



**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 Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE0B-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 78011-4511

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 24-26087-01

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

Mathis & Associates
114 North Broadway
Poplar Bluff, Missouri 63901

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Mathis & Associates
114 North Broadway
Poplar Bluff, Missouri 63901

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Thomas J. Mathis, III

BUSINESS TELEPHONE NUMBER
(573) 785-4202

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS EMAIL ADDRESS
mathis@tcmx.net

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, 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

Thomas J. Mathis, III - Owner

SIGNATURE

DATE

6/17/14

FOR NRC USE ONLY

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



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 14, 2014

Mr. Thomas Mathis
Mathis & Associates
114 N. Broadway Street
Poplar Bluff, MO 63901

SUBJECT: NOTICE OF LICENSE EXPIRATION
License No. 24-26087-01

Dear Mr. Mathis:

Your U.S. Nuclear Regulatory Commission license will expire within the next 2 months. If you wish to continue your licensed program, you should prepare and submit a renewal application on NRC Form 313 (enclosed), following regulations in 10 CFR and licensing guidance NUREG 1556, "Consolidated Guidance About Materials Licenses."

You must submit an application for the renewal of your license at least 30 days before the expiration date on the license.

If you do not wish to renew your license, you must dispose of or transfer all licensed radioactive material in your possession in accordance with 10 CFR 30, 40 and 70. Then complete the enclosed Form NRC-314, "A Certificate of Disposition of Materials" and return it before the expiration date of your license, with a request that your license be terminated. If you have already applied for timely renewal of your materials license, please disregard this letter."

Sincerely,

Licensing Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials
and Environmental Management Programs

Enclosures:

1. Form NRC 313
2. Form NRC 314



**APPLICATION FOR MATERIALS
LICENSE**

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| | |
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| <p>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p>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</p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</p> <p>IF YOU ARE LOCATED IN:</p> <p>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,</p> <p>SEND APPLICATIONS TO:</p> <p>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</p> | <p>IF YOU ARE LOCATED IN:</p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352</p> <p>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,</p> <p>SEND APPLICATIONS TO:</p> <p>NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511</p> |
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| | | | | | |
|---|---|---------------------------|------------------------------------|------------------------|--|
| <p>1. THIS IS AN APPLICATION FOR <i>(Check appropriate item)</i></p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____</p> <p><input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____</p> | <p>2. NAME AND MAILING ADDRESS OF APPLICANT <i>(Include ZIP code)</i></p> | | | | |
| <p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> | <p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">BUSINESS TELEPHONE NUMBER</td> <td style="width:50%;">BUSINESS CELLULAR TELEPHONE NUMBER</td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS</td> </tr> </table> | BUSINESS TELEPHONE NUMBER | BUSINESS CELLULAR TELEPHONE NUMBER | BUSINESS EMAIL ADDRESS | |
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| <p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</p> | <p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p> |
| <p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p> | <p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</p> |
| <p>10. RADIATION SAFETY PROGRAM.</p> | <p>9. FACILITIES AND EQUIPMENT.</p> |
| <p>12. LICENSE FEES <i>(Fees required only for new applications, with few exceptions*)</i> <i>(See 10 CFR 170 and Section 170.31)</i></p> | <p>11. WASTE MANAGEMENT.</p> |

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| | | |
|--|-----------|------|
| CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE | SIGNATURE | DATE |
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FOR NRC USE ONLY

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|-------------|---------|--------------|-----------------|--------------|----------|
| | | | \$ | | |
| APPROVED BY | | | | DATE | |

ITEM #5 – RADIOACTIVE MATERIAL

| A. Element and mass number | B. Chemical and/or physical form | Manufacturer and Model number (if sealed source) | C. Maximum number of millicuries and or sealed sources and maximum activity per source which will be possessed at any one time. |
|----------------------------|---|---|---|
| 1. Radionuclei: | 1. Form | 1. Manufacturer & model No.: | 1. Maximum Amount: |
| a. Cesium 137 | a. Sealed source Campbell-Pacific Model CPN-131 | a. CPN Corporation MC-2 Moisture/ Density Gauge | a. No single source source to exceed 10 mci. |
| b. Americium | b. Sealed source Campbell-Pacific Model CPN-131 | b. CPN Corporation MC-2 Moisture Density Gauge | b. No single source to exceed 50 mci. |

ITEM #6 – PURPOSE(S) FOR WHICH RADIOACTIVE MATERIAL WILL BE USED

1. a & b To be used in Campbell Pacific Nuclear Model MC-2 surface moisture/density gauge for measurement of construction materials.

