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| NRC FORM 313 (01-2020) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40 |  <p>U.S. NUCLEAR REGULATORY COMMISSION</p> <p>APPLICATION FOR MATERIALS LICENSE</p> | APPROVED BY OMB: NO. 3150-0120 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-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by 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. | EXPIRES: 01/31/2023 |
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INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1566 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/puregs/staff/sr1555/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
 DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
 OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
 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 III
 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

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 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.

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| 1. THIS IS AN APPLICATION FOR (Check appropriate item) <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>21-01190-05</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER | 2. NAME AND MAILING ADDRESS OF APPLICANT (include zip code) same |
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| 3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED Ascension Macomb Oakland Hospital Warren Campus 11800 E Twelve Mile Rd Warren, MI 48093 | 4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Laura T. Speer-Smith <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">BUSINESS TELEPHONE NUMBER 5868083058</td> <td style="width:50%;">BUSINESS CELLULAR TELEPHONE NUMBER 8568083058</td> </tr> <tr> <td colspan="2">BUSINESS E-MAIL ADDRESS lsphysics@att.net and laura.smith5@ascension.org</td> </tr> </table> | BUSINESS TELEPHONE NUMBER 5868083058 | BUSINESS CELLULAR TELEPHONE NUMBER 8568083058 | BUSINESS E-MAIL ADDRESS lsphysics@att.net and laura.smith5@ascension.org | |
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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.

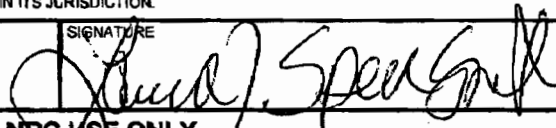
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| 5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time. | 6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. | | | | |
| 7. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS 10. RADIATION SAFETY PROGRAM. | 8. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE. 9. FACILITIES AND EQUIPMENT. 11. WASTE MANAGEMENT. | | | | |
| 12. LICENSE FEES (Fees required only for new applications, with few exceptions) (See 10 CFR 170 and Section 170.31) *Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee. | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">FEE CATEGORY</td> <td style="width:30%;"></td> <td style="width:20%;">AMOUNT ENCLOSED \$</td> <td style="width:20%; text-align: center;">0</td> </tr> </table> | FEE CATEGORY | | AMOUNT ENCLOSED \$ | 0 |
| FEE CATEGORY | | AMOUNT ENCLOSED \$ | 0 | | |

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>.

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, 1946 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.

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| CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE Laura T. Speer Smith | SIGNATURE  | DATE 4/23/2020 |
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| FOR NRC USE ONLY | | | | | |
|------------------|---------|--------------|-----------------|--------------|----------|
| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
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| APPROVED BY | | | | DATE | |



Ascension

April 22, 2020

US NRC
Materials Licensing Branch
2443 Warrenville Rd, Suite 210
Lisle, IL 60532-4352
ATTN: License Amendment # 21-01190-05

We wish to amend our license at St. John Macomb-Oakland Hospital Macomb Center #21-01190-05. – **I sent a previous fax earlier today with the same date, but this one supersedes that fax, please only use this one.** *Please Notify Ms. Colleen Casey of this amendment request.*

- Please delete Authorized Medical Physicist - Kyle Verdecchia, Ph.D., he has left our facility. Take your time with this if it delays my second request below.
- My second amendment request is a request to expedite, I specifically need this amendment completed by the date of May 11, 2020. The reason for this expedited request is there is a newer 1, 2 or 3 day dosing available for Sirtex, and our Sirtex Authorized User Dr. Jain – wants us to change our item 8K possession limits to now say 296mCi per vial, 3 Curies total. This amendment will allow us to use the more concentrated 3 day dose, for smaller tumors. We do not want a per vial limit. Just this specific Y-90 portion I would like expedited, as Dr. Jain is currently consulting with a patient and hopes to treat within the next 2-3weeks at the most for this 3day dose. We currently do not have the per vial possession limits to receive this 3day dose, and this is the best chance for this patient according to Dr. Jain.

Due to the expedited request for patient care, I will check in with Tammy Tomczak at her email Tammy.Tomczak@nrc.gov on Monday. Thank you for your expedited help and Stay Safe!

Sincerely,

Laura T. Speer Smith, MS, DABR

Medical Physicist

Radiation Safety Officer

Pager: 313 609-2038

lsphysics@att.net and laura.smith5@ascension.org