

MATERIALS LICENSE

Amendment No. 38

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Department of the Army U.S. Army Communications - Electronics Command AMSEL-SF-RER</p> <p>2. Fort Monmouth, New Jersey 07703-5024</p>	<p>In accordance with the letter dated March 15, 1995, 3. License Number 29-01022-06 is amended in its entirety to read as follows:</p> <p>4. Expiration Date February 29, 2000</p> <p>5. Bucket or Reference No. 030-05248</p>
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ALL EXEMPT

<p>6. Byproduct, Source, and/or Special Nuclear Material</p> <p>A. Any byproduct material with atomic numbers 1 through 83</p> <p>B. Cesium 137</p> <p>C. Cobalt 60</p> <p>D. Strontium 90</p> <p>E. Hydrogen 3</p> <p>F. Uranium (Natural or Depleted)</p> <p>G. Thorium (Natural)</p> <p>H. Americium 241</p> <p>I. Plutonium 238</p> <p>J. Polonium 210</p> <p>K. Californium 252</p>	<p>7. Chemical and/or Physical Form</p> <p>A. Any</p> <p>B. Sealed sources</p> <p>C. Sealed sources</p> <p>D. Sealed sources</p> <p>E. Accelerator targets</p> <p>F. Any</p> <p>G. Any</p> <p>H. Any</p> <p>I. Sealed sources</p> <p>J. Any</p> <p>K. Sealed source</p>	<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p> <p>A. Not to exceed 1 curie per radionuclide and 10 curies total</p> <p>B. 1 curies</p> <p>C. 1 curies</p> <p>D. 5 curies</p> <p>E. 30 curies</p> <p>F. 5 kilograms</p> <p>G. 10 kilograms</p> <p>H. 1 millicurie</p> <p>I. 10 microcuries</p> <p>J. 10 microcuries</p> <p>K. 1</p>
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9. Authorized use

A. through K. Research and development as defined in 10 CFR 30.4; for training and instrument calibrations.

CONDITIONS

- 10. Licensed material may be used only at the licensee's facilities located at the U.S. Army Communications - Electronics Command, Fort Monmouth, New Jersey.
- 11. A. Licensed material shall be used by, or under the supervision of, individuals designated in writing by the Radiation Safety Committee, Joseph M. Santarsiero, Chairman.
B. The Radiation Safety Officer for this license is Joseph M. Santarsiero.
- 12. Licensed material shall not be used in this record was deleted.
in accordance with the Freedom of Information Act, exemptions
FOIA 2006-0238

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

29-01022-06

Docket or Reference number

030-05248

Amendment No. 38

13. A. Sealed sources and detector cells containing licensed material shall be tested for leakage and/or contamination at intervals not to exceed six months or at such other intervals as are specified by the certificate of registration referred to in 10 CFR 32.210, not to exceed three years.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within six months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.
- E. Sealed sources and detector cells need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transfer to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission and the source or detector cell shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within five days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region I, ATTN: Chief, Nuclear Materials Safety Branch, 475 Allendale Road, King of Prussia, Pennsylvania 19406. The report shall specify the source or detector cell involved, the test results, and corrective action taken.
- G. The licensee is authorized to collect leak test samples for analysis by the licensee. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

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SUPPLEMENTARY SHEET

License num.	29-01022-06
Docket or Reference number	030-05248
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14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State.
16. The licensee shall conduct a physical inventory every six months to account for all sealed sources and devices containing licensed material received and possessed under the license.
17. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
18. This license does not authorize commercial distribution of licensed material.
19. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
 - A. Letter dated February 15, 1995
 - B. Letter dated March 15, 1995

For the U.S. Nuclear Regulatory Commission

Original Signed By:

By

John R. McGrath

Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

Date

APR 21 1995

APR 21 1995

Commander
Department of the Army
U.S. Army Communication -
Electronics Command
AMSEL-SF-RER
Fort Monmouth, NJ 07703-5024

Dear Commander:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I office, the Licensing Assistance Section, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:

John R. McGrath
Nuclear Materials Safety Branch
Division of Radiation Safety
and Safeguards

License No. 29-01022-06
Docket No. 030-05248
Control No. 121519

Enclosures:

1. Amendment No. 38
2. 10 CFR Parts 2, 19, 20, 30, and 170
3. NRC Form 3 and 313

DOCUMENT NAME: R:\WPS\MLTR\L2901022.06A

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DRSS/RI	N	/	/	
NAME	JRMcGrath <i>JRM</i>				
DATE	04/11/95	04/ /95	04/ /95	04/ /95	



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, US ARMY COMMUNICATIONS-ELECTRONICS COMMAND
AND FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5000



15 March 1995

030-05248

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

This refers to US Nuclear Regulatory Commission (NRC) License Number 29-01022-06, Docket Number 030-05248, Control Number 116637, and to our letter dated 15 February 1995 with attached Application For Radioactive Material License dated 14 February 1995.

We are hereby requesting that you grant us an amendment to our license as it relates to security procedures used for our Evans Area described in paragraph 2.b., Supplement E of our application. Paragraph 2.b. currently states that "...Access to the area is restricted and monitored by DoD security officers after normal duty hours, i.e., 0730-1600 hours, Monday through Friday. During weekends and holidays, access to the Evans Area is restricted and monitored by DoD security officers 24 hours a day....".

Due to downsizing of the Army, and in particular, Fort Monmouth, and re-addressing budgetary and manpower requirements, we are now investigating reducing the use of DoD civilian and/or military police officers, and propose the following alternative:

a. Open access to the Evans Area will be available during 0600-2030 hours, Monday through Friday. During this time, DoD/military police officers will monitor the area utilizing roving patrols. During 2030-0600 hours, Evans Area gates are locked utilizing a cipher locking system; access to the area is restricted and entry is limited to those authorized employees issued access codes. Drive-through checks of the locked area will be accomplished by DoD/military police officers every four hours during 2030-0600. Police officers will access entry, close the gate behind them and perform their drive-through security check; upon completing their check, police officers will exit the area following the same procedures used for entry. During weekends and holidays, access to the Evans Area will be restricted to those authorized employees issued access codes; drive-through checks of the locked area will be accomplished by DoD/military police officers every four hours, 24 hours a day.

b. The description of the security procedures for Buildings 9045, 9401 and 9383 addressed in Supplement E remain essentially the same; the security system will be tied into the main post system located in Building 977.

121519

MAR 22 1995

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We are requesting expeditious processing of this amendment so that we can implement these cost reducing features as soon as possible.

Our Point of Contact is Mr. Joseph M. Santarsiero or Mr. Barry J. Silber, Facsimile on (908) 542-7161 or Voice on (908) 544-4427/3112.

Sincerely,



Steven A. Horne
Chief, Safety Office

Copy Furnished:

Commander, U.S. Army Materiel Command, ATTN: AMCSF-P, 5001
Eisenhower Avenue, Alexandria, Virginia 22333-0001