

MATERIALS LICENSE

Amendment No. 04

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 1, Parts 30, 31, 32, 33, 34, 35, 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</p> <p>2. AM SEL-SF Ft. Monmouth, New Jersey 07703-5024</p>	<p>In accordance with letter dated March 7, 1990, 3. License number 29-01022-14 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date August 31, 1992</p> <hr/> <p>5. Docket or Reference No. 030-29741</p>
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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. Cesium 137	B.	B.
C. Cesium 137	C.	C.
D. Strontium 90	D.	D.
E. Strontium 90	E. Sealed Sources (ECUM Dwg. No. SM-B-509048)	E. 45 millicuries (not to exceed 150 microcuries per source)
F. Strontium 90	F.	F.
G. Strontium 90	G. Sealed Source (3M Dwg. No. 12-1921-0474-8)	G. 18 millicuries (not to exceed 36 microcuries per source)
H. Plutonium 239	H. Electroplated source	H. 0.0115 grams (not to exceed 23 micrograms (1.4 microcuries) per set)
I. Plutonium	I. Deposited on acrylic plastic disk	I. 0.246 grams [not to exceed 819 micrograms (50.3 microcuries) per set]

Information in this record was deleted in accordance with the Freedom of Information Act exemptions 2

FOIA 2006-0239

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EX2

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

29-01022-14

Docket or Reference number

030-29741

Amendment No. 04

(6., 7. & 8. continued)

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
J. Cobalt 60	J. [Handwritten]	J. [Handwritten]
K. Plutonium 239	K. Eberline Instrument Corp. Model CS-1	K. 1 gram (not to exceed 163 nanograms (10 nanocuries) per source)
L. Thorium 230	L. Eberline Instrument Corp. Model CS-12	L. 1 milligram (not to exceed 0.98 micrograms (20 nanocuries) per source)
M. Thorium 232	M. Nuclear Research Corp. Model No. B-1093	M. 2.76 kilograms (not to exceed 2.7 grams (300 nanocuries) per source)
N. Krypton 85	N. Sealed Sources (USAEA Dwg. No. B124-12-8)	N. 120 curies (not to exceed 6 millicuries per source)
O. Americium 241	O. Sealed Sources (Amersham Radiochemical Center, Amersham Code 2084)	O. 50 millicuries (not to exceed 10 millicuries each)
P. Cobalt 60	P. Sealed source (U.S. Nuclear Type 366)	P. 13 curies
Q. Thorium 232	Q. Solid form (Thorium fluoride coating on optical system)	Q. 40 kilograms (not to exceed 2 grams (0.218 microcuries) per optical system)

9. Authorized use

- A. through P. Calibration and operational check of radiation detection instrumentation.
- Q. Optical coating on thermal imaging devices.

CONDITIONS

- 10. Licensed material may be used at the licensee's facilities, Ft. Monmouth, New Jersey, and at Department of Defense installations anywhere in the United States.
- 11.
 - A. Licensed material shall be used by or under the supervision of individuals who have completed the training described in application dated May 7, 1986, with enclosures. Records of individuals who have satisfactorily completed the training program shall be maintained by the Radiation Safety Officer.
 - B. At least one individual qualified under Condition 11.A. shall be present whenever licensed material is being used.
 - C. The Radiation Safety Officer for this license is Barry J. Silber.

EX 2

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

29-01022-14

Docket or Reference number

030-29741

Amendment No. 04

(Continued)

CONDITIONS

12. Sealed sources containing licensed material shall not be opened by the licensee.
13. A(1) Any sealed source(s) or detector cell(s) specified in Item(s) 7.A. through G., J., O. and P. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. Any source or detector cell received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source or detector cell is exempt from such leak tests when the source or detector cell contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
- B. The periodic leak test required by item A(1) of this condition does not apply to sealed sources that are stored and not being used. In lieu of that requirement, such sealed sources shall be tested for leakage and/or contamination at intervals not to exceed ten years. The sources excepted from this test shall be tested for leakage prior to any use or transfer to another person unless they have been leak tested within six months prior to the date of use or transfer.
- C. 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, the source or detector cell shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 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 involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.
14. The licensee shall conduct a physical inventory every 6 months to account for any sealed source specified in Items 7.A. through 7.J., and 7.N., O. and P. received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory.
15. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material".

