



BITTNER ENGINEERING, INC.

P. O. Box 713

Transmittal Letter

113 South 10th Street, Escanaba, Michigan 49829

906-789-1511 • FAX 906-789-9977

To: Materials Licensing Branch U.S. Nuclear Regulatory Commission 2443 Warrenville Rd. Suite 210 Lisle, IL 60532-4352	Date: 2-28-14 Reference: Renewal of License 21-26010-01
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WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop Drawings ☐ Prints ☐ CAD Files ☐ Reproducibles ☐ Specifications
☐ Change Order ☐ Samples ☐ Reports ☐ Misc. Information

Copies	Description
2	Application for Materials License - Renewal

THESE ARE TRANSMITTED as checked below:

- ☐ For Approval ☐ Acceptable as Submitted ☐ Resubmit ___ Copies for Review
☒ For Your Use ☐ Acceptable as Noted ☐ Submit ___ Copies for Distribution
☐ As Requested ☐ Return for Corrections ☐ Return ___ Corrected Prints
☐ Review and Comment
☐ FOR BIDS DUE:

REMARKS:

copies: File

Signed: _____

RECEIVED MAR 6 2014



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-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet 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 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

21-26010-01

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

Bittner Engineering, Inc.
113 South 10th Street
P.O. Box 713
Escanaba, MI 49829

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Bittner Engineering, Inc.
113 South 10th Street, Escanaba, MI 49829 and at temporary
project sites throughout the United States subject to NRC
authority.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Dennis Bittner

BUSINESS TELEPHONE NUMBER

(906) 789-1511

BUSINESS CELLULAR TELEPHONE NUMBER

(906) 420-0988

BUSINESS EMAIL ADDRESS

bittnerengineering@bittnerengineering.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

Renewal

AMOUNT
ENCLOSED \$

0.00

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, 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

Dennis B. Bittner, P.E., President

SIGNATURE

DATE

2/28/14

FOR NRC USE ONLY

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

BITTNER ENGINEERING, INC.
License No. 21-26010-01
Control No. 313025

Item No. 5 & 6

Radioisotope: Cesium - 137:

- Sealed Source Manufacturer and Model No.
 - Troxler (Dwg. No. A-102112)
Model 3400 Series, 4640, 4545, or 3565 Moisture/Density Gauges
- Quantity
 - No Single Source to Exceed 10 Millicuries Each
- Use
 - To Measure the Physical Properties of Materials

Radioisotope: Americium - 241:

- Sealed Source Manufacturer and Model No.
 - Troxler (Dwg. No. A-102451)
Model 3400 Series, 3216, or 3218 Moisture/Density Gauges
- Quantity
 - No single Source to Exceed 500 Millicuries Each
- Use
 - To Measure the Physical Properties of Materials

Item No. 7

The Radiation Safety Officer for this license is Lewis Vaillencourt.

The RSO has a certificate of completion of the portable gauge manufacturer's course for the use of nuclear testing equipment and has the time and commitment from management to fulfill certain duties and responsibilities to ensure that radioactive materials are used in a safe manner.

Item No. 8

Before using licensed materials, authorized users will have successfully completed the portable gauge manufacturer's course for the use of nuclear testing equipment and will have been instructed in the licensee's routine and emergency operating procedures.

Item No. 9

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Item 10

We will have access to and use a radiation survey meter that meets the criteria in the section entitled "Radiation Safety Program — Instruments in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.

Physical inventories will be conducted at intervals not to exceed six months, to account for all sealed sources and devices received and possessed under the license.

We will maintain, for inspection by the NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.

We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.

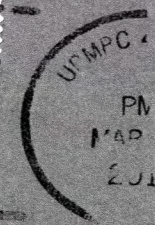
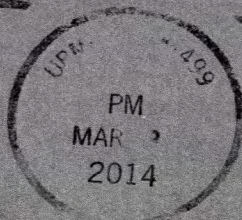
Leak tests will be performed at intervals approved by NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak 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.

We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.

We will send the gauge(s) to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.

Item No. 11

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P.O. Box 713
Escanaba, Michigan 49829-0713

TO:

Materials Licensing Branch
U. S. Nuclear Regulatory Commission
Region III

2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

