



COAL MAC, LLC
P. O. Box 1050
Holden, WV 25625
304/792-8400 (fax 304/792-8401)

July 26, 2022

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Re: Coal Mac, LLC
Renewal of Materials License No. 47-25599-01

Dear Sir or Madam:

Please find enclosed our Application for Renewal of Coal-Mac LLC Materials License No. 47-25599-01 for our coal preparation and loading facilities located in Logan and Mingo Counties of West Virginia.

Should you have any questions, or need additional information, please contact me at the phone numbers or email listed below.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Timothy H. Evans'.

Timothy H. Evans
Project Manager

304-792-8443 (office)
304-687-8237 (cell)
tim.evans@jmpholdingsllc.com

REC RG 1 08 23 '22 PM 02:19



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555-0001

July 1, 2022

ATTN: Radiation Safety Officer
Coal-Mac, LLC
Harless Industrial Park
22 Mine Road
Holden, WV 25625

Re: License No. 47-25599-01

SUBJECT: NOTICE OF LICENSE EXPIRATION

Your U.S. Nuclear Regulatory Commission (NRC) license will expire within the next 2 months. If you wish to continue your licensed program, you should prepare and submit a renewal application on NRC Form 313, "Application for Materials License" (enclosed), following regulations in *Title 10 of the Code of Federal Regulations* (10 CFR) and licensing guidance NUREG 1556, "Consolidated Guidance About Materials Licenses."

You must submit an application for the renewal of your license at least 30 days before the expiration date on the license.

If you do not wish to renew your license, you must dispose of or transfer all licensed radioactive material in your possession in accordance with 10 CFR Parts 30, 40 and 70. Then complete the enclosed NRC Form 314, "A Certificate of Disposition of Materials" and return it before the expiration date of your license, with a request that your license be terminated. If you have already applied for timely renewal of your materials license, please disregard this letter."

Sincerely,

/RA/

Materials Safety and Tribal Liaison Branch
Division of Material Safety, Security, State,
and Tribal Program
Office of Nuclear Material Safety
and Safeguards

Enclosures:

1. NRC Form 313
2. NRC Form 314

(10-2017)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-2 F43), 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, (3150-0120), 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.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/rs1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER

C. RENEWAL OF LICENSE NUMBER 47-25599-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)

*Coal-Mac LLC
P.O. Box 1050, 22 Mine Road
Holden, WV 25625*

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

*Ragland Loadout Facility
16 Duty Branch Road
Delbarton, WV 25670

Holden 22 Plat
Pine Creek Road
Omar, WV 25638*

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Doug Boyd

BUSINESS TELEPHONE NUMBER	BUSINESS CELLULAR TELEPHONE NUMBER
<i>304-792-8400</i>	<i>606-424-6121</i>
BUSINESS E-MAIL ADDRESS	
<i>doug.boyd@jmpholdingsllc.com</i>	

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.	7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.	9. FACILITIES AND EQUIPMENT.
10. RADIATION SAFETY PROGRAM.	11. WASTE MANAGEMENT.
12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31) *Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.	FEE CATEGORY: <input type="text"/> AMOUNT ENCLOSED \$: <input type="text"/>

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.
WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE	SIGNATURE	DATE
<i>Doug Boyd - RSO</i>	<i>Doug Boyd</i>	<i>7/26/22</i>

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

5. RADIOACTIVE MATERIAL

a. Element & Mass number	b. chemical and/or physical form	c. maximum amount which will be possessed at any one time.
Cesium 137	A. Sealed Sources (QSA/Amersham Models CDC.704, CDC.705, CDC.806, CDC.P4, CDC.93 CDC.ZT1; Isotope Products Laboratories Models 225, Cs7.PO2, CsPO4-A; Berthold Technologies SSC Series; Thermo Fisher Models 696894 and 57157C)	800 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S Nuclear Regulatory Commission or an Agreement State
Californium 252	B. Sealed Sources QSA/Amersham Models CDC .700 Series, CVN.Cyn Series, CVN.CY6, CDC.CY7, CVN.CY8, CVN.CY14, CVN.CY15, CVN.CY16, CVN.CY17; Frontier Technology Corp. Model 100 Series; FSUE Model HK252M41 Series; GE Hitachi Model GEN-Cf-100 Series; Isotope Product Laboratories Models 3004, 3014, and N-252 Series)	115 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S Nuclear Regulatory Commission or an Agreement State

**SUGGESTED FORMAT FOR PROVIDING INFORMATION REQUESTED IN
ITEMS 5 THROUGH 11 OF
U.S. NUCLEAR REGULATORY COMMISSION FORM 313**

Items 5 and 6: Materials To Be Possessed and Proposed Uses

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
		Isotope (Specify): <i>Cs-137</i>	Device manufacturer (or distributor) and model number: <i>Density Pro+ 5201 serial # B5239</i>	Specify activity per source and number of gauges requested. <i>59 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>analyze coal Refuse (slurry)</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cs-137</i>	Device manufacturer (or distributor) and model number: <i>Density Pro+ 5201 serial # B4777</i>	Specify activity per source and number of gauges requested. <i>74.98 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>analyze Coal Refuse (slurry)</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cs-137</i>	Device manufacturer (or distributor) and model number: <i>Density Pro+ 5201 serial # B4776</i>	Specify activity per source and number of gauges requested. <i>76.87 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>analyze coal Refuse (slurry)</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
Is financial assurance required? If yes, submit evidence of financial assurance.						

