

NRC FORM 313  
(03-2013)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40



U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIALS  
LICENSE

APPROVED BY OMB: NO. 3160-0120

EXPIRES: 06/31/2015

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-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [InfoCollect.Resource@nrc.gov](mailto:InfoCollect.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 APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. \*AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.**

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND  
ENVIRONMENTAL MANAGEMENT PROGRAMS  
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
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

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

21-20351-01

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

Weyerhaeuser NR Company  
4111 West Four Mile Rd.  
Grayling, MI 49738

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Weyerhaeuser NR Company  
4111 West Four Mile Rd.  
Grayling, MI 49738

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Kathi Moss

BUSINESS TELEPHONE NUMBER

(989) 348-3475

BUSINESS CELLULAR TELEPHONE NUMBER

(989) 619-3042

BUSINESS EMAIL ADDRESS

[kathi.moss@weyerhaeuser.com](mailto:kathi.moss@weyerhaeuser.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

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING 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)

FEE CATEGORY

AMOUNT  
ENCLOSED \$

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, 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

Rina Allen, Plant Manager

SIGNATURE

DATE

9/11/13

FOR NRC USE ONLY

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

**Grayling OSB** • 4111 West Four Mile Rd • Grayling, MI, 497387

989-348-3475 Office  
989-348-8226 Fax  
Kathi.moss@weyerhaeuser.com

September 11, 2013

**Application for Materials License, Appendix B**

**Table B.1 Items 5 & 6, Form 313: Materials to be Possessed and Proposed Uses**

Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use as Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
Americium-241	Sealed source manufacturer or distributor and model number:  LFE Corporation - Thermal Fisher  Model No. SU-S3	1	The fixed gauge(s) will be used for the purposes described on the SSD Registration Certificate	NA

**Table B.2 Items 7 through 11, Form 313:**

Item No. and Title	Response	Yes	Alternative Procedures Attached
7. Individual(s) Responsible For Radiation Safety Program And Their Training And Experience	RSO has successfully completed the training described in Criteria in the section entitled 'Radiation Safety Officer' in NUREG-1556, Vol. 4, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Fixed Gauges Licenses,' dated October 1998"; and	✓	
7.1 Radiation Safety Officer  Kathi Moss	Before being named as the RSO, future RSOs will have successfully completed the training described in Criteria in the section entitled 'Radiation Safety Officer' in NUREG-1556, Vol. 4, 'Consolidated Guidance about Materials Licenses: Program-Specific	✓	

	Guidance about Fixed Gauges Licenses,' dated October 1998. Within 30 days of naming a new RSO, we will submit the new RSO's name to NRC to include in our license		
8. Training 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	NA		
9. Facilities and Equipment	We will ensure that the location of each fixed gauge meets the Criteria in the section entitled "Facilities and Equipment" in NUREG-1556, Vol. 4, dated October 1998.	✓	
10. Radiation Safety Program - Survey Instruments	We will use instruments that meet the Criteria in the section entitled "Radiation Safety Program - Instruments," in NUREG-1556, Vol. 4, dated August 1998, and:  Each survey meter will be calibrated by the manufacturer or other person authorized by the NRC or an Agreement State to perform survey meter calibrations.	✓	
Radiation Safety Program - Occupational Dosimetry	We will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the Criteria in the section entitled "Radiation Safety Program - Occupational Dosimetry," in NUREG-1556, Vol. 4, dated October 1998.		
Radiation Safety Program - Public Dose	Thermo EGS Gauging, Inc. document # MA-1287-D-104-B		
Radiation Safety Program - Operating & Emergency Procedures	Operating and emergency procedures have been developed, implemented, maintained, and distributed, and will meet the Criteria in the section entitled "Radiation Safety Program - Operating and Emergency Procedures," in NUREG-1556, Vol. 4,		

	dated August 1998.		
Radiation Safety Program - Leak Test	<p>Leak tests are performed at intervals approved by the NRC or an Agreement State and specified in the Sealed Source and Device Registration Certificate. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.</p>		
Radiation Safety Program - Maintenance	<p><b>ROUTINE MAINTENANCE</b> We will implement and maintain procedures for routine maintenance of our fixed gauges according to each manufacturers or distributor's written recommendations and instructions.</p> <p><b>NON-ROUTINE MAINTENANCE OPERATIONS</b> The gauge manufacturer, distributor or other person authorized by NRC or an Agreement State will perform non-routine operations such as installation, initial radiation survey, repair, and maintenance of components related to the radiological safety of the gauge, gauge relocation, replacement, and disposal of sealed sources, alignment, or removal of a gauge from service.</p>		
Radiation Safety Program - Fixed Gauges Used at Temporary Job Sites	<p>This is not applicable to our program. We will not use fixed gauges at temporary job sites.</p>		

## Tran, Frank

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**From:** Moss, Kathi <kathi.moss@weyerhaeuser.com>  
**Sent:** Wednesday, September 11, 2013 7:18 AM  
**To:** Tran, Frank  
**Subject:** RE: Re: Renewal info for NRC License No. 21-20351-01  
**Attachments:** 2013-9-11 Materials License Application and Appendix B.pdf

Hello Frank. Our renewal application is attached. Please contact me with any questions you may have and thank you again for the reminder. I will add this task to my calendar so I don't miss it again.

**Kathi Moss**

EH&S Manager  
(989) 348-3475 (office)  
(989) 619-3042 (cell)  
(989) 348-8226 (fax)

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**From:** Tran, Frank [<mailto:Frank.Tran@nrc.gov>]  
**Sent:** Tuesday, September 10, 2013 1:01 PM  
**To:** Moss, Kathi  
**Subject:** [WARNING: MESSAGE ENCRYPTED]Re: Renewal info for NRC License No. 21-20351-01

Dear Ms. Moss:

As discussed with you by telephone today, attached are forms needed to complete the renewal application. Additional information regarding the use of your licensed material are in NUREG-1556, Volume 4 listed at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v4/>

You could fax the completed application (with a proper signature) to 630-515-1078 or scan and email it to [frank.tran@nrc.gov](mailto:frank.tran@nrc.gov).

Please let me know if you have any questions.

Best regards,

Frank Tran  
License Reviewer  
USNRC/Region III/DNMS  
630-829-9623