

NRC FORM 314
(06-23-2022)
10 CFR 30.39(i)(1);
40.42(i)(1); 70.38(i)(1);
and 72.54(k)(5)(1)(1)



U.S. NUCLEAR REGULATORY COMMISSION

CERTIFICATE OF DISPOSITION
OF MATERIALS

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 03/31/2023

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submission 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, Library, and Information Collections Branch (7-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to InfoCollects.Resource@nrc.gov, and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0028), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; e-mail: pira_submission@omb.eop.gov. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

Licensee Name and Address

R Vemuri, MD
13225 Northline St
Southgate, MI 48196

License Number

21-32811-01

Expiration Date

4/30/2036

Docket Number

This license has expired.

This license has not yet expired; please terminate it.

A. LICENSE STATUS (Check the appropriate box)

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.
- 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:

Radiological Physics Service

#21-26253-01

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 the NRC on: Date 8/5/2022

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
Laura T. Speer Smith	Physicist	5868083058	lsphysics@att.net

Mail all future correspondence regarding this license to:
R Vemuri, 13225 Northline St, Southgate, MI 48196

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

Printed Name and Title	Signature	Date
Laura T. Speer Smith	<i>Laura T Speer Smith</i>	8/12/2022

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.

RECEIVED AUG 15 2022

NRC FORM 313
(06-30-2022)
18 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 01/31/2023

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, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to infocollections.Resource@nrc.gov, and the OMB Reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0120), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; e-mail: oir_submission@omb.eop.gov. The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY AND TRIBAL LIAISON BRANCH
DIVISION OF MATERIALS SAFETY, SECURITY, STATE AND TRIBAL 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 RADIOLOGICAL SAFETY AND SECURITY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415
RDSSMail.Resource@nrc.gov

*Note: The preferred method to submit NRC Form 313 is e-mail. Any other document (e.g., financial assurance documents) should be sent via mail.

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
R3DNMSMAIL.Resource@nrc.gov

*Note: The preferred method to submit NRC Form 313 is e-mail. Any other documents (e.g., financial assurance documents) should be sent via mail.

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:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511
rlflicensingactions@nrc.gov

*Note: The preferred method to submit NRC Form 313 is e-mail. Any other document (e.g., financial assurance documents) should be sent via mail.

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 21-32811-01
- C. RENEWAL OF LICENSE NUMBER

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

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

R Vemuri, MD
132215 Northline St
Southgate, MI 48195

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Laura T. Speer Smith

BUSINESS TELEPHONE NUMBER
5868083058

BUSINESS CELLULAR TELEPHONE NUMBER
same

BUSINESS E-MAIL ADDRESS
lsphysics@att.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.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

10. RADIATION SAFETY PROGRAM.

9. FACILITIES AND EQUIPMENT.

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.

FEE CATEGORY	AMOUNT ENCLOSED \$	0
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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, 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

SIGNATURE

DATE

Laura T. Speer Smith

Laura T. Speer Smith

8/12/22

FOR NRC USE ONLY

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

2022-07-02 00:16 VEMURI

123 >>

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R.R. VEMURI, M.D.
CARDIOLOGY13225 NORTHLINE STREET
SOUTHGATE, MI 48195PHONE: (734) 284-4555
FAX (734) 284-6174

August 6, 2022

United States Nuclear Regulatory Commission
Region III, Materials Licensing Section
2443 Warrenville Road, Lisle, IL 60532
Amendment to Materials License No. 21-32811-01

Dear Madam or Sir:

We wish to provide the following information in an effort to close-out the address of use under our Materials License.

- A close-out survey and wipe test was performed on 8/5/2022 and the data is enclosed for your review
- A map of the areas noted above keyed to the survey and wipe test data.
- The last date of receipt and use of byproduct material was 7/29/2022.
- The only nuclide used at this facility was Tc-99m.
- All residual byproduct material was fully decayed in storage or returned to the supplier.
- All sealed sources were transferred to an authorized user.
- A current copy of the sealed source leak test results is enclosed.

There was never any PET imaging or sources at this facility.

There were never any leaking sources at this facility.