ITEM #7 – INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE

Thomas J. Mathis, Radiation Safety Officer and Chief Technician at Mathis and Associates is responsible for the radiation safety program.

Mr. Mathis completed the basic training course on Radiation Safety and Use of Nuclear Soil Gauges the 12th day of May, 1990, in St. Charles, Missouri. The training course instructor was Colin Fletcher and consisted of Instruction in Radiological Safety, Theory, Maintenance and Operation of Campbell Pacific Nuclear MC Series Soil Gauges. His acknowledgement was signed by William Mancuso, Radiation Safety Officer of CPN Company.

ITEM #8 – TRAINING FOR INDIVIDUALS WORK IN OR FREQUENTING RESTRICTED AREAS

All persons working with radioactive materials will have completed an authorized training class concerning possible hazards, safety precautions, emergency procedures and regulations prior to being permitted to use the device. The authorized training class shall be by an a instructor with an 80-hour course in radiation safety principles and have experience with the use of such a device. Records documenting the training of each employee will be maintained for 10 years.

ITEM #9 – FACILITIES AND EQUIPMENT

All equipment and materials will be stored in a locked-door area accessible to authorized personnel only. Personnel will be made aware of facilities and equipment regulations. When the device is not in storage, it will be physically watched by an authorized user at all times.

ITEM #10 – RADIATION SAFETY PROGRAM

A. Radiation Safety Officer – Duties and Responsibilities:

1. To ensure that all terms and conditions of the license are being complied with and that the information contained in the license is current and accurate.
2. To ensure that the equipment has been leak tested at the required intervals and the leak test is performed the manner prescribed by CPN Corporation.
3. To ensure that the gauge is only used by individuals authorized by the RSO and that they use the gauge in accordance with all relevant regulations. This will include wearing a suitable radiation film badge.
4. To maintain the records as required by the license and regulations. These records shall include personnel exposure records, leak test records and training certificates for all users.
5. To ensure that the equipment is properly secured against unauthorized removal at all times.
6. To serve as a point of contact and give assistance in case of emergency (such as equipment damaged in the field or theft) and to notify the proper authorities in case of emergency.
7. To ensure that all users understand and have read the radiation safety operation and emergency procedures.
8. To arrange appropriate training for new users as required.
9. To post all required signs and notices in prominent locations.

NOTE: The Radiation Safety Officer reports to the Co-Owner who is the supervisor, directly or indirectly, for all individuals who will be using this equipment.

B. Operating Procedures

1. Limitations and conditions to be met in handling liquid or uncontained radioactive materials are not applicable.
2. Contamination control procedures including restrictions against smoking and consumption of food and beverages or the storage of same around radioactive materials are not applicable.

due to the sealed sources involved. Leak tests will be conducted annually to check for contamination. Exposure will be minimized by the following:

- a. The operator will exercise suitable control over the gauge at all times.
 - b. Under no circumstances will the gauge be left unattended or under the supervision of an unauthorized person.
 - c. When not being used for field measurements, the gauge shall have its source mechanism locked and will be locked in its transportation case. The gauge will also be returned to the vehicle.
 - d. When testing is completed, the gauge will be returned to its permanent place of storage as soon as practical. Gauges will be securely locked in storage areas when not in use. Keys will be restricted to authorized users only.
 - e. When using the gauge, operators will wear the personal monitoring device that has been assigned to them. When the operator is not using the gauge, the monitoring device will be kept in a radiation free area and protect from heat and sunlight.
 - f. At all times operators will observe the principle of "A.L.A.R.A." as required by the N.R.C. By following the ALARA principle, operators will receive a radiation dose that is: As Low As Reasonable Achievable.
3. Stationary gauge procedures are not applicable.
4. The service company is the manufacturer:
Instrotek/CPN
4495 44th Street SE
Grand Rapids, MI 49512

CPN will perform leak tests and repairs, training new operators, and advise us in emergency situations.

