



DEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
5300 MARTIN ROAD
REDSTONE ARSENAL AL 35898-5000

REPLY TO
ATTENTION OF

FEB 24 2010

Safety Office

br 2

Licensing Assistance Team
Division of Nuclear Material Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Dear Sir or Madam:

Enclosed are two copies of an application for a Nuclear Regulatory Commission License Amendment to NRC License 01-00126-21, Docket No. 030-36195, dated February 20, 2003. This requested amendment updates contact information, personnel identified on the original license application, and administrative accountability. Table A summarizes the amendment request elements and Enclosure 2 offers supporting information.

All other conditions of the original license remain as stated.

Questions concerning this action may be directed to Mr. Keith Rose, (256)-313-2114, e-mail keith.rose@us.army.mil.

Sincerely,

James R. Myles
Major General, US Army
Commanding

2 Enclosures

RECEIVED
REGION I

2010 MAR 18 PM 2:13

144518

10 CFR 30, 32, 33, 34, 35, 36, 39, and 40

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 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.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.

<p>APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:</p> <p>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</p> <p>ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:</p> <p>IF YOU ARE LOCATED IN:</p> <p>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:</p> <p>LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19406-1415</p>	<p>IF YOU ARE LOCATED IN:</p> <p>ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:</p> <p>MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352</p> <p>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:</p> <p>NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 612 E. LAMAR BOULEVARD, SUITE 400 ARLINGTON, TX 76011-4125</p> <p style="text-align: right; font-size: 1.2em;"><i>03036195</i></p>
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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.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>01-00126-21</u></p> <p><input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____</p>	<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</p> <p>U.S. Army Aviation and Missile Command ATTN: AMSAM-SFO-R Redstone Arsenal, AL 35898-5000</p>
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<p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>Department of Defense (DOD) sites worldwide to include DOD Contractors.</p>	<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Arthur Keith Rose, CHP</p> <p>TELEPHONE NUMBER</p> <p style="text-align: center; font-size: 1.2em;">2563132114</p>
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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.

<p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</p>	<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>			
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</p>	<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p>			
<p>9. FACILITIES AND EQUIPMENT.</p>	<p>10. RADIATION SAFETY PROGRAM.</p>			
<p>11. WASTE MANAGEMENT.</p>	<p>12. LICENSE FEES (See 10 CFR 170 and Section 170.31)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">FEE CATEGORY</td> <td style="width:10%;">AMOUNT ENCLOSED</td> <td style="width:20%;">\$</td> </tr> </table>	FEE CATEGORY	AMOUNT ENCLOSED	\$
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.

<p>CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE</p> <p>James R. Myles, MG, USA, Commanding</p>	<p>SIGNATURE</p>	<p>DATE</p> <p>FEB 24 2010</p>
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	<i>144518</i>

Encl 1 of 2 Encb

TABLE A
LICENSE 01-00126-21 AMENDMENT REQUEST SUMMARY

Application Item Number	License Paragraph Number	Amend License to Read	Discussion
2	1	Department of the Army U.S. Army Aviation and Missile Command ATTN: AMSAM-SFO-R	This change does not indicate a physical location change only an organizational mail routing scheme change. Any future correspondence concerning this license will be expedited using this new routing methodology.
6	12	Retain the Radiation Safety Officer (RSO) as A. Keith Rose, CHP. Remove Jean C. Moore as the RSO in Mr. Rose absence (alternate RSO).	Due to health related concerns, Ms. Moore is no longer able to serve as the alternate RSO. Mr. Rose will remain the RSO with contact information as indicated in the original application.
10	13	The licensee shall be able to account for sources by tracking all Laser Range Finder Designators (LRF/D) by serial number. Records of receipt, transfer, and disposal of each LRF/D by serial number will be maintained at Redstone Arsenal, AL for inspection by the NRC.	As an item of consideration for this amendment element, a "Conversation Record" between the Nuclear Regulatory Commission and this office dated February 7, 2003 is attached. It suggests that inventory by LRF/D serial number was acceptable prior to the license issue date of February 20, 2003. As noted in the original application dated December 9, 2002, the Army will ensure that the americium 241 sources are accounted for from "cradle to grave". The acquisition of each LRF/D will be documented by serial number on an appropriate DOD Form. Also, the travel of the LRF/D to and from the contractor for repair and/or disposal will be tracked by serial number and kept on file. The Item Manager will know the quantity and serial number of all LRF/Ds in the Army's possession at all times. There is a hand receipt trail to indicate where each LRF/D is located and the responsible party. The Army requests that a periodic physical inventory <u>not be required</u> . The Army will account for all sources by tracking all LRF/Ds by serial number. Records of each LRF/D by serial numbers will be maintained a Redstone Arsenal, AL for inspection by the NRC.

