



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
US ARMY ABERDEEN TEST CENTER
400 COLLERAN ROAD
ABERDEEN PROVING GROUND, MARYLAND 21005-5059

APR 09 2007

NMSB 2

Office of the Commander

Ms. Elizabeth Ullrich
Nuclear Regulatory Commission, Region I
Division of Nuclear Materials Safety
475 Allendale Road
King of Prussia, PA 19406

19-00294-19
03004523

277 APR 23 PM 12:55

RECEIVED
REGION I

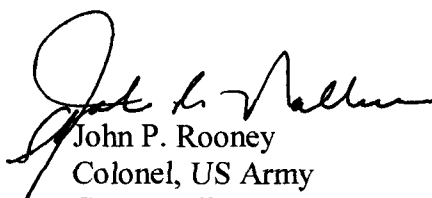
Dear Ms. Ullrich:

The US Army Aberdeen Test Center (ATC) requests an amendment to the enclosed license (enclosure 1) to receive a total of 0.3 microcuries of Am-241 in mixed gamma spectroscopy standard calibration sources. The following sources are to be ordered: Isotope Products Laboratories model EG-ML, water standard epoxy matrix, EG-ML, soil standard epoxy matrix, and GF-ML, disc source. This action will provide ATC with an enhanced calibration source for determining the presence of depleted uranium in environmental samples. A copy of the mixed gamma standard source specifications are in enclosure 2.

A copy of this letter has been sent to Commander, US Army Developmental Test Command, Attention: Ms. Tanya Oxenberg, 314 Longs Corner Road, Aberdeen Proving Ground, Maryland, 21005-5055.

The point of contact for this action is John C. Beckman, 410-278-9618 or DSN 298-9618.

Sincerely,


John P. Rooney
Colonel, US Army
Commanding

Enclosures

NRC FORM 313
(10-2005)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 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 Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@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.

APPLICATION FOR MATERIAL LICENSE

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
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, MISSISSIPPI, 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
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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, 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
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

03004523

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 19-00294-19
☐ C. RENEWAL OF LICENSE NUMBER _____

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

Commander
U. S. Army Aberdeen Test Center
400 Collieran Road
Aberdeen Proving Ground, MD 21005-5059

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

U. S. Army Aberdeen Test Center
Aberdeen Proving Ground, MD 21005-5059

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

John C. Beckman, ATC RSO

TELEPHONE NUMBER

(410) 278-9618

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 (See 10 CFR 170 and Section 170.31)

FEE CATEGORY Exempt 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, 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

John P. Rooney, Colonel, FA, Commanding

SIGNATURE

John P. Rooney

DATE

9 Apr 07

FOR NRC USE ONLY

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

APPROVED BY

DATE

Enc 1

CSSTE-DTC-AT-CS-S


1. Reference NRC Form 313, Application for Materials License
2. Item 5: Radioactive Material
 - a. Element and mass number: Americium 241
 - b. Chemical and physical form: Solid, evaporated salt in epoxy mixed gamma standard and plastic mixed gamma disc standard (Isotope Products Laboratories or equivalent)
 - c. Maximum amount that will be possessed at any one time: 0.09 microcuries per source and 0.3 microcuries total.

Delete Item 6. K. from referenced license. The Americium 241, 1 curie, neutron source was disposed of in September 2006 through the Department of Energy Orphan Source Recovery Project.

3. Item 6. Purpose for which licensed material will be used:
The mixed gamma standards requested in Item 5 will be used for gamma spectroscopy calibration for isotope identification of samples.
4. Item 7. Individuals responsible for radiation safety program and their training experience: No change at this time.
5. Item 8. Training for individuals working in or frequenting restricted areas: No changes.
6. Item 9: Facilities and equipment: No changes.
7. Item 10. Radiation Safety Program: No changes.
8. Item 11. Waste Management: No changes.
9. Item 12. License fees: Annual license fee, no cost for amendment, ATC is a federal facility.

Quote 40538

Quote Date 21-Aug-2006
Page 1 of 1



Isotope Products
Laboratories
An Eckert & Ziegler Company

24937 Avenue Tibbitts
Valencia, CA 91355

Attn: U.S. Army - Aberdeen Test Center
Kathy Burns
Phone#: 410-278-2206
Fax #: 410-278-7325
e-mail: david.leverton@ezag.com

IPL contact: Dave Leverton
Phone Number: (661) 309-1049
FAX Number: (661) 257-8303
e-mail Address: david.leverton@ezag.com

Quoted By:

Customer No	Slipsn	Payment terms	Customer Reference	PPD/COL	Ship Via	Freight	Lead Time	FOB	Unit price	Disc	Extended Price (USD)
USARMY08	57	Credit Card			FEDX 2 PRE&DD	\$ 55.00		Origin			

1	EA	EG-ML	Cd-109,Co-57,Co-60,Tc-123m, Cr-51,Sn-113,Sr-85,Cs-137,Y-88 +3% Am-241(0.09uCi), 3.1uCi total activity,in a 500ml Marinelli Beaker (533N),1.5g/cc epoxy density,NIST	\$1,125.00	Unique Line #: 1	\$1,125.00
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1	EA	EG-ML	Cd-109,Co-57,Co-60,Tc-123m, Cr-51,Sn-113,Sr-85,Cs-137,Y-88 +3% Am-241(0.09uCi), 3.1uCi total activity,in a 500ml Marinelli Beaker (533N),1.0g/cc epoxy matrix density,NIST	\$1,025.00	Unique Line #: 2	\$1,025.00
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1	EA	GF-ML	Cd-109,Co-57,Co-60,Tc-123m, Cr-51,Sn-113,Sr-85,Cs-137,Y-88 +3% Am-241(0.06uCi), 2uCi total activity,Type D disc, 25.4mmOD x 5mmAD ,NIST	\$975.00	Unique Line #: 3	\$975.00
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Quote Total \$3,125.00

This quote may not reflect miscellaneous charges, freight, or sales tax unless otherwise indicated above. This quote is valid for 90 days

Returns Policy: Due to the nature of our products, all sales are final and no items can be returned for credit unless the customer has demonstrated that the product does not meet specifications. Such a claim must be made within 30 days of receipt of order and the source returned to Isotope Products Laboratories, within 60 days after receipt of shipment.

Enc 1/2

This is to acknowledge the receipt of your letter/application dated

4/9/2007, and to inform you that the initial processing which includes an administrative review has been performed.

☒ ATLANT. 17-00294-19
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 1404-32.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.