 CFR 160.20		
<input type="checkbox"/> WELL LOGGING <input type="checkbox"/> LEAK TESTING AND/OR CALIBRATIONS <input type="checkbox"/> TYPE OF SERVICE _____ <input type="checkbox"/> PORTABLE GAUGES <input checked="" type="checkbox"/> OTHER (Specify) → Decommission/Disposal Gamma meters 2000 <input type="checkbox"/> RADIOGRAPHY → REGISTERED AS USER OF PACKAGING (CERTIFICATES OF COMPLIANCE NUMBERS)		
10. CLIENT NAME, ADDRESS, CITY, COUNTY, STATE, ZIP CODE Chloro North American Coal #30 Warehouse, Off RT.16 on Pinnacles Creek Rd. Welch, WV. 24874	11. ACTUAL PHYSICAL ADDRESS OF WORK LOCATION (If not the same as the address in item 10, provide the physical address) Same 12. CLIENT TELEPHONE NUMBER: (304) 256-5824 13. WORK LOCATION TELEPHONE NUMBER: (304) 256-5824	
14. DATES SCHEDULED FROM: 12/22/2011 TO: 12/23/2011 WEEKDAYS: <input checked="" type="checkbox"/> 171 <input type="checkbox"/> 110	15. NUMBER OF WORK DAYS: 2	16. ADD: _____ 17. DELETE: _____ 18. LOCATION REFERENCE NUMBER: 000730
LIST ADDITIONAL WORK SITES ON SEPARATE SHEET(S) TO INCLUDE ALL INFORMATION CONTAINED IN ITEMS 10-17 ABOVE.		
19. LIST RADIOACTIVE MATERIAL, (WHICH WILL BE POSSESSED, USED, INSTALLED, SERVICED, OR TESTED) (Provide a description of the material, including the material, activity, and date of use) Californium Cf-252 (29 Micrograms), Cesium Cs-137 (8mCi)		
20. CERTIFICATION (MUST BE COMPLETED BY APPLICANT)		
I, THE UNDERSIGNED, HEREBY CERTIFY THAT: a. All information in this report is true and complete. b. I have read and understand the provision of the general license to 10 CFR 160.20 regarding the limitations of this form and I understand that I am required to comply with these provisions as to all byproduct, source, or special nuclear material which I possess and use in non-agreement states or offshore waters under the general license for which this report is filed with the U.S. Nuclear Regulatory Commission. c. I understand that activities, including storage, conducted in non-agreement states under general license to 10 CFR 160.20 are limited to a total of 90 days in calendar years. With the exception of work conducted in offshore waters, which is authorized for an unlimited period of time in the calendar year. d. I understand that I may be inspected by NRC at the above listed work site locations and at the licensee home office address for activities performed in non-agreement states or offshore waters. e. I understand that conduct of any activities not described above, including removal or disposal of materials different from those described above or without NRC authorization, may subject me to enforcement action, including civil or criminal penalties.		
APPROVED BY (Signature of the RSO) Larry Welch, RSO	SIGNATURE Larry Welch	DATE 12/19/2011
TOTAL USAGE - DAYS TO DATE		
2		
WARNING: False statements in this certificate may be subject to civil and/or criminal penalties. NRC regulations require that information 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 materially false statement or representation in any department or agency of the United States, as to any matter within its jurisdiction.		
FOR NRC USE ONLY	APPROVED BY (Signature of the RSO) Geoffrey Warren, Health Physicist	DATE 12/19/11
TOTAL USAGE - DAYS TO DATE		
2		
ADDITIONAL COMMENTS		

1 CF2

MCI - RADIOACTIVE SOURCE MOVEMENT ADVICE FORM

This form MUST be filled out whenever a radioactive source is moved. ALL details must be correctly and legibly entered. Radioactive shipments to destinations outside MCI premises must have prior approval of the Radiation Safety Officer (RSO). All shipments must be correctly packed, labeled and documented.

(6) Californium
By Conway
To Frontier

	1	2	3	4
Nuclide	CF 252	CF 252	CF 252	CF 251
Activity	1.44 ug	1.49 ug	1.50 ug	1.51 ug
Serial Number	CF-21038	CF-21039	CF-21456	CF-21457
Product Code				
Ordered For				

Moved From:

Cliffs North America Coal
Pinnacle Preparation Plant
Pineville, WV

Moved To:

Frontier Technology Corp.
1641 Burnett Drive
Xenia, Ohio 45385

Date of Movement 1 / 200

HAS THE RADIATION STORE BEEN
LOCKED? Y/N

Signed

Bry Brown

N

Does this form relate to a shipment to or from KSS? Y/N
If YES please fill out sections 1 or 2, and 3 below.

N

1. For Shipments from KSS: - Attach shipping documents to this form.

Transport Co.

Conway

Con. Note No.

Max Surface uSv/hr

Label Type

Transport Index

Receiver Notified Y/N ?