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

29-01022-14

Docket or Reference number

030-29741

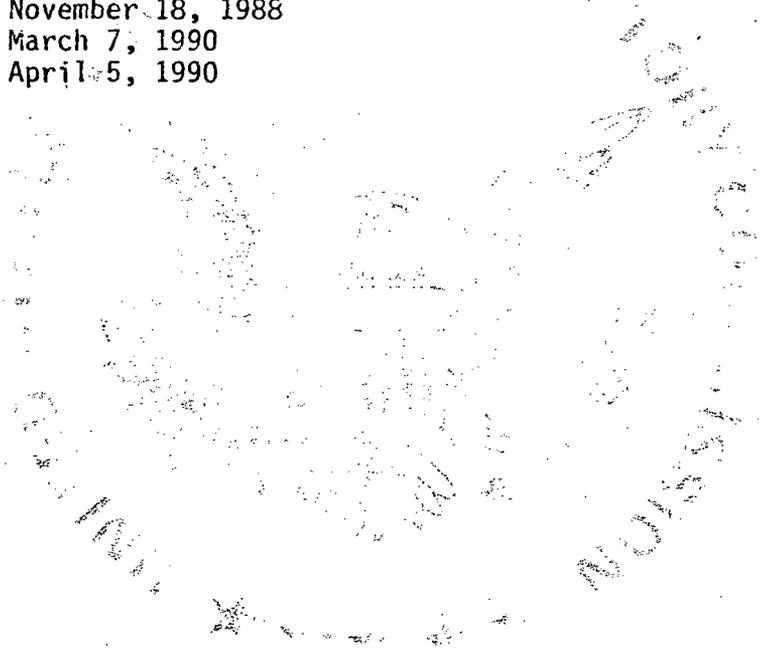
Amendment No. 04

(Continued)

CONDITIONS

16. 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. Application dated May 7, 1986
- B. Letter dated October 21, 1987
- C. Letter dated October 17, 1988
- D. Letter dated November 18, 1988
- E. Letter dated March 7, 1990
- F. Letter dated April 5, 1990



JUN 02 1990

Date _____

For the U.S. Nuclear Regulatory Commission

Original Signed By:
John J. Miller

By _____

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

JUN 02 1990

License No. 29-01022-14
Docket No. 030-29741
Control No. 112197

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

Gentlemen:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5239, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

In addition, please be aware that the NRC has amended its regulations to set forth technical and financial criteria for decommissioning licensed nuclear facilities. The new decommissioning rule was published in the Federal Register, 53 FR 24018, and became effective on July 27, 1988; however, a two year period of grace is provided up to July 27, 1990. The new rule affects licensees authorized to possess and use radioactive material under 10 CFR Parts 30, 40, 70, et. al. The amount of financial assurance required is directly proportional to the total possession limit authorized by each of your NRC licenses; although not all quantities and forms of radioactive material require financial assurance. In order to determine how the new rule affects your program, you need to refer to the above federal register notice. Please note that if the required funding level is not practical for your program, you need to refer to the above federal register notice. Please note that if the required funding level is not practical for your program, consideration should be given to change your total possession limit to either decrease or void the financial assurance requirements. Notwithstanding, as of the effective date of the new rule, blueprints or applicable buildings and records of contaminations and incidents are required to be maintained by all users licensed under Parts 30, 40, and 70.

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

We wish you success in operating a safe and effective licensed program.

