

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 07/31/2026

(10-13-2023)  
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 FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to [Infocollections.Resource@nrc.gov](mailto:Infocollections.Resource@nrc.gov), and the OMB Reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0120), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; email: [oir\\_submission@omb.eop.gov](mailto:oir_submission@omb.eop.gov). The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

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/sr1556/>. SEND ONE COPY OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

**APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:**

MATERIALS SAFETY AND TRIBAL LIAISON BRANCH  
DIVISION OF MATERIALS SAFETY, SECURITY, STATE AND TRIBAL 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 RADIOLOGICAL SAFETY AND SECURITY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
475 ALLENDALE ROAD, SUITE 102  
KING OF PRUSSIA, PA 19406-1415  
[R1DRSSMail.Resource@nrc.gov](mailto:R1DRSSMail.Resource@nrc.gov)

\*Note: The preferred method to submit NRC Form 313 is email. Any other document (e.g., financial assurance documents) should be sent via mail.

**IF YOU ARE LOCATED IN:**

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

MATERIALS LICENSING BRANCH  
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352  
[R3-DRSSMail.Resource@nrc.gov](mailto:R3-DRSSMail.Resource@nrc.gov)

\*Note: The preferred method to submit NRC Form 313 is email. Any other document (e.g., financial assurance documents) should be sent via mail.

**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:**

MATERIALS LICENSING BRANCH  
DIVISION OF RADIOLOGICAL SAFETY AND SECURITY  
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511  
[R4licensing@nrc.gov](mailto:R4licensing@nrc.gov)

\*Note: The preferred method to submit NRC Form 313 is email. Any other document (e.g., financial assurance documents) should be sent via mail.

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 47-30927-01

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

300 Running Right Way  
P.O. Box 261  
Julian, WV 25529

**3. LIST ADDRESS AND/OR TEMPORARY JOB SITE (TJS) ADDRESS, WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED**

Rum Creek Coal Sales Inc.  
P.O. Box 1098  
Holden, WV 25625

**4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

Thaddeus White

**BUSINESS TELEPHONE NUMBER**

304-369-8641

**BUSINESS CELLULAR TELEPHONE NUMBER**

304-400-9406

**BUSINESS E-MAIL ADDRESS**

[tjwhite@alphametresources.com](mailto:tjwhite@alphametresources.com)

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 APPLICABLE [LICENSING GUIDANCE](#).

**5. RADIOACTIVE MATERIAL**

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

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

**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

AMOUNT ENCLOSED \$

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>. FAX THE COMPLETED NRC FORM 531 TO (301) 415-6725.

**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

Thaddeus J. White/Corporate RSO

SIGNATURE

DATE

7/15/24

**FOR NRC USE ONLY**

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

## **Alpha Metallurgical Resources Radiation Safety Program Annual Audit**

- Credentials
  - RSO: **Thaddeus White**
- Review License/ Registrations:
  - License #**SI-47-30927-01**      Due Paid: **Yes**      Expiration Date: **9/30/2024**
- Postings and Signage:
  - NRC Postings Location: **Feats Loadout Office**
  - Date Posted: **2/13/2024**.
- Detector:
  - Manufacturer & Model: **Sentinel/ RADEYE G**
  - Serial Number: **1014**
  - Calibration Date: **11/1/2023**
- Devices:
  - Manufacturer and Model: **Thermo Measure Tech/5202**
    - Serial Number: **B2567**
    - Frequency & Last Leak Test: **3 Years/ 5/4/2023**
    - Frequency & Last Shutter Check: **6 Months/ 5/23/2024**
    - Sources Present: **Cs-137**
- Devices:
  - Manufacturer and Model: **Thermo Measure Tech/5202**
    - Serial Number: **B2568**
    - Frequency & Last Leak Test: **3 Years/ 5/4/2023**
    - Frequency & Last Shutter Check: **6 Months/ 5/23/2024**
    - Sources Present: **Cs-137**
- Devices:
  - Manufacturer and Model: **Thermo Measure Tech/5202**
    - Serial Number: **B2569**
    - Frequency & Last Leak Test: **3 Years/ 5/4/2023**
    - Frequency & Last Shutter Checks: **6 Months/ 5/23/2024**
    - Sources Present: **Cs-137**
- Devices:
  - Manufacturer and Model: **Thermo Measure Tech/5202**
    - Serial Number: **B2570**
    - Frequency & Last Leak Test: **3 Years/ 5/4/2023**
    - Frequency & Last Shutter Checks: **6 Months/ 5/23/2024**
    - Sources Present: **Cs-137**
- Radiation Safety Plan & Training Materials:
  - Radiation Safety Narrative: **Emergency Response Plan and Emergency Contacts**

