



University of Connecticut Health Center

Office of Research Safety

July 23, 2013

Br. 1

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

RE: USNRC License #06-13022-02

03001295

REC RG 1 08 06 13 AM 07:13

Gentlemen,

The University of Connecticut Health Center requests a license amendment to add a radionuclide to our license. Specifically we request adding Ra-223 to our license.

Enclosed is Item 5 – Radioactive Material and Item 6 – Purpose for Which Licensed Material Will Be Used.

Please contact Kenneth Price, The University of Connecticut Health Center's Radiation Safety Officer, at (860) 679-2250 if you require further information.

Respectfully,

Leonard P. Paplauskas
Associate V.P. for Research, Emeritus

Attachment

Copy to: J. Fomenko
K. Price
R. Ryan
J. Small

An Equal Opportunity Employer

263 Farmington Avenue
Farmington, Connecticut 06030-3930

Telephone: (860) 679-2723
Facsimile: (860) 679-3826

581509
NMSS/RGN1 MATERIALS-002

**University of Connecticut Health Center
Application Amendment – License # 06-13022-02**

Item 5

Radioactive Material

| a) Byproduct, source and/or special nuclear material | b) Chemical and/or physical form manufacturer/model# | c) Maximum amount that licensee may possess at any one time under this license |
|---|---|---|
| Radium- 223 | Any | 100 mCi |

**University of Connecticut Health Center
Application Amendment – License # 06-13022-02**

Item 6

Purposes for Which Licensed Material Will be Used

Medical diagnosis, therapy and research in humans. Research and development as defined in 10 CFR 30.4, including animal studies; instrument calibration; student instruction; and in-vitro studies.



**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.

| | |
|---|---|
| <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>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>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>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> |

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.

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| <p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>06-13022-02</u></p> <p><input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____</p> | <p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</p> <p>Radiation Safety Office. MC 3930 University of Connecticut Health Center 263 Farmington Ave. Farmington, CT 06030</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> <p>Kenneth W. Price</p> <table border="1"> <tr> <td>BUSINESS TELEPHONE NUMBER</td> <td>BUSINESS CELLULAR TELEPHONE NUMBER</td> </tr> <tr> <td>(860) 679-2250</td> <td></td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS</td> </tr> </table> | BUSINESS TELEPHONE NUMBER | BUSINESS CELLULAR TELEPHONE NUMBER | (860) 679-2250 | | BUSINESS EMAIL ADDRESS | |
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| (860) 679-2250 | | | | | | | |
| BUSINESS EMAIL ADDRESS | | | | | | | |

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.

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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>11. WASTE MANAGEMENT.</p> | <p>12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)</p> <table border="1"> <tr> <td>FEE CATEGORY</td> <td>AMOUNT ENCLOSED \$</td> </tr> <tr> <td>7B</td> <td>0.00</td> </tr> </table> | FEE CATEGORY | AMOUNT ENCLOSED \$ | 7B | 0.00 |
| FEE CATEGORY | AMOUNT ENCLOSED \$ | | | | |
| 7B | 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.

| | | |
|---|------------------|------------------------------|
| <p>CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE</p> <p>Leonard P. Paplauskas, Assoc. VP for Research Emeritus</p> | <p>SIGNATURE</p> | <p>DATE</p> <p>7/23/2013</p> |
|---|------------------|------------------------------|

FOR NRC USE ONLY

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

This is to acknowledge the receipt of your letter/application dated

7/23/13, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (06-13022-02)
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** 581509.
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