UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

July 2, 2007

Docket No. 03005248 License No. 29-01022-06
Control No. 140738

Stephen G. LaPoint
Director
Department of the Army
U.S. Army Communications - Electronics Life Cycle Management Command
Directorate of Safety
Fort Monmouth, NJ 07703-5000

SUBJECT: DEPARTMENT OF THE ARMY, LICENSE AMENDMENT, CONTROL NO. 140738

Dear Mr. LaPoint:

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, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Regulations, Guidance, and Communications.** You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Elizabeth Ullrich

Elizabeth Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 61

cc:
Craig S. Goldberg, Radiation Safety Officer

DOCUMENT NAME: C:\FileNet\ML071840667.wpd

SUNSI Review Complete: FGaskins
After declaring this document "An Official Agency Record" it **will** be released to the Public.

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	DNMS/RI	N	DNMS/RI	N	DNMS/RI			
NAME	FGaskins ***/FCG/***		EUllrich ***/BU/***					
DATE	7/2/07		7/2/07					

OFFICIAL RECORD COPY

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 61

MATERIALS LICENSE

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.

Licensee	In accordance with the letter dated June 26, 2007,
1. Department of the Army U.S. Army Communications - Electronics Life Cycle Management Command	3. License number 29-01022-06 is amended in its entirety to read as follows:
2. Attn: AMSEL-SF-R Fort Monmouth, New Jersey 07703-5024	4. Expiration date May 31, 2017
	5. Docket No. 030-05248 Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material with atomic numbers 1 through 83, alpha emitting radionuclides only	A. Any	A. Not to exceed 500 microcuries per radionuclide and 500 microcuries total
B. Any byproduct material with atomic numbers 1 through 83, other than alpha emitting radionuclides	B. Any	B. Not to exceed 2 millicuries per radionuclide and 2 millicuries total
C. Any byproduct material with atomic numbers 84 through 95	C. Any	C. Not to exceed 100 microcuries per radionuclide and 100 microcuries total
D. Hydrogen 3	D. Any	D. 10 millicuries
E. Cesium 137	E. Any	E. 45 millicuries
F. Polonium 210	F. Any	F. 10 microcuries
G. Americium 241	G. Any	G. 100 microcuries

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
29-01022-06

Docket or Reference Number
030-05248

Amendment No. 61

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
H. Cobalt 60	H. Sealed sources (J. L. Shepherd Model 7810)	H. 50 millicuries
I. Strontium 90	I. Sealed Sources (3M Model 3F1G)	I. 100 millicuries
J. Cesium 137	J. Sealed Sources (J. L. Shepherd Model 6810)	J. 200 millicuries
K. Cesium 137	K. Sealed Sources (3M Model 4F6S, Monsanto Research Co. Model 24148, or Amersham Corporation Models CDC.700 or CDC.711m)	K. 2 curies
L. Cesium 137	L. Sealed Sources (C-E LCMC ID Nos. CS-05 and CS-06)	L. Not to exceed 50 millicuries per source and 53 millicuries total
M. Americium 241	M. Sealed Sources (All AEA Technology, Amersham Corporation or Isotope Products Laboratories Models)	M. 1 millicurie
N. Californium 252	N. Sealed Sources (Frontier Technology Corporation Model 10 or Model 100 Series)	N. 1 curie
O. Natural Uranium	O. Any	O. 5 kilograms
P. Natural Thorium	P. Any	P. 10 kilograms

NRC FORM 374A **U.S. NUCLEAR REGULATORY COMMISSION**

License Number
29-01022-06

Docket or Reference Number
030-05248

Amendment No. 61

MATERIALS LICENSE
SUPPLEMENTARY SHEET

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
Q. Plutonium 238	Q. Sealed Sources (All AEA Technology, Amersham Corporation, or Isotope Products Laboratory Models)	Q. 10 microcuries
R. Plutonium 239	R. Any	R. 10 microcuries

9. Authorized use:

A through R. Research and development as defined in 10 CFR 30.4; for training and instrument calibrations; analysis of test samples as a service for persons as defined in 10 CFR 20.1003; calibration of instruments as a service for persons as defined in 10 CFR 20.1003.

J. In a J. L. Shepherd Model 142-10 calibrator.

K. In a SAIC Military Mobile Vehicle and Cargo Inspection System for detection of materials.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at the U. S. Army Communications-Electronics Life Cycle Management Command, Fort Monmouth, New Jersey, and may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.

    If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
29-01022-06

Docket or Reference Number
030-05248

Amendment No. 61

11. A. Licensed material shall only be used by, or under the supervision of, individuals designated, in writing, by the Radiation Safety Committee. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.

    B. The Radiation Safety Officer for this license is Craig S. Goldberg.

12. The licensee shall not use licensed material in or on human beings.

13. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.

14. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.

    B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.

    C. 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.

    D. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.

    E. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.

    F. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred 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 shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

    G. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear

Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

H. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.

I. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.

15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

16. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

17. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if the licensee:

A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and

B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and

C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.

18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

NRC FORM 374A	U.S. NUCLEAR REGULATORY COMMISSION	PAGE 6 of 5 PAGES
		License Number 29-01022-06
MATERIALS LICENSE SUPPLEMENTARY SHEET		Docket or Reference Number 030-05248
		Amendment No. 61

19. 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 U.S. 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 [ML062620389]
B. Letter dated March 10, 1997 [ML062630121]
C. Letter dated April 11, 1997 [ML062630209]
D. Letter dated May 12, 1997 [ML062630227]
E. Letter dated December 2, 1997 [ML062630233]
F. Letter dated April 13, 2000 [ML003710928]
G. Letter dated April 30, 2000 (electronic mail) [ML003711089]
H. Letter dated July 27, 2000 [ML003738146]
I. Letter dated August 10, 2001 [ML012350385]
J. Letter and application dated February 23, 2005 [ML070040409]

For the U.S. Nuclear Regulatory Commission

Original signed by Elizabeth Ullrich

Date July 2, 2007 By _____

Elizabeth Ullrich
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406