Y

NRC Notified Y/N ?

Y

Shipped Y/N ? Test. Cert.

Plate

Rivets

Signs

Signed

Checked by RSO
- or delegate2. For Goods Received at KSS - Attach test certificates and documents to this form.

Storeman -> Order No.

Max Surface dose Rate uSv/hr

3. RADLOG.XLS updated
by person moving source/ /
Init:Logbook updated
by R.S.O. only/ /
Init:

2072

MCI - RADIOACTIVE SOURCE MOVEMENT ADVICE FORM

This form MUST be filled out whenever a radioactive source is moved. ALL details must be correctly and legibly entered. Radioactive shipments to destinations outside MCI premises must have prior approval of the Radiation Safety Officer (RSO). All shipments must be correctly packed, labeled and documented.

	1	2	3	4
Nuclide	CF-252	CF-252		
Activity	9.61ug	9.28ug		
Serial Number	CF-22818	CF-22819		
Product Code				
Ordered For				

Moved From:
 Cliffs North American Coal
 Pinnacle Prep Plant
 Pineville, WV.

Moved To:
 Frontier Technology Corp.
 1641 Burnett Drive
 Xenia, Ohio 45385

Date of Movement

1 / 200

HAS THE RADIATION STORE BEEN
LOCKED? Y/N

Signed

Bry Brown

N

Does this form relate to a shipment to or from KSS? Y/N
 If YES please fill out sections 1 or 2, and 3 below.

N

1. For Shipments from KSS: - Attach shipping documents to this form.

Transport Co.

Conway

Con. Note No.

Max Surface uSv/hr

Label Type

Transport Index

Receiver Notified Y/N?

Y

NRC Notified Y/N?

Y

Shipped Y/N? Test. Cert.

Plate

Rivets

Signs

Signed

Checked by RSO
or delegate2. For Goods Received at KSS - Attach test certificates and documents to this form.

Storeman -> Order No.

Max Surface dose Rate uSv/hr

3. RADLOG.XLS updated
by person moving source1 / 1
Init:Logbook updated
by R.S.O. only1 / 1
Init:

1 of 1

MCI - RADIOACTIVE SOURCE MOVEMENT ADVICE FORM

This form MUST be filled out whenever a radioactive source is moved. ALL details must be correctly and legibly entered. Radioactive shipments to destinations outside MCI premises must have prior approval of the Radiation Safety Officer (RSO). All shipments must be correctly packed, labeled and documented.

(1) Cesium
Fed Ex
To
KSS
Cincy

	1	2	3	4
Nuclide	Cs 137			
Activity	7.39 mCi			
Serial Number	R-477			
Product Code				
Ordered For				

Moved From: Cliffs North America Corp Pinnacle Separations Plant Pineville, WV	Moved To: Kanaoka Scales & Systems 26 Whitney Drive Murford, Ohio 45150
--	---

Date of Movement 1 / 200

HAS THE RADIATION STORE BEEN LOCKED? Y/N

Signed

Denny Browning

N

Does this form relate to a shipment to or from KSS? Y/N
If YES please fill out sections 1 or 2, and 3 below.

Y

1. For Shipments from KSS: - Attach shipping documents to this form.

Transport Co.	Fed Ex	Con. Note No.	
Max Surface μ Sv/hr		Label Type	
Receiver Notified Y/N?	Y	Transport Index	
		NRC Notified Y/N?	Y
Shipped Y/N? Test. Cert.		Plate	
		Rivets	
Signed		Signs	
		Checked by RSO or delegate	

2. For Goods Received at KSS - Attach test certificates and documents to this form.

Storeman \rightarrow Order No. Max Surface dose Rate μ Sv/hr

3. RADLOG.XLS updated
by person moving source

Init:

Logbook updated
by R.S.O. only

Init:

BILL OF LADING

CONSIGNEE:


Frontier Technology Corporation
1641 Burnett Drive
Xenia, Ohio 45385

SHIPPER:

CLIFFS North American Coal
#50 Warehouse ~~200~~ OFF Rt. 16
Pinnacle Creek Road
Welch, WV 24874

NATURE AND QUANTITY OF CONTENTS

PACKAGE

PROPER SHIPPING NAME	FORM	ACTIVITY	CATEGORY	TRANSPORT INDEX	TYPE
HAZARDOUS MATERIALS DESCRIPTIONS AND PROPER SHIPPING NAME (FORM 49 CFR 172.101 HAZARDOUS MATERIALS TABLE)	CHEMICAL FORM AND PHYSICAL STATE (GAS/ LIQUID/SOLID) OR SPECIAL FORM	NUMBER OF BECQUERELS AND CURIES	I - WHITE OR II - YELLOW OR III - YELLOW LABEL	FOR YELLOW LABEL CATEGORIES ONLY	TYPE A OR TYPE B
UN3332, Radioactive Material Type A Package, Special Form	CF-252 Special Form	592.6 Bq 16.02 MCI	Yellow III	0.7	Type A
1 DRUM 550 lbs.		 <p>986-249596</p> <p>Driver's signature acknowledges receipt of freight only. Unless otherwise agreed to under separate contract, terms and conditions of tariff CONWAY 150 apply.</p> <p>PRO NO. <u>Con-way</u> MM 28002-Q0 EDUSPCL # DEST SIC</p>			
PICKED UP BY R. Surber - CONWAY	FREIGHT	12-28-11			

