

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

(07-31-2023)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40

APPLICATION FOR
MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 07/31/2026

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, 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: ofra_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

*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

*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

*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 21-26748-01
- ☐ C. RENEWAL OF LICENSE NUMBER _____

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

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

Lawrence Gray
101 Tilden Rd.
Ishpeming, MI 49849

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Lawrence Gray

BUSINESS TELEPHONE NUMBER

906-475-3521

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS E-MAIL ADDRESS

Lawrene.gray@clevelandcliffs.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 [LICENSE APPLICATION GUIDE](#).

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

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
CATEGORYAMOUNT
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

Lawrence Gray

SIGNATURE

Lawrence M Gray

DATE

06-18-24

FOR NRC USE ONLY

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


June 18, 2024

U.S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

REF: License No. 21-26748-01 Tilden Mining Company L.C.

To whom it may concern:

The Tilden Mine would like to update our license to reflect changes in our procedures. We would like to add a procedure.

	Title: Stuck Shutter Removal from Service	
	Doc. No.	RS-015
	Date:	04/11/24
	Rev. No. 1	04/11/24

Approved: Lawrence M Gray
Document Controller
Approved: Lawrence M Gray, RSO
Management Representative

Change Record

Rev	Date	Responsible Person	Description Of Change
1	April, 11, 2024	Gray/Czupinski	Initial Release

1. Objective

For gauges with stuck shutters – this procedure provides guidance for the safe handling of devices containing radioactive material as they are removed from installed locations and placed in storage.

2. Scope

The Authorized user will understand what is expected from them regarding guidelines for removal from service of a device to storage.

3. Responsibilities

Authorized User

4. Procedure/Outline

- A. Once a stuck shutter is identified, notify the RSO. The NRC requires reporting of a stuck shutter within 24 hours.
- B. Take-down of devices for storage requires a **Radiation Safety Permit**
- C. A properly trained, authorized Tilden employee shall remove the device from its installed location and transport it to the storage area. No device shall be moved unless it is within its current leak test period. Leak testing is required every three years.
- D. Personnel involved with the physical removal of the device shall be knowledgeable of procedures to be followed, hazards and potential exposure, prior to beginning work with the device.
- E. Prior to removal a plan will be made assessing the path of the unblocked beam during removal. Any area in the path of the beam will be marked no entry. This area will extend for a minimum of 25 feet in any direction.
- F. The source will be physically secured prior to unbolting from its mount so that its movement can be controlled at all times.
- G. An employee will be positioned to be in control of the source at any time it is not secured in three dimensions.
- H. Lead will be used to block the beam as soon as it is practical to do so. Lead will be secured to the source prior to transportation to storage.
- I. Once the lead is secured a survey will be performed to ensure the source adequately blocked. Measurements will be recorded on the source removal form, which will be given to the RSO after source relocation.
- J. The source will then be transported to the properly posted, secured storage area.
- K. A survey will be performed to document radiation levels around the storage area.
- L. A copy of the storage area survey results will be reviewed and maintained by the RSO, along with documentation of the removal and storage of the device. The site inventory will be updated to reflect the storage location of the device.

Sincerely,


Lawrence M Gray
Radiation Safety Officer

From: [Gray, Lawrence M](#)
To: [R3-DRSSMail Resource](#)
Cc: [Jason Draper](#)
Subject: [External_Sender] Application for Amendment - Tilden License
Date: Tuesday, June 18, 2024 11:03:21 AM
Attachments: [Amendment Request.pdf](#)



Lawrence M Gray
Health & Safety Training Specialist, RSO
P 906-475-3521 M 906-361-1463
Lawrence.Gray@Clevelandcliffs.com

CLEVELAND-CLIFFS INC.
Tilden Mining Company L.C.
P.O. Box 2000 Ishpeming, MI 49849-0901

This electronic message and any attachments included with this message are for the exclusive use of the individual or entity to which it is intended to be addressed. This message may contain information that is privileged or confidential and thereby exempt and protected from unauthorized disclosure under applicable law. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering the message to the intended recipient, be aware that any disclosure, dissemination, distribution or copying of this communication, or the use of its contents, is not authorized and is strictly prohibited. If you have received this communication and are not the intended recipient, please notify the sender immediately and permanently delete the original message from your e-mail system.
