



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, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollections.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

21-26079-01

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

T.E.S. Filer City Station Limited Partnership
700 Mee Street
P. O. Box 12
Filer City, MI 49634

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

700 Mee Street
Filer City, MI 49634

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Richard Kubiskey

BUSINESS TELEPHONE NUMBER

(231) 723-6573

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS EMAIL ADDRESS

richard.kubiskey@cmsenergy.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

1C

AMOUNT
ENCLOSED \$

1,300.00

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

Richard J. Kubiskey JR. - RSO

SIGNATURE

Richard J. Kubiskey JR.

DATE

2-14-15

FOR NRC USE ONLY

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

**T.E.S. Filer City Station
Nuclear License Renewal
License Number 21-26079-01**

5. RADIOACTIVE MATERIAL

a. Element and Mass Number

<u>Radioisotope</u>	<u>Manufacturer</u>	<u>Quantity</u>	<u>Use as Listed on SSD Certificate</u>	<u>Other Uses Not Listed on SSD</u>
Cesium – 137 20 mCi	TN Technologies Model 5201 Serial No. B-4284	1	Recycle Density Scale	N/A
Cesium – 137 16 mCi	Berthold Technologies Model LB 300L Serial No. 1277-06-08	1	Coal Belt Scale	N/A
Cesium – 137 16 mCi	Berthold Technologies Model LB 300L Serial No. 1276-06-08	1	Wood Belt Scale	N/A
Cesium – 137 16 mCi	Berthold Technologies Model LB 300L Serial No. 1151-08-11	1	Tire Derived Fuel Belt Scale	N/A

b. Chemical and/or Physical Form

Fixed gauge(s) which are a sealed source manufactured by TN Technologies Model 5201 and Berthold Technologies Model LB 300L

c. Maximum amount which will be possessed at any time

No single source to exceed 20 mCi

6. PURPOSES FOR WHICH LICENSED MATERIAL WILL BE USED

To be used in TN Technologies Model 5201 and Berthold Technologies Model LB 300L. Source holder for the determination of the weight of wood waste, coal and tire chips on each of the belt scales and the liquid density of the recycle slurry system.

7. INDIVIDUAL RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE

Richard Kubiskey (Rick) will be the Radiation Safety Officer (RSO) to be listed on the renewal license. Rick has completed the fixed gauge manufacturer's course with TN Technologies. Rick has been the RSO at our facility since 2003.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS

Yearly training of employees is conducted by the RSO and a private contractor. The topics covered by the training are: regulatory requirements, radiation protection guidelines, emergency procedures, gauge location, gauge lock-out, three elements of radiation, etc.

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, "Consolidated Guidance about Materials Licenses: Program Specific Guidance about Fixed Gauge Licenses," dated October 1998.

10. RADIATION SAFETY PROGRAM

Audit Program

Not required with application

Instruments

N/A

Material Receipt and Accountability

We will conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 2 years from date of each inventory.

Occupational Dose

N/A

Operating and Emergency Procedures

In case of an accident, fire or damage to a fixed gauge:

1. Cease work immediately.
2. Inform the Radiation Safety Officer.
3. Keep 20 feet away from the source (Rope the area off).
4. Inform the Agency (NRC) within 24 hours.
5. Take additional steps, dependent on the specific situations.

Leak Tests

1. Leak test will be performed on the fixed sources every 3 years.
2. The samples will be tested by Thermo Fisher Scientific.

Maintenance

We will implement and maintain procedures for routine maintenance of the fixed gauges according to the manufacturer recommendations and instructions.

Transportation

Not required for application

Minimization of Contamination

Not required with application

11. WASTE MANAGEMENT

When disposing of fixed gauges, we will contact the original manufacturer of the device or a commercial firm licensed by the NRC to accept the radioactive waste. Before transferring the radioactive material, we will verify that the recipient is properly authorized to receive it using one of the methods described in 10 CFR 30.41. In addition, all packages containing radioactive sources will be prepared and shipped in accordance with NRC and DOT regulations. Records of transfer will be maintained as required by 10 CFR 30.51.

CERTIFIED MAIL™



7013 3020 0002 4150 2965



T.E.S. FILER CITY STATION
700 MEE STREET
P.O. BOX 12
FILER CITY, MI 49634-0012

TO:

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