

MATERIALS LICENSE

Amendment No. 14

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.

OFFICIAL RECORD COPY

Licensee Department of the Army 1. U.S. Army Communication-Electronics Command 2. AMSEL-SF Fort Monmouth, New Jersey 07703-5024		In accordance with the letter dated September 4, 1996, 3. License Number 29-01022-14 is amended in its entirety to read as follows: 4. Expiration Date October 31, 2003 5. Docket or Reference No. 030-29741	
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. Cobalt 60	A.	A.	
B. Cobalt 60	B.	B.	
C. Cobalt 60	C.	C.	
D. Krypton 85	D.	D.	
E. Strontium 90	E.	E.	
F. Strontium 90	F. Sealed sources (ECOM Dwg. No. SM-B-509048)	F. Not to exceed 150 microcuries per source and 45 millicuries total	
G. Strontium 90	G.	G.	
H. Strontium 90	H. Sealed sources (3M Dwg., No. 12-1921-0474-8)	H. Not to exceed 36 microcuries per source and 18 millicuries total	
I. Cesium 137	I.	I.	

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2 and 7.
FOIA-2006-0238

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SUPPLEMENTARY SHEET

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J. Cesium 137

J.

J.

K. Plutonium 239

K. Electroplated sources
(Eberline Instrument
Corp., Model 594-1)K. Not to exceed 23
micrograms (1.4
microcuries) per set and
0.0115 grams total

L. Americum 241

L. Sealed sources (Amersham
Radiochemical Center,
Amersham Code 2084)L. Not to exceed 10
millicuries per source
and 50 millicuries total

M. Americum 241

M. Sealed sources (Amersham
Model AMR 8122)M. Not to exceed 1
microcurie per source and
100 microcuries total

N. Americum 241

N. Sealed sources (Amersham
Model AMRB 8152)N. Not to exceed 10
microcuries per source
and 50 microcuries total

O. Americum 241

O. Sealed sources (Amersham
Model AMRB 1659)O. Not to exceed 20
microcuries per source
and 100 microcuries total

P. Thorium 230

P. Electroplated source
(Eberline Instrument
Corp., Model No. CS-12)P. Not to exceed 0.98
micrograms (20
nanocuries) per source
and 1 milligram total

Q. Thorium 232

Q. Metal foils

Q. Not to exceed 2.7 grams
(300 nanocuries) per
source and 4.05 kilograms
total

R. Plutonium 239

R. Electroplated sources
(Eberline Instrument
Corp., Model No. CS-1)R. Not to exceed 163
nanograms (10 nanocuries)
per source and 1 gram
total

S. Thorium 232

S. Solid (Thorium Flouride
coating on optical
systems)S. Not to exceed 3 grams
(0.330 microcuries) per
optical system and 40
kilograms total

9. Authorized use

A. through R. Calibration and operational checking of radiation detection
instrumentation.

S. Optical coating on thermal imaging devices.

CONDITIONS

10. Licensed material may be used only at the licensee's facilities located at Fort Monmouth, New Jersey, and at Department of Defense installations anywhere in the United States.

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- G. The licensee is authorized to collect leak test samples for analysis by 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.
13. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
14. 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.
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 is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
17. 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. Memorandum of Understanding dated June 22, 1990
B. Application dated July 20, 1992
C. Letter dated June 15, 1993
D. Letter dated April 6, 1994
E. Letter dated February 28, 1997
F. Letter dated July 30, 1997
G. Letter dated August 27, 1997, with attachment

Date

SEP 30 1997

For the U.S. Nuclear Regulatory Commission

Original Signed By:

Steve W. Shaffer

By

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

SEP 30 1997

Steven A. Horne, Chief
CECOM Safety Office
US Army
Communications-Electronics Command
Fort Monmouth, New Jersey 07703-5024

Dear Mr. Horne:

This refers to your license amendment request. Enclosed with this letter is the amended license. The areas 1 and 1A of the Evans area may be released for unrestricted use.

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) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:

Steve W. Shaffer
Decommissioning & Laboratory Branch
Division of Nuclear Materials Safety

License No. 29-01022-14
Docket No. 030-29741
Control No. 123818

Enclosure:
Amendment No. 14

cc (with enclosure):
Jill Lipoti, Ph.D., Assistant Director
Radiation Protection Programs
State of New Jersey
Department of Environmental Protection
P.O. Box 415
Trenton, New Jersey 08625-0415

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