



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
NATIONAL HEALTH AND ENVIRONMENTAL EFFECTS
RESEARCH LABORATORY
ATLANTIC ECOLOGY DIVISION
27 TARZWELL DRIVE • NARRAGANSETT, RI 02882

OFFICE OF
RESEARCH AND DEVELOPMENT

November 16, 2015

REC'D 11/18/15 AM 11:15

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

Br. 3
03006356

Re: Renewal of License # 38-11957-01

In response to the NRC notice dated November 1, 2015, we request extension of our NRC material license #38-11957-01, expiration date December 17th, 2015. Please see Attachment A for specific responses to NRC Form 313, items 5 through 11.

Our current radiation safety program is in compliance with NRC regulations contained in 10CFR Parts 19 and 20.

Delays have been experienced resulting in the need for the license extension. AED has conducted a partial MARRSIM survey of approximately 50 % of the areas of concern, in accordance with NUREG 1757. AED has scheduled a contractor to complete the MARRSIM study in December, 2015 and plans to submit the decommissioning package after completion of this task.

As soon as possible, we will follow up with a decommission package for our facility and terminate our license.

Sincerely,

Wayne R. Munns, Jr.
AED Director

cc: Kathy Modes, Senior Health Physics, NRC
cc: Robert Burgess, Radiation Safety Officer, AED

Enclosures: NRC Form 313
Attachment A, addressing items #5 to 11 on NRC Form 313

589413
NMSS/RGN1 MATERIALS-002

Item #5: Radioactive Material.

Byproduct, source and/or special nuclear material	Chemical and/or physical form	Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material with atomic numbers 1 through 83	Any	1 millicurie per radionuclide and 1 millicurie total
B. Hydrogen 3	Any	50 millicuries
C. Carbon 14	Any	50 millicuries
D. Sulfur 35	Any	50 millicuries
E. Nickel 63	Sealed Sources (QSA Model No. NBCD or Isotope Products Laboratory Model No. NER-004A	18 millicuries per source and 180 millicuries total

Item #6: Purpose for Which Licensed Material Will Be Used.

- 1) A., B., C., and D. (from **Item #5**, above) will be used in laboratory studies.
- 2) E. (from **Item #5**, above) will be used in gas chromatographs for sample analysis. Please note that we do not currently possess any Ni-63 sealed sources listed on our current license of limited scope. As such, all of the Ni-63 sealed sources currently located at our facility are issued under a general license pursuant to the regulations contained in 10 CFR Part 31.5. AED has notified the State of Rhode Island's registration program in accordance with the general license.

Item #7: Individuals Responsible for Radiation Safety Program and Their Training and Experience.

Incumbent RSO is still in place.

All incumbent authorized users are still in place.

Item #8: Training for Individuals Working In or Frequenting Restricted Areas.

We are not requesting new authorized users to be added to the license.

Item #9: Facilities and Equipment.

Storage of radioactive materials:

All licensed materials (excluding sealed sources) are stored within locked room number 3 within our Hazardous Materials Building. The room is dedicated to radioactive material storage and is under 24 hour a day video monitoring. With the exception of sealed sources, no material is stored within laboratory space.

Item #10: Radiation Safety Program.

No changes to Radiation Safety Program. In addition, this facility has not had any uses of radioactive materials since November 2010. AED is undergoing a staged decommissioning of the facility leading to license termination in the near future. As such, there has been no future receipt and/or use of open compound radioactive material under this license.

Item #11: Waste Management.

Procedures locally adopted are modeled on the waste procedures published in Appendix T to NUREG-1556, Vol. 7, Program Specific Guidance about Academic, Research and Development, and Other Licenses of Limited Scope, dated December 1999. At this time all known contaminated waste has been removed from the facility.

NRC FORM 313
(10-2015)
10 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: 12/31/2015

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

☒

C. RENEWAL OF LICENSE NUMBER

38-11957-01

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

U.S.E.P.A., Atlantic Ecology Division
27 Tarzwell Rd
Narragansett, RI 02882

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

27 Tarzwell Rd
Narragansett, RI 02882

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Gino K. Begluzzi

BUSINESS TELEPHONE NUMBER

(401) 782-3008

BUSINESS CELLULAR TELEPHONE NUMBER

(401) 649-0307

BUSINESS EMAIL ADDRESS

begluzzi.gino@epa.gov

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, 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

Wayne Munns, AED Director

SIGNATURE

DATE

11/16/15

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

11-16-15, and to inform you that the initial processing which includes an administrative review has been performed.

☒ *Renewal: 38-11957-01*
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** 589413.
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