Sincerely,

Original Signed By:

John J. Miller

John J. Miller
Nuclear Materials Safety Section C
Division of Radiation Safety
and Safeguards

Enclosures:

1. Amendment No. 04
2. Requirements for Materials Licensees

 DRSS:RI
Dwyer/pmb/cmm

05/9/90

DRSS:RI
Miller

 05/17/90

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ML 29-01022-14/LTR - 0002.0.0
05/09/90

CONVERSATION RECORD

TIME

1000

DATE

5/16/90

TYPE

 VISIT CONFERENCE TELEPHONE INCOMING OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Patricia Elker

ORGANIZATION (Office, dept., bureau, etc.)

US Army Materiel Com.

TELEPHONE NO.

(202)
274-9340

SUBJECT

change film to TLD - PANASONIC UD802

SUMMARY

Patricia Elker said that PANASONIC UD802 is
NAYLAP certified. Said she would notify NRC

ACTION REQUIRED

Nothing

NAME OF PERSON DOCUMENTING CONVERSATION

Dwyer

SIGNATURE



DATE

5/16/90

ACTION TAKEN

SIGNATURE

TITLE

DATE

50271-101

*U.S. G.P.O. 1983-381-526
OFFICIAL RECORD COPY

CONVERSATION RECORD

ML10

OPTIONAL FORM 271 (12-76)
DEPARTMENT OF DEFENSE



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

REPLY TO
ATTENTION OF

AMSEL-SF-RER

5 April 1990

MEMORANDUM FOR U.S. Nuclear Regulatory Commission, Region I,
Nuclear Materials Safety Branch, 475 Allendale
Road, King of Prussia, PA 19406

SUBJECT: U.S. Nuclear Regulatory Commission (NRC) License Number
29-01022-14, Docket/Reference Number: 030-29741

1. Reference FONECON, between Mr. Frank Costello, USNRC Region I, and Mr. Joseph Santarsiero, our office, 4 Apr 90, SAB.
2. As discussed in the reference, request an amendment be issued to subject license issued to this command.
3. Request subject license be amended to reflect the following:
 - a. ADD: "Cobalt 60; Sealed Source, U.S. Nuclear Type 366; Not To Exceed 13 Curies," as Item 6, 7, and 8, respectively. This source is currently authorized under NRC license number 02-09090-02, Docket/Reference Number 030-06880 (enclosure 1), issued to the U.S. Army Electronic Proving Ground, Fort Huachuca, AZ for use in the AN/UDM-1 Radiac Calibrator Set.
 - b. Change Item 8B of subject license to read: "600 Curies (not to exceed 150 Curies per source)." This is requested to cover the four Type 371 gamma sources that are utilized in the AN/UDM-1A Radiac Calibrators located at the following sites:
 - (1) Fort Huachuca, AZ - NRC License Number 02-09090-02 (enclosure 1).
 - (2) White Sands Missile Range (WSMR), AZ - NRC License Number 30-12350-01.
 - (3) Aberdeen Proving Ground (APG), MD - NRC License Number 19-12056-03.
 - (4) U.S. Army Chemical School, Fort McClellan, AL. This source was covered under NRC License Number 01-00126-16, issued to the U.S. Army Test, Measurement, and Diagnostic Equipment Support Group, Redstone Arsenal, AL (enclosure 2).

FEE EXEMPT

APR 10 4:57 PM '90

RECEIVED-REGION I

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112197
APR 09 1990

AMSEL-SF-RER

SUBJECT: U.S. Nuclear Regulatory Commission (NRC) License Number
29-01022-14, Docket/Reference Number: 030-29741

4. Our POC is Mr. Joseph Santarsiero, (201) 544-4427.
5. CECOM Bottom Line: THE SOLDIER.



WILLIAM H. HULSE, JR.
Acting Chief, Safety Office

2 Encls

CF:
Commander, U.S. Army Material Command, ATTN: AMCSF-P, 5001
Eisenhower Avenue, Alexandria, VA 22331-0001

MATERIALS LICENSE

Amendment No. 9

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-433), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 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 by product, 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 103 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

1. Department of the Army
U.S. Army Electronic Proving Ground
2. Surveillance Test Division
Fort Huachuca, Arizona 85613-7110

In accordance with letter dated June 21, 1989
3. License number 02-09090-02 is amended in its entirety to read as follows:

4. Expiration date February 28, 1991

5. Docket or Reference No. 030-06880

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. Cesium 137	A. Sealed source (ORNL custom source)	A. 1,000 curies
B. Cobalt 60	B. Sealed source (AECL Model G-132)	B. 250 curies
C. Cobalt 60	C. Sealed source (U.S. Nuclear Type 366)	C. Not to exceed 11 curies total
D. Cesium 137	D. Sealed source (U.S. Nuclear Type 371)	D. Not to exceed 120 curies total

9. Authorized use

- A and B. To be used in a J. L. Shepherd and Associates Model 138 irradiator for calibration, testing and evaluation of instruments.
- C. For use in Model AN/ITM-1 Radiac Calibrator for calibration of instruments.
- D. For use in Model AN/UDM-1A Radiac Calibrator for calibration of instruments.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

02-09090-02

Docket or Reference number

030-06880

Amendment No. 9

CONDITIONS

10. Licensed material shall be used only at the licensee's Radiac Test Facility, Building 17508, West Range, Fort Huachuca, Arizona.
11. Licensed material shall be used by, or under the supervision of, individuals designated by the U.S. Army Electronic Proving Ground Radiation Control Committee, Mr. Linden N. Ransy, Chairman.
12. Sealed sources containing licensed material shall not be opened.
13. A. (1) The source(s) specified in Item(s) 7.A. through 7.E. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.

B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.

C. The tests taken for the sources specified in Items 7.A. and 7.B. shall be capable of detecting the presence of 0.05 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.05 microcurie or more of removable contamination, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

The tests taken for the sources specified in Items 7.C., 7.D. and 7.F. 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, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

A report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region V; Nuclear Materials Safety and Safeguards Branch; 1450 Maria Lane, Suite 210; Walnut Creek, California 94596. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.

D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES

MATERIALS LICENSE

Amendment No. 08

suant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, de of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 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

1. Department of the Army
Commander
U. S. Army Test Measurement and
2. Diagnostic Equipment Support Group
ATTN: AMXM-SR
Redstone Arsenal, Alabama 35898-5400

In accordance with letter dated
December 21, 1989

3. License number 01-00126-16 is amended
in its entirety to read as follows:

4. Expiration date April 30, 1991

5. Docket or
Reference No. 030-12630

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,
inclusive

- A. Calibration/Reference
sources or counting
standards

- A. 50 millicuries
total, with no
single source or
standard to exceed
500 microcuries

- B. Hydrogen 3

- B. Sealed light sources

- B. Not to exceed
50 curies per
source and
150 curies total

- C. Carbon 14

- C. Sealed light source

- C. 500 millicuries

- D. Cesium 137

- D. Sealed sources
(See Condition 15)

- D. One source not to
exceed 2 curies and
one source not to
exceed 200 curies

- E. Cobalt 60

- E. Sealed sources
(See Condition 15)

- E. One source not to
exceed 0.5 curies
and one source not
to exceed 50 curies

- F. Cesium 137

- F. Sealed sources
(See Condition 15)

- F. Three sources not
to exceed 400
curies per source
and three sources
not to exceed 130
millicuries per
source

ENC 2

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number

01-00126-16

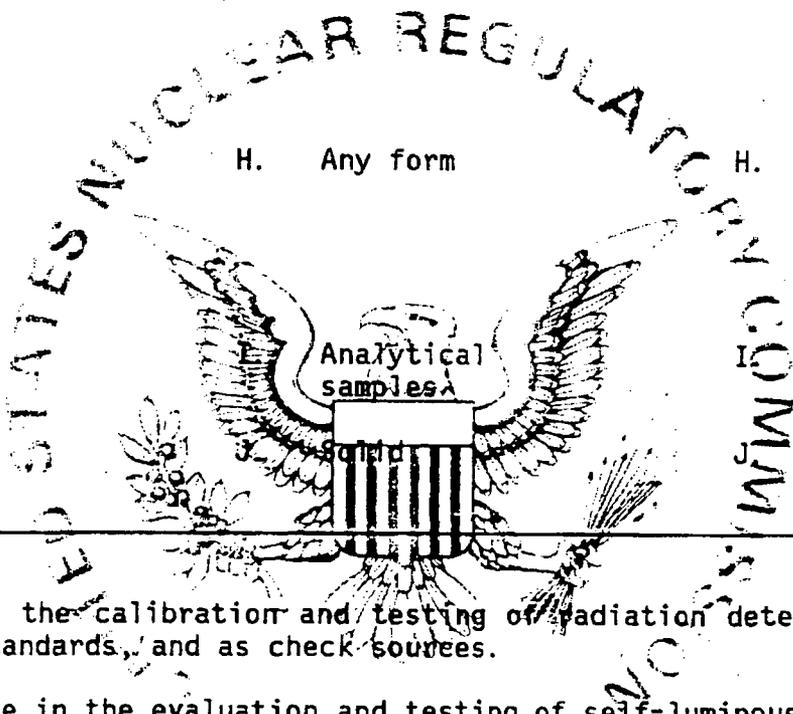
Docket or Reference number

030-12630

Amendment No. 08

(cont'd)

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount licensee may that possess at any one time under this license
G. Americium 241	G. Any form	G. 25 microcuries total with no single source to exceed 10 microcuries
H. Nickel 63	H. Any form	H. 20 millicuries maximum with no single source to exceed 10 millicuries
I. Any licensed material	I. Analytical samples	I. Not applicable
J. Thorium 230	J. Solid	J. 50 microcuries



9. Authorized Use

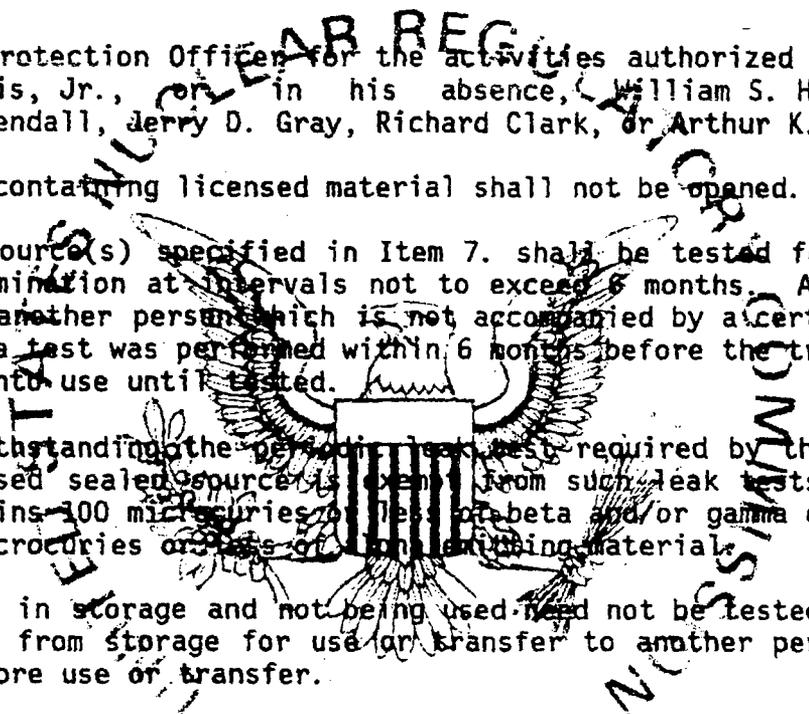
- A. For use in the calibration and testing of radiation detection systems, as counting standards, and as check sources.
- B. and C. For use in the evaluation and testing of self-luminous sources.
- D. For use in the AN/UDM-1A RADIAC Calibrator for the calibration of instruments.
- D. and E. For use in J. L. Shepherd Model 81-160 quadruple source device to instrument calibration.
- F. For use in (3) J. L. Shepherd Model 89-400 shielded calibration ranges for instrument evaluation, calibration and research and development.
- G. For use as calibration or reference sources.
- H. For use as calibration or reference sources.
- I. For collection and analysis of leak test samples from Army radioactive commodities.
- J. For use as calibration or reference source.

MATERIALS LICENSE SUPPLEMENTARY SHEET

License number	01-00126-16
Docket or Reference number	030-12630
Amendment No. 08	

CONDITIONS

- 10. Licensed material shall be used only at buildings 5435 and 5437, Redstone Arsenal, Alabama.
- 11. Licensed material shall be used by, or under the supervision of, Marty L. Jamieson, William S. Harris, Jr., Patrick J. Kuykendall, Jerry D. Gray, Richard Clark, or Arthur K. Rose except that licensed material specified in Item 6.A may be used by, or under the supervision of individuals who meet the requirements specified in 10 CFR 33.15.
- 12. The Radiation Protection Officer for the activities authorized by this license is William S. Harris, Jr., or in his absence, William S. Harris, Jr., Patrick J. Kuykendall, Jerry D. Gray, Richard Clark, or Arthur K. Rose.
- 13. Sealed sources containing licensed material shall not be opened.
- 14. A.(1) The source(s) specified in Item 7. shall be tested for leakage and/or contamination at intervals not to exceed 6 months. Any source received from another person which is not accompanied by a certificate indicating that a test was performed within 6 months before the transfer shall not be put into use until tested.
 (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
 B. Any source in storage and not being used need not be tested. When the source is removed from storage for use or transfer to another person, it shall be tested before use or transfer.
 C. 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, the source shall be removed from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. A report shall be filed within 5 days of the date the leak test result is known with the U. S. Nuclear Regulatory Commission, Region II, Division of Radiation Safety and Safeguards, Nuclear Material Safety Section, 101 Marietta Street, Suite 2900, Atlanta, Georgia 30323. The report shall specify the source involved, the test results, and corrective action taken. Records of leak test results shall be kept in units of microcuries and shall be maintained for inspection by the Commission. Records may be disposed of following Commission inspection.
 D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to perform such services.

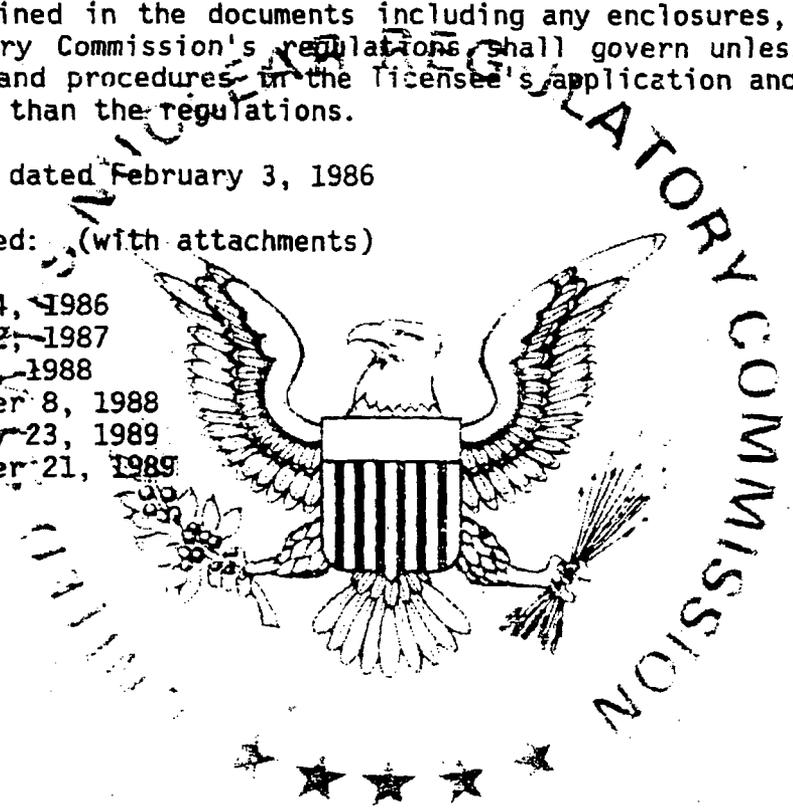


**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number	01-00126-16
Docket or Reference number	030-12630
Amendment No. 08	

(cont'd) **CONDITIONS**

15. The licensee is authorized to possess and use sealed sources which have been evaluated and approved for licensing purposes and authorized for distribution (in the device specified in subitems 9. D., 9.E. and 9. F.) under a license issued by NRC or an Agreement State.
16. 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. Application dated February 3, 1986
 - B. Letters dated: (with attachments)
 - o July 24, 1986
 - o April 2, 1987
 - o June 3, 1988
 - o December 8, 1988
 - o January 23, 1989
 - o December 21, 1989



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 26 1990

By CAROL A. CONNELL
Carol A. Connell
 Region II, Nuclear Materials
 Safety Section
 101 Marietta Street, Suite 2900
 Atlanta, GA 30323

112197

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APR 09 1990



DEPARTMENT OF THE ARMY
 HEADQUARTERS, U. S. ARMY MATERIEL COMMAND
 5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

March 7, 1990



Safety Office

030-29741
 29-01022-14

U.S. Nuclear Regulatory Commission
 Region I
 ATTN: Materials Licensing Branch
 475 Allendale Road
 King of Prussia, Pennsylvania 19406

Gentlemen:

The U.S. Army has completely converted the personnel dosimetry program from film badges to Panasonic UD802 thermoluminescent dosimeters. To reduce operational costs over the years and increase the accuracy at low doses, the U.S. Army will institute a quarterly TLD wearing period in lieu of the previous monthly film badge interval for nonmedical radioactive material users.

We request the enclosed NRC licenses be amended to allow the quarterly TLD wearing interval. We are recommending the quarterly TLD wearing periods based on historically low exposure histories.

Please acknowledge receipt of correspondence on the enclosed DA Form 209, Mail, Reply or Follow-Up Notice. If you have any additional questions, please contact Ms. Patricia Elker, 202 274-9340.

Sincerely,

Garwin N. Taras
 Chief
 Safety Office

Enclosures

Copies Furnished:
 HQDA (SGPS-PSP-E)
 COMMANDER

- DESCOM, ATTN: AMSDS-SF
- CECOM, ATTN: AMSEL-SF
- AMCCOM, ATTN: AMSMC-SF
- WVA, ATTN: SMCVV-SF
- CSTA, ATTN: STECS-SO
- ARDEC, ATTN: SMCAR-SF
- Director, USAMC Field Safety Activity, ATTN: AMXOS

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112197
 MAR 13 1990

WATERVLIET ARSENAL:

31-07595-01
STB-1121

COMBAT SYSTEMS TEST ACTIVITY:

19-00294-19
SNM-1649
SUB-834
19-00294-23 -- In addition, pocket dosimeters are used in any area where the radiation level is \geq to 20 mR/per hour.

ARMAMENT RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER:

SNM-561
SUB-348
29-00047-02
29-00047-06
29-00047-09

SENECA ARMY DEPOT:

SUC-1275

LETTERKENNY ARMY DEPOT:

SUC-1308
37-16745-01

COMMUNICATIONS & ELECTRONICS COMMAND:

29-01022-14

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