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

RMA #:

REMARKS:

Company Name

Address

Contact #

Emergency Contact Information

Kanaoka Scales & Systems

303 Jacobson Drive

Poca, WV 25159

Emergency Contact: Benny Browning

304-767-1420

AUTHORIZED SIGNATURE

DATE



26 Whitney Drive, Milford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
Email Address: kharness@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

This certificate shall not be reproduced except in full, without the written approval of Kanawha Scales & Systems, Inc.

DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	R-477
Device Manufacturer:	Gammametrics	Source Manufacturer:	Isotope Products
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radioisotope(s):	Cs-137 / Cs-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K.Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mail & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012



26 Whitney Drive, Millford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
 Email Address: kharness@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

This certificate shall not be reproduced except in full, without the written approval of Kanawha Scales & Systems, Inc.

DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	CF-1457
Device Manufacturer:	Gammametrics	Source Manufacturer:	Frontier
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radioisotope(s):	Cs-137 / Cf-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K.Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mail & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012



26 Whitney Drive, Millford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
Email Address: kharness@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

This certificate shall not be reproduced except in full, without the written approval of Kanawha Scales & Systems, Inc.

DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	CF-Z2818
Device Manufacturer:	Gammametrics	Source Manufacturer:	Frontier
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radioisotope(s):	Ce-137 / Cf-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K.Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mall & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012



26 Whitney Drive, Milford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
Email Address: khamess@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

This certificate shall not be reproduced except in full, without the written approval of Kanawha Scales & Systems, Inc.

DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	CF-Z2819
Device Manufacturer:	Gammametrics	Source Manufacturer:	Frontier
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radionuclide(s):	Cs-137 / Cf-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K. Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mail & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012



26 Whitney Drive, Millford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
Email Address: kharness@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

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DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	CF-Z1456
Device Manufacturer:	Gammametrics	Source Manufacturer:	Frontier
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radionuclide(s):	Co-137 Cf-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K.Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mail & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012



26 Whitney Drive, Milford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
 Email Address: kharness@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

This certificate shall not be reproduced except in full, without the written approval of Kanawha Scales & Systems, Inc.

DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	CF-21039
Device Manufacturer:	Gammametrics	Source Manufacturer:	Frontier
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radioisotope(s):	CF-252 Cs-137 / Cf-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K.Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mail & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012



26 Whitney Drive, Milford, OH 45150 / Phone: 513-576-0700 / Fax: 513-576-1884
Email Address: kharness@kanawhascales.com / Website Address: www.kanawhascales.com

LEAK TEST CERTIFICATE

This certificate shall not be reproduced except in full, without the written approval of Kanawha Scales & Systems, Inc.

DEVICE INFORMATION

Device Serial Number:	126	Source Serial Number:	CF-21038
Device Manufacturer:	Gammametrics	Source Manufacturer:	Frontier
Device Model:	2000	Source Model:	
Device Type:	Elemental Analyzer	Location:	Cliffs NR / Pinnacle Prep Plant
Radioisotope(s):	CF-252	Activity:	10 mCi / 25 micrograms

LEAK TEST INFORMATION

Leak Test Performed By:	Benny Browning	Leak Test Performed On:	9/22/11
Leak Test Specimen Number:	10095	Leak Test Analysis Date:	10/27/11
Leak Test Analysis Performed By:	K. Harness		
Leak Test Results Indicate an Activity of: < 0.005 uCi			

NOTIFICATION

The analysis of this leak test sample was provided by Kanawha Scales & Systems, Inc., Ohio Bureau of Radiation Protection License Number 03214130000. In the event this specimen indicates leakage and/or contamination in excess of 0.005 microcuries, Kanawha Scales & Systems, Inc. will notify you promptly by telephone and/or email; at such time you will need to take the appropriate actions required by the governing regulatory agency responsible in your area.

CLIENT INFORMATION

Mail & Ship To:

Cliffs North American Coal	Contact:	Russell Hodges
Pinnacle Creek Rd.	Phone:	304 256- 5814
Welch, WV 24874	Email:	

This certificate is an essential record and should be maintained for inspection by the appropriate regulatory agency.

NEXT LEAK TEST DUE: 03/22/2012

This is to acknowledge the receipt of your letter/application dated

2/10/2012, and to inform you that the initial processing which includes an administrative review has been performed.

☒ **Termination (47-25412-02)**
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 576940.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.