C. Maintenance and Leak Test Procedures:

1. Periodic maintenance will include cleaning of the gauge. The operator has received proper instruction on how to do this, will wear his film badge and observe ALARA while cleaning.
2. No maintenance will be performed in which the radioactive source needs to be removed from the gauge. For this type of maintenance and for all repairs, the gauge will be returned to the manufacturer.
3. The leak test will be performed annually using an approved leak test kit (CPN NO. TD11B) and in accordance with the manufacturer's instructions on page numbers 20 and 21. The operator will wear his film badge while leak testing.

4. The shipping case will be checked periodically to ensure that all required labels are present.
5. A utilization log will be maintained for the gauge which will be stored at the main office. Other licenses will be applied for as the need arises.
6. Since only one gauge is involved, the RSO will know at all times the exact location of the gauge. The utilization log should be sufficient to monitor the use and location of the equipment without the need of a quarterly inventory.

D. Emergency Procedures:

In the event of emergency or accident situations involving the gauge, the following will be performed:

1. **RESTRICT ACCESS:** Persons in the immediate area will be asked to leave. Barricades will be erected around the gauge at a distance of fifteen (15) FEET. Access to this restricted area will be limited to those people with training and experience in these situations.
2. **MAINTAIN SURVEILLANCE:** The restricted area will be kept under constant, direct observation.

A visual inspection of the gauge will be made from a safe distance to determine if the source housing and/or shielding has been damaged. Note important warning below.

3. **NOTIFICATION:** The company Radiation Safety Officer, Thomas J. Mathis, will be notified at the earliest possible time (after the previous items have been done). If the gauge is lost or stolen, the RSO will be immediately notified. Call the RSO at (573)785-4202. He will contact the appropriate authorities below. (If the RSO is unavailable, the gauge operator will contact the authorities.):

| | |
|-----------------------|----------------------------|
| N.R.C. Region III | 800-522-3025; 630-829-9500 |
| Missouri State Police | 573-840-9500 |
| Instrotek/CPN: | |
| Central Region Office | 616-726-5850 |

For any transportation accidents involving radioactive material, both the U.S. Nuclear Regulatory Commission and the Missouri State Police must be notified.

4. **RECOVERY OPERATIONS:** Decontamination and recovery operations will only be attempted by properly trained individuals under the direct supervision of the RSO or manufacturer and using proper tools.

IMPORTANT: DO NOT HANDLE UNATTACHED OR UNSHIELDED SOURCES OR RADIOACTIVE MATERIAL!

E. Transportation Procedures:

1. All possible means shall be provided to ensure that the equipment is fully secured in the transporting vehicle and the equipment is away from the passenger compartment. When transporting in an enclosed vehicle (car or van), the vehicle will be locked. When transporting in an open-bed vehicle, the gauge will be securely fastened and locked to the truck bed. While the vehicle is unattended, the gauge and its shipping case will be hidden from view.
2. The gauge will be transported in the CPN transportation case. The U.S. Department of Transportation requires the gauge be transported in a properly labeled carrying case.
3. At all times while the gauge is being transported, the operator will carry the required shipping papers including a copy of the emergency plan:
 - a. Authorization Letter from RSO
 - b. Copy of License
 - c. Copy of Leak Test
 - d. Copy of Emergency Plan
4. Appropriate regulations of the U.S. Department of Transportation should be followed when radioactive material is transported between locations.
5. The dashboard of any vehicle carrying radioactive material should be posted with a notice containing the words "Caution (or Danger) Radioactive Material" and describing the exact location within the vehicle of the radioactive material, the isotope and quantity being carried, the name(s) and Phone number(s) to contact in the event of an emergency.
6. The radiation labels or placards described in the previous paragraph will be removed from the vehicle when not actually transporting the gauge to avoid confusion should an accident occur to the vehicle.