**Items 5-11 of Nuclear Regulatory Commission Form 313**

Yes	No	Radionuclide	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Registration Certificate	Specify Other Uses
✓		Cs-137	Thermo Measure Tech. - 5202	200 mCi	Truck Dump Bin Feats Loadout	
✓		Cs-137	Thermo Measure Tech. - 5202	200 mCi	Truck Dump Bin Feats Loadout	
✓		Cs-137	Thermo Measure Tech. - 5202	200 mCi	Truck Dump Bin Feats Loadout	
✓		Cs-137	Thermo Measure Tech. - 5202	200 mCi	Truck Dump Bin Feats Loadout	

**Items 7 through 11: Training and Experience,  
Facilities and Equipment, Radiation Safety Program,  
and Waste Disposal**

Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
7. Individual(s) Responsible For Radiation Safety Program and Their Training and Experience  7.1 Radiation safety officer Thaddeus Name: <u>White</u>	Documentation demonstrating the proposed radiation safety officer's training and experience (e.g., certificate of completion of the RSO's course and/or the authorized user's course).	Submit applicable documentation.	
7. Individual(s) Responsible For Radiation Safety Program and Their Training and Experience  7.2 Authorized users	Before using licensed materials, authorized users will have successfully completed one of the training courses described in the "Criteria" part of the section titled, "Authorized Users" in NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses."	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Training for Individuals Working In or Frequenting Restricted Areas	The applicant is <i>not</i> required to and should not submit its training program for individuals who in the course of employment are likely to receive occupational doses of radiation in excess of 1 mSv (100 mrem) in a year (occupationally exposed workers) and ancillary personnel to the NRC for review during the licensing phase.	Need not be submitted with application.	



Item No. and Title	Suggested Response	Yes	Alternative Procedures Attached
10.3 Radiation Safety Program – Material Receipt and Accountability	<p>Physical inventories will be conducted every 6 months or at other intervals approved by the NRC to account for all sealed sources and devices received and possessed under the license.</p> <p style="text-align: center;"><b>AND</b></p> <p>We will develop, implement, and maintain procedures for ensuring accountability of licensed materials at all times.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.4 Radiation Safety Program – Occupational Dose	<p>We will maintain, for inspection by the NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of the limits in 10 CFR 20.1502(a).</p> <p style="text-align: center;"><b>OR</b></p> <p>We will provide and require the use of individual monitoring devices (dosimetry). All personnel dosimeters that require processing to determine the radiation dose will be processed and evaluated by a NVLAP-approved processor.</p>	<input checked="" type="checkbox"/>  <input type="checkbox"/>	<input type="checkbox"/>
10.5 Radiation Safety Program – Public Dose	The applicant is <i>not</i> required to submit a response to the public dose section in a license application. This matter will be examined during NRC inspections.	Need not be submitted with application.	
10.6 Radiation Safety Program – Operating, Emergency, and Security Procedures	<p>If the gauge meets one or more of the safety conditions specified in the "Discussion" part of Section 8.10.6, "Operating, Emergency, and Security Procedures," in NUREG-1556, Volume 4, Revision 1, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Fixed Gauge Licenses," state the following: Operating, emergency, and security procedures will be developed, implemented, maintained, and distributed and will meet the criteria in Section 8.10.6, "Operating, Emergency, and Security Procedures," in NUREG-1556, Volume 4, Revision 1.</p> <p style="text-align: center;"><b>OR</b></p> <p>If each gauge requested does not meet any of the safety conditions specified in the "Discussion" part of Section 8.10.6, "Operating, Emergency, and Security Procedures," in NUREG-1556, Volume 4, Revision 1, provide your operating, emergency, security, and lock-out (if applicable) procedures.</p>	<input checked="" type="checkbox"/>  <input type="checkbox"/> Procedures Attached	<input type="checkbox"/>





# CERTIFICATE OF COMPLETION

Presented by Radiation Solutions, LLC to

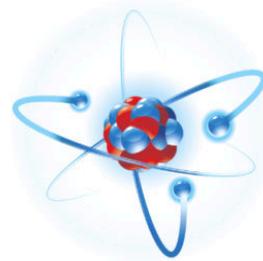
# Thaddeus White

Has successfully completed the course listed above in accordance with the requirements of NUREG 1556  
VOL 4, 10 CFR Parts 19, 20 & 30, and DOT HAZMAT requirements in 49 CFR 172.

completed on



**RADIATION**  
**SOLUTIONS**



*JC O'Rullian*

JC O'RULLIAN

Instructor