

Yale *Environmental Health & Safety*

135 College Street, Suite 100
New Haven, Connecticut 06510-2411

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REC'D 1021616 AM 0719

January 20, 2016

Licensing Assistance Team
Division of Nuclear Materials Safety
USNRC Region 1
2100 Renaissance Blvd, Suite 100
King of Prussia, PA 19406-2713

Br. 1
03038332

Subject: Amendment to Update Authorized Users - Yale University License # 06-00183-07

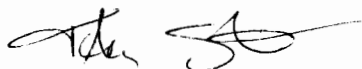
Dear Licensing Assistance Team,

Please accept this letter and attachments as a request to add Dr. Anton Shapoval, Dr. Michal Kulon, and Dr. Annemarie Boustani as Authorized Users under 10 CFR 35.100 and 10 CFR 35.200 to Yale University License # 06-00183-07. These physicians have already been identified as Authorized Users for these same uses on Yale New Haven Hospital's Medical Use license # 06-00819-03, as documented in the attached letters.

As part of this amendment request, please also remove Dr. Indukala Doddamane as an Authorized User on this same Yale University License # 06-00183-07.

If you have any questions regarding this matter or need any further information, please feel free to contact me at (203) 737-2140. Thank you for your assistance.

Sincerely,



Tammy Stemen, CHP
Radiation Safety Officer
Yale University
tammy.stemen@yale.edu

590275
NMSS/RGN1 MATERIALS-002

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

(01-2016)
10 CFR 30, 32, 33, 34
35, 36, 37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 01/31/2016

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 Infocollections.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.

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 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 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.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

☐

A. NEW LICENSE

☒

B. AMENDMENT TO LICENSE NUMBER

06-00183-07

☐

C. RENEWAL OF LICENSE NUMBER

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

Yale University
Environmental Health and Safety
135 College St. First Floor Suite 100
New Haven, CT 06510

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Yale University
PET Research Center
801 Howard Avenue
New Haven, CT 06510

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Tammy Stemen

BUSINESS TELEPHONE NUMBER

(203) 737-2140

BUSINESS CELLULAR TELEPHONE NUMBER

(203) 410-5754

BUSINESS EMAIL ADDRESS

tammy.stemen@yale.edu

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

EX

AMOUNT
ENCLOSED \$

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, 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

Ben Polak, Provost

SIGNATURE

Ben Polak

DATE

2/21/16

FOR NRC USE ONLY

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



**YALE-NEW HAVEN HOSPITAL
RADIATION SAFETY OFFICE**

Radiation Safety Committee

Memorandum

TO: Annemarie Boustani, M.D.

FROM: Michael J. Bohan, Radiation Safety Officer

DATE: July 29, 2015

SUBJECT: Approval as an Authorized User

It is my pleasure to inform you that at the last meeting of the Yale-New Haven Hospital Radiation Safety Committee, on July 29, 2015, your credentials were presented and approved for the following areas of byproduct material use:

- 10 CFR Part 35.100 (uptake, dilution and excretion)
- 10 CFR 35.200 (imaging and localization) and
- 10 CFR 35.300 (radiopharmaceutical therapy).

The Committee has determined that you meet the training and experience requirements specified in sections (c)(1) & (c)(2) (preceptor statement) of 10 CFR Part 35.190 (uptake, dilution and excretion), 10 CFR Part 35.290 (imaging and localization) and 10 CFR 35.390 (radiopharmaceutical therapy).

Therefore, you are hereby approved as an Authorized User under the NRC Broad Scope License No.: 06-00819-03, to use byproduct material radioisotope sources for the previously described uses.

Please call us at (203) 688-2950, if you have any questions.

Michael J. Bohan

YNHH Radiation Safety Officer



**YALE-NEW HAVEN HOSPITAL
RADIATION SAFETY OFFICE**

Radiation Safety Committee

Memorandum

TO: Anton Shapoval, M.D.

FROM: Michael J. Bohan, Radiation Safety Officer

DATE: July 29, 2015

SUBJECT: Approval as an Authorized User

It is my pleasure to inform you that at the last meeting of the Yale-New Haven Hospital Radiation Safety Committee, on July 29, 2015, your credentials were presented and approved for the following areas of byproduct material use:

- 10 CFR Part 35.100 (uptake, dilution and excretion)
- 10 CFR 35.200 (imaging and localization) and
- 10 CFR 35.300 (radiopharmaceutical therapy).

The Committee has determined that you meet the training and experience requirements specified in sections (a) (ABNM Certification) and (c)(1) & (c)(2) (preceptor statements) for 10 CFR Part 35.190 (uptake, dilution and excretion), 10 CFR Part 35.290 (imaging and localization) and 10 CFR 35.390 (radiopharmaceutical therapy).

Therefore, you are hereby approved as an Authorized User under the NRC Broad Scope License No.: 06-00819-03, to use byproduct material radioisotope sources for the previously described uses.
Please call us at (203) 688-2950, if you have any questions.

Michael J. Bohan

YNHH Radiation Safety Officer



**YALE-NEW HAVEN HOSPITAL
RADIATION SAFETY OFFICE**

Radiation Safety Committee

Memorandum

TO: Michal Kulon, M.D.

FROM: Michael J. Bohan, Radiation Safety Officer

DATE: October 14, 2015

SUBJECT: Approval as an Authorized User

It is my pleasure to inform you that at the last meeting of the Yale-New Haven Hospital Radiation Safety Committee, on October 14, 2015, your credentials were presented and approved for the following areas of byproduct material use:

- 10 CFR Part 35.100 (uptake, dilution and excretion)
- 10 CFR 35.200 (imaging and localization) and
- 10 CFR 35.300 (radiopharmaceutical therapy).

The Committee has determined that you meet the training and experience requirements specified in sections (a) (ABNM Certification) and (c)(1) & (c)(2) (preceptor statements) for 10 CFR Part 35.190 (uptake, dilution and excretion), 10 CFR Part 35.290 (imaging and localization) and 10 CFR 35.390 (radiopharmaceutical therapy).

Therefore, you are hereby approved as an Authorized User under the NRC Broad Scope License No.: 06-00819-03, to use byproduct material radioisotope sources for the previously described uses.
Please call us at (203) 688-2950, if you have any questions.

Michael J. Bohan

YNHH Radiation Safety Officer

This is to acknowledge the receipt of your letter application dated

1-20-16, and to inform you that the initial processing which includes an administrative review has been performed.

Amend: 06-00183-07
☒ 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 590275.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

Sincerely,
Licensing Assistance Team Leader