Sincerely,



Ramachandra Vemuri, M.D.
13225 Northline St.
Southgate, MI 48195



Versant Medical Physics and Radiation Safety

3839 Napier Road
 Plymouth, MI 48170
 (734) 455-4730 Fax: (734) 453-8851

August 5, 2022

U. S. NUCLEAR REGULATORY COMMISSION
 Region III Materials Licensing Branch
 2443 Warrenville Road, Ste 210
 Lisle, IL 60532-4352

RE: Decommission and termination of license #21-32811-01

We request approval of a decommission and removal from license the facility and facility at 13225 Northline Street, Southgate, MI 48195. The licensee #21-32811-01 Dr. Ramachandra Vemuri has decommissioned and wishes to terminate their license permanently. The decommission paperwork is attached.

The entire imaging and radioactive area was decommissioned on August 5, 2022 by Brian Philip, physicist, and all activities within the decommissioned hot lab have ceased since the date of August 2022. No PET F-18 imaging ever occurred at this facility.

All sealed sources were removed and relocated Radiological Physics Service # for storage. All surveys and wipes tests prove to be below background measurements. #2126253-01

1. A comprehensive survey of the entire camera room, hot lab work area, patient stress room area, patient reception area, patient injection, and hallways was performed using a GM end window survey meters. A battery, background, check-source, survey method was used, at the most sensitive setting. All survey results proved to be below background measurements. See results below and locations are corresponding to the map.
2. Wipe tests were counted in a Well probe for 1 minute each.

Background = 0 dpm
 Efficiency = 72%
 Window = 0 - 600keV

Area/Location	well	Survey Meter ludlum14C EWGM
Background	97 cpm	0.03mR/hour
1. Hot Lab counter	0 net cpm/dpm	0.03mR/hour
2. Hot Lab floor	0 net cpm/dpm	0.03mR/hour
3. Imaging room	0 net cpm/dpm	0.03mR/hour
4. Camera area	0 net cpm/dpm	0.03mR/hour
5. Injection area	0 net cpm/dpm	0.03mR/hour
6. Stress room treadmill	0 net cpm/dpm	0.03mR/hour
7. Stress room floor	0 net cpm/dpm	0.03mR/hour
8. Stress room counter	0 net cpm/dpm	0.03mR/hour
9. Safe area in+outside	0 net cpm/dpm	0.03mR/hour (radiation never used in this area)
10. Hallway	0 net cpm/dpm	0.03mR/hour (radiation never used in this area)

All wipes were below our 2000 DPM limit; in fact they were all below background, which left 0dpm results. All wipe areas were also surveyed with a GM survey meter and all areas recorded less than 0.03 mR/hr. The higher of the two meter values was used.

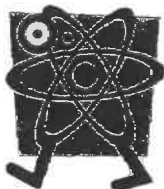
PHYSICISTS:

MICHIGAN
 Ray A. Carlson, M.S.
 Cell: (734) 395-7361
 rcarlson@att.net

Laura T. Smith, M.S.
 Cell: (586) 808-3058
 Pager: (313) 609-2038
 LSphysics@att.net

Brian Philip, M.S.
 Cell: (972) 345-6253
 brian.philip@versantphysics.com

GEORGIA
 Diane Griffiths, M.S.
 Cell: (770) 355-7709
 dianegriffiths@comcast.net



3. All RAM labeling on the interior & exterior windows walls was demarcated and removed.
4. All leak testing was background, no sealed sources were found leaking. All sealed sources were counted and confirmed and inventoried. All sealed sources were then transferred by Brian Philip, MS, the site physicist to the new location at 3839 Napier Rd, Plymouth, MI. At the RPS location the sealed sources were again counted, confirmed, inventoried and then leak tested, again all were accounted for and no sealed sources were leaking. Inventories and leaks tests for before and after move are attached.
5. All radio pharmacy transport cases were returned to the radiopharmacy.

If there are any further questions please contact our physicist, Laura T. Smith, MS, DABR at (586) 808-3058.

Sincerely,



Laura T. Speer Smith, MS, DABR
Consulting Physicist