Copy 1



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
UNITED STATES ARMY AVIATION AND MISSILE COMMAND
REDSTONE ARSENAL, ALABAMA 35898-5000

Safety Office

FEB 18 2003

Attention: Mr. David Collins
U.S. Nuclear Regulatory Commission, Region II
Sam Nunn Atlanta Federal Center, 23 T85
61 Forsyth Street, SW
Atlanta, Georgia 30303-8931

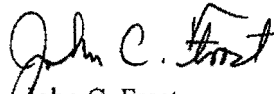
Dear Mr. Collins:

Enclosed please find both the telephone conversation record between Nuclear Regulatory Commission and this office dated February 7, 2003 and our response to the items discussed in the telephone conversation.

Thank you for your consideration in this matter.

Questions concerning this action should be directed to Keith Rose, (256) 313-2114, Fax (256) 313-2111 or email keith.rose@redstone.army.mil.

Sincerely,


John C. Frost
Chief, AMCOM
Safety Office

Enclosures

Encl 2

US NRC REGION 2

404 562 4955
4735

02/07 '03 11:26 NO.816 01/01

CONVERSATION RECORD

TIME:	am	DATE:	02 / 07 / 2003
	pm		
TYPE:	- VISIT	- CONFERENCE	✓ TELEPHONE
			- INCOMING ✓ OUTGOING

PERSON(S) CONTACTED: Keith Rose

ORGANIZATION: US Army Avlation and Missle Command Redstone Arsenal AL

LICENSE NO. 01 - 00126 - 21

DOCKET NO. 030- 36195

TELEPHONE: (AC 256) 313 - 2114 Fax No. (AC 256) 313 2 111

Jean Marie - 876-7272

SUBJECT: Question re: New License

SUMMARY

All information requested is contained/described in NUREG-1556, V7, Program-Specific Guidance about Academic, Research and Development, and Other Licenses of Limited Scope - Appendix C

- Item 9. We agree that because the units are sealed and ^{not} serviceable in the field, there is no need to describe the facilities where materials are to be stored. However, please describe the instrumentation available for incident response. The precautions to be taken in incidents are more properly described in the Radiation Safety Program
- Item 10. Material receipt and accountability. We agree that a continuous hand receipt system is sufficient to track and account for all material possessed and used under this license. It is expected that the Command would be able to properly identify each item at any request of an inspector.
- Item 10. Occupational dose. Please submit the proper descriptive statement
- Item 10. Safe Use of Radionuclides and Emergency Procedures. Please describe the location of the emergency procedures intended for incidents involving these devices.
- Item 10. Survey. Please identify the frequency of survey intended, the appropriate portions of the statements derived from Appendix Q or describe equivalent alternatives. Since the devices are below the quantity needing leak testing, no response to that portion is needed.

ACTION REQUIRED

Proceed with license amendment

NAME OF PERSON DOCUMENTING CONVERSATION:

SIGNATURE:  Date _____

Printed Name / Title

Excl 2

AMCOM RESPONSE TO ITEMS FROM CONVERSATION RECORD of 02/07/03

Regarding

NRC LICENSE APPLICATION – LICENSE NO. 01-00126-21, DOCKET NO. 030-36195

- 1) Instrumentation available for incident response: Ludlum 19 Micro-R-Meters, Eberline E600 frisker with Eberline HP-360 pancake probe, Eberline ASP-1 alpha meters with Eberline AC3-7 Probe, Staplex Hi-Vol Air Samplers. Additionally, there are approximately 1500 AN/PDR-77 Radiac Meters in the field that have alpha, beta, gamma and low energy x-ray probes. Approximately 500 of these also have a NaI micro-roentgen probe.
- 2) The Command will be able to account for all Laser Rangefinders issued.
- 3) Occupational Dose: The dose rate at 30 cm from the Laser Rangefinder is 0.002 mrem/hr above background. If a person stands 30 cm from a Laser Rangefinder for 2000 hours in one year, their annual dose would be 4 millirem.
- 4) Safe Use of Radionuclides and Emergency Procedures: Emergency procedures for incidents involving radionuclides are located in Army Regulation 11-9, The Army Radiation Safety Program, Chapter 6.
- 5) Due to the fact that the dose rates from the Laser Rangefinders are so low (0.002 mr/hr at 30 cm) and the fact that the Am241 sources are sealed and inside the Laser Rangefinders, the Army will annually survey a depot or other installation where Laser Rangefinders are located.

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

2/24/2010 (^{RECEIVED} 3/18/2010) and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 01-00126-21
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** 144518.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.