NOTE: Copy and attach additional pages as needed.

**SUGGESTED FORMAT FOR PROVIDING INFORMATION REQUESTED IN
ITEMS 5 THROUGH 11 OF
U.S. NUCLEAR REGULATORY COMMISSION FORM 313**

Items 5 and 6: Materials To Be Possessed and Proposed Uses

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
		Isotope (Specify): <i>Cs-137</i>	Device manufacturer (or distributor) and model number: <i>Berthold LB 7440D Serial # 0078/05</i>	Specify activity per source and number of gauges requested. <i>22.35 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze ash and moisture content - Coal</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>ECA (CBX) CBX Serial # 3637NU</i>	Specify activity per source and number of gauges requested. <i>4.91 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>analyze coal ash & moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>ECA (CBX) CBX Serial # FTC-CF-4327</i>	Specify activity per source and number of gauges requested. <i>1.01 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>analyze coal - ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
Is financial assurance required? If yes, submit evidence of financial assurance.						

NOTE: Copy and attach additional pages as needed.

**SUGGESTED FORMAT FOR PROVIDING INFORMATION REQUESTED IN
ITEMS 5 THROUGH 11 OF
U.S. NUCLEAR REGULATORY COMMISSION FORM 313**

Items 5 and 6: Materials To Be Possessed and Proposed Uses

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>ECA (CBX) CBX Serial # FTC-CF-6851</i>	Specify activity per source and number of gauges requested. <i>0.47 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze Coal ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>ECA (CBX) CBX Serial # FTC-CF-23000</i>	Specify activity per source and number of gauges requested. <i>0.49 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze Coal ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cs-137</i>	Device manufacturer (or distributor) and model number: <i>CQM (CB-H1) CB-H1 Serial # V-953</i>	Specify activity per source and number of gauges requested. <i>6.13 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze Coal ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
Is financial assurance required? If yes, submit evidence of financial assurance.						

NOTE: Copy and attach additional pages as needed.

**SUGGESTED FORMAT FOR PROVIDING INFORMATION REQUESTED IN
ITEMS 5 THROUGH 11 OF
U.S. NUCLEAR REGULATORY COMMISSION FORM 313**

Items 5 and 6: Materials To Be Possessed and Proposed Uses

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses Not Listed on SSD Registration Certificate
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>CQM (CB-H1) CB-H1 Serial # FTC-CF-5118</i>	Specify activity per source and number of gauges requested. <i>2.36 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze Coal ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>CQM (CB-H1) CB-H1 Serial # FTC-CF-7989</i>	Specify activity per source and number of gauges requested. <i>1.53 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze Coal ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
		Isotope (Specify): <i>Cf-252</i>	Device manufacturer (or distributor) and model number: <i>CQM (CB-H1) CB-H1 Serial # FTC-CF-6140</i>	Specify activity per source and number of gauges requested. <i>4.81 mCi</i>	Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <i>Analyze Coal ash and moisture content</i>	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use)
Is financial assurance required? If yes, submit evidence of financial assurance.						

NOTE: Copy and attach additional pages as needed.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

Coal analysis - measuring materials density,, ash and moisture content.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM

Doug Boyd - RSO - Coal-Mac LLC

See attached Certification

8. TRAINING FOR INDIVIDUALS WORKING IN OR AROUND RESTRICTED AREAS

Coal-Mac's Safety Training Program and Annual Audits will be available for review during NRC inspections.

9. FACILITIES AND EQUIPMENT

Coal-Mac LLC will ensure that the location of each fixed gauge meets the criteria in Section 8.9, "Facilities and Equipment," in NUREG-1556, Volume 4, Revision 1, 'Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses.'

10. RADIATION SAFETY PROGRAM

Coal-Mac LLC will conduct an annual review of the content and implementation of their radiation protection program.

A summary of these annual audits will kept on file with the RSO for a minimum of three (3) and will be available for review during NRC inspections.

11. WASTE MANAGEMENT

Any transfer, disposal or relocation of guages will be conducted soley by an authorized third specializing in radioactive materials handling.



CERTIFICATE OF RADIOLOGICAL TRAINING

This is to certify that

Doug Boyd

has been successfully trained and tested in the following

***8-HOUR RADIATION SAFETY OFFICER REFRESHER TRAINING
AND INSTRUCTION AS REQUIRED BY NUREG-1556
VOLUME 4, APPENDIX G AND 49 CFR 172, SUBPART H***

*presented by Applied Health Physics, LLC
October 14th, 2019*

Todd Mobley

*Instructor: Todd Y. Mobley, President
Training Materials Located at:
Applied Health Physics, LLC
2986 Industrial Blvd., Bethel Park, PA 15102*

October 14, 2019

Completion Date

October 14, 2022

DOT Subpart H Expiration Date