



DEPARTMENT OF THE ARMY
US ARMY MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES
1425 PORTER STREET
FORT DETRICK, MARYLAND 21702-5011

July 17, 2013

Office of the Commander

Licensing Assistance Team
Division of Nuclear Materials Safety
US Nuclear Regulatory Commission, Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, Pennsylvania 19406-1415

Br. J

Dear Sir/Ma'am:

Attached is an amendment request for United States Army Medical Research Institute of Infectious Diseases (USAMRIID) license number 19-11831-03. *030-31743*

For additional information, please contact Ms. Josephine S. Esteban-Trexler, Radiation Safety Officer, at 301-619-4626, fax 301-619-4768, or e-mail Josephine.S.Esteban-Trexler.civ@mail.mil.

Sincerely,

B DeKoning

Bernard L. DeKoning
Colonel, US Army
Commanding

Enclosure

Rec'd in LAT 7/30/2013

581476

NMSS/RGNI MATERIALS-002

Amendment request for USAMRIID license number 19-11831-03:

1. Change Radiation Safety Officer name from Josephine S. Esteban to Josephine S. Esteban-Trexler
2. Add building 8100 to use or store license materials.
3. Add the following byproduct or sources and activity:
 - a. Gadolinium (Gd) 153 – Sealed Sources (Eckert & Ziegler), 1 Curie (Ci) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.
 - b. Cobalt (Co) 57 – Sealed Sources (Eckert & Ziegler), 100 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.
 - c. Sodium (Na) 22 – Sealed Sources (Eckert & Ziegler), 10 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.
 - d. Germanium (Ge) 68 – Sealed Sources (Siemens), 10 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.
 - e. Gallium (Ga) 68 – Sealed Sources (Siemens), 10 millicuries (mCi) total and no single source to exceed the maximum activity specified in the Certificate of Registration issued by the Nuclear Regulatory Commission or an Agreement State.
 - f. Zirconium (Zr) 89 – Any chemical or physical form, 10 Curies (Ci)
 - g. Indium (In) 111 – Any chemical or physical form, 10 Curies (Ci)



**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.

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 76011-4511

REC'D 1730 13MOT

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 19-11831-03
- C. RENEWAL OF LICENSE NUMBER _____

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

United States Army Medical Research Institute of Infectious Diseases (USAMRIID)
1425 Porter Street
Fort Detrick, MD 21702-5011

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

USAMRIID
Building 1425 Porter Street
Fort Detrick, MD 21702-5011

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Josephine S. Esteban-Trexler

BUSINESS TELEPHONE NUMBER
(301) 619-4626

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS EMAIL ADDRESS

Josephine.S.Esteban-Trexler.civ@mail.mil

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, 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

Bernard L. DeKoning, COL, MC, Commanding

SIGNATURE

B. DeKoning

DATE

22 July 2015

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS

APPROVED BY

DATE

581476

This is to acknowledge the receipt of your letter application dated

07/17/2013, and to inform you that the initial processing which includes an administrative review has been performed.

19-11831-03 (amendment)

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** 581476
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