F. Procedures for Receipt of Packages Containing Radioactive Material:

1. The following procedures will be followed for all incoming packages containing radioactive material:
 - a. Visually inspect package for any sign of damage. If damage is noted, contact the service company.
 - b. Conduct a leak test on damaged package if recommended by the service company.
2. Only equipment which conforms to the maximum amounts of the license be ordered. No liquid form of radioactive material is involved.
3. Procedures for receipt of radioactive material after normal working hours are not necessary. Receipt will only occur when the unit is received from the factory after repair or upon

purchase of new equipment none of which is planned to be purchased in the foreseeable future.

4. The material will be shipped in a locked shipping case which is expressly manufactured for such use by a carrier who is licensed and equipped. Delivery will be to the main office where the RSO will oversee transport to one of the storage areas or to an authorized operator.

G. Radiation Survey Program and Personnel Monitoring:

1. Our understanding is that detection instruments and a survey program are not necessary for the sealed low-level sources involved in the application. The source listed under Item 5.1.b., Americium 241-BE emits neutron radiation for moisture determination. Neutron dose rate evaluations are proposed by personnel monitoring equipment, as opposed to survey meters.
2. Whole body and extremity monitors will be:
This requirement was removed in an amendment to the license. NRC Form 532A (RIII) 2005(10-2004) for License No. 24-26087-01 and with a mail control number of 314116 in response to a letter to the NRC dated 1/17/2005 notes that no badges are necessary.
3. Pocket dosimeters and bioassay are not proposed.

ITEM #11 – WASTE MANAGEMENT

Sealed sources will be returned to manufacturer for disposal or will be transferred to another licensed user.

CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

INSTRUCTIONS

Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

FILE CERTIFICATES 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 CERTIFICATES TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

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 CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION
U. S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511



**CERTIFICATE OF DISPOSITION
OF MATERIALS**

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. 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 Infocollect.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NECB-10202, (3150-0028), 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.

| | | |
|---------------------------|-------------------------|---------------|
| LICENSEE NAME AND ADDRESS | LICENSE NUMBER | DOCKET NUMBER |
| | LICENSE EXPIRATION DATE | |

A. LICENSE STATUS (Check the appropriate box)

- This license has expired. This license has not yet expired; please terminate it.

B. DISPOSAL OF RADIOACTIVE MATERIAL

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
 - a. Transfer of radioactive materials to the licensee listed below:

 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:

 - 2. By licensed disposal site:

 - 3. By waste contractor:
 - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

C. SURVEYS PERFORMED AND REPORTED

- 1. A radiation survey was conducted by the licensee. The survey confirms:
 - a. the absence of licensed radioactive materials
 - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
 - a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: _____ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
 - a. The results of the latest leak test are attached; and/or
 - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

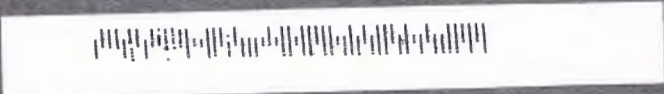
| | | | |
|------|-------|-------------------------------|----------------|
| NAME | TITLE | TELEPHONE (Include Area Code) | E-MAIL ADDRESS |
|------|-------|-------------------------------|----------------|

Mail all future correspondence regarding this license to:

C. CERTIFYING OFFICIAL
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

| | | |
|------------------------|-----------|------|
| PRINTED NAME AND TITLE | SIGNATURE | DATE |
|------------------------|-----------|------|

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 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.



ST LOUIS MO P3DC 631
THU 19 JUN 2014 PM



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 U.S. Nuclear Regulatory Commission
 2443 Warrenville Road, Suite 210
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