

NRC FORM 313 (10-2005) U.S. NUCLEAR REGULATORY COMMISSION 10 CFR 30, 32, 33, 34, 35, 36, 39, and 40

APPROVED BY OMB: NO. 3150-0120 EXPIRES: 10/31/2008 Estimated burden per response to comply with this mandatory collection request: 4.4 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.

APPLICATION FOR MATERIAL LICENSE

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001

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 Br 3

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, 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:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19408-1416

NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TX 76011-4005 03035363 X

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION

A. Morton Thomas & Associates, Inc. ENSED 5/18/10

1. THIS IS AN APPLICATION FOR (Check appropriate item) A. NEW LICENSE B. AMENDMENT TO LICENSE NUMBER C. RENEWAL OF LICENSE NUMBER 19-25514-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code) 12750 Twinbrook Pkwy Rockville, MD 20852

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED 12750 Twinbrook Pkwy Rockville, MD 20852

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Murphy Tuomey / Janice Gary TELEPHONE NUMBER 301.881.2545

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 (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 Murphy Tuomey

SIGNATURE Murphy Tuomey

DATE 3/22/10

FOR NRC USE ONLY

Table with columns: TYPE OF FEE, FEE LOG, FEE CATEGORY, AMOUNT RECEIVED, CHECK NUMBER, COMMENTS, APPROVED BY, DATE. Includes handwritten number 144698.

Question 5 - 11

5. **Radioactive Material**
 - a. Element & mass number
 - i. Cesium-137
 - ii. Americium-241:Be
 - b. Chemical and/or Physical form; and
 - i. Sealed Source (Troxler dwg A102112)
 - ii. Sealed Source (Troxler dwg A102451)
 - c. Maximum amount which will be possessed at any one time
 - i. No source to exceed 8 millicuries
 - ii. No source to exceed 40 millicuries

6. **Purpose(s) for which Licensed Material will be used**
 - a. To measure construction material

7. **Individual(s) Responsible for Radiation Safety Program and their Training Experience**
 - a. Murphy Tuomey

8. **Training for Individuals working In or frequenting restricted areas**
 - a. Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled "Training for Individuals Working In or Frequenting restricted areas in NUREG-1556, Vol 1, Rev 1, 'Consolidated Guidance about Materials Licenses: Program-Specific guidance about Portable Gauge Licenses,' dated November 2001".

9. **Facilities and Equipment**
 - a. The portable gauge is secured and in compliance with public dose limits.

10. **Radiation Safety Program**
 - a. Audit Program – We are not required to, and should not, submit its audit program to NRC for review during the licensing phase.
 - b. Termination of Activities – We are not required to submit a response to NRC during the initial application. However, when the license expires or when the licensee ceases operations, then NRC Form 314 must be submitted.
 - c. Instruments – We will either possess and use, or 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, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated November 2001, in the event of an incident."
 - d. Material Receipt and Accountability – Physical inventories will be conducted at intervals not to exceed 6 months to account for all sealed sources and devices received and possessed under the license.
 - e. Occupational Dosimetry – We will either maintain for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor."
 - f. Public Dose – We are not required to respond during the license application but this matter will be examined during an inspection.
 - g. Operating and Emergency Procedures – We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, 'Consolidated Guidance about materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated November 2001, and provide copies of these procedures to all gauge users and at each job site."
 - h. Leak Tests – 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 test kits to other licensees and according to the kit supplier's instructions."
 - i. Maintenance – We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.
 - j. Transportation – No response is needed at this time, but will be reviewed during inspection.

11. **Waste Management**
 - a. No response is needed during this process and we understand that we should establish and include waste disposal procedures in our radiation safety program.

RENEWAL

This is to acknowledge the receipt of your letter/application dated 3/22/2010 (RECEIVED BY FAX) 5/19/2010 and to inform you that the initial processing which includes an administrative review has been performed.

RENEWAL 19-25514-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 144693.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader