

MATERIALS LICENSE

Amendment No. 27

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, 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 application dated March 1, 1985	
1. Department of the Army USAMEDDAC		3. License number 16-03657-01 is amended in its entirety to read as follows:	
2. Ireland Army Community Hospital Fort Knox, Kentucky 40121-5520		4. Expiration date	July 31, 1990
		5. Docket or Reference No.	030-01748
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 listed in Groups I and II of Schedule A, Section 35.100 of 10 CFR 35	A. Any radio-pharmaceutical listed in Groups I and II of Schedule A, Section 35.100 of 10 CFR 35	A. As necessary for uses authorized in Subitem 9.A.	
B. Any byproduct material listed in Group III of Schedule A, Section 35.100 of 10 CFR 35	B. Any form listed in Group III of Schedule A, Section 35.100 of 10 CFR 35	B. 5 curies of each byproduct material authorized in Subitem 6.B.	
C. Any byproduct material listed in Group IV of Schedule A, Section 35.100 of 10 CFR 35	C. Any radio-pharmaceutical listed in Group IV of Schedule A, Section 35.100 of 10 CFR 35	C. As necessary for uses authorized in Subitem 9.C.	
D. Any byproduct material listed in Group V of Schedule A, Section 35.100 of 10 CFR 35	D. Any radio-pharmaceutical listed in Group V of Schedule A, Section 35.100 of 10 CFR 35	D. As necessary for uses authorized in Subitem 9.D.	

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MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense number
16-03657-01Docket or Reference number
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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 |
| E. Any byproduct material listed in Section 31.11(a) of 10 CFR 31 | E. Any | E. 5 millicuries of each byproduct material authorized in Subitem 6.E. |
| F. Carbon 14 | Any | F. 9 millicuries |
| G. Carbon 14 | G. Sealed source | G. 1.6 millicuries |
| H. Krypton 85 | H. Sealed source | H. 5 millicuries |
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9. Authorized use
- A. Any diagnostic procedure listed in Groups I and II of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- C. Any therapeutic procedure listed in Group IV of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- D. Any therapeutic procedure listed in Group V of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- E. and F. In-vitro studies.
- G. For use in performing night vision tests of pilots and other personnel.
- H. For use in performing instrument calibrations.

CONDITIONS

10. Licensed material shall be used only at Ireland Army Community Hospital, Fort Knox, Kentucky.

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SUPPLEMENTARY SHEETLicense number
16-03657-01Docket or Reference number
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Amendment No. 27

(Cont'd)

CONDITIONS

11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Control Committee.
13. The use of licensed material in or on humans shall be by a physician as defined in 10 CFR 35.3(b).
14. The Radiation Protection Officer for the activities authorized by this license is John G. Manfre, Jr.
15. Licensed material shall be used in accordance with the provisions of Section 35.14(b)(c)(v) and (f) of Title 10, Code of Federal Regulations.
16. Patients containing Iodine 131 for the treatment of thyroid carcinoma shall remain hospitalized until the residual activity is 30 millicuries or less.
17. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal as ordinary trash provided:
 - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of ten (10) half-lives.
 - B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.
 - C. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.
18. Sealed sources containing licensed material shall not be opened.

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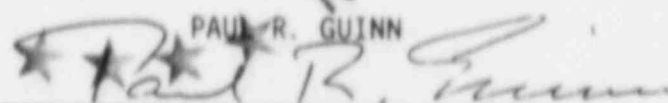
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CONDITIONS

19. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in applications dated March 1, 1985, May 9, 1985 and May 17, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.



Date JUL 03 1985

By  PAUL R. GUINN
Region II, Nuclear Materials
Safety Section
101 Marietta Street, Suite 2900
Atlanta, GA 30323

CONVERSATION RECORD

TIME

DATE

6/27/85

TYPE

☐ VISIT☐ CONFERENCE☐ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

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

1LT John G. Manfre, Jr., MSS

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

Army

TELEPHONE NO.

502 -
624-1143

SUBJECT

Renewal of Lease NO. 16-03657-01

SUMMARY

Operation concerning Night Vision testing.

This device is used by doctor to test
Night Vision adaptability of pilots and
other military personnel.

ACTION REQUIRED

Issue lease with the night vision device
on the island

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

PAUL R. GUINN

Paul R. Guinn

6/27/85

ACTION TAKEN

SIGNATURE

TITLE

DATE



DEPARTMENT OF THE ARMY
US ARMY MEDICAL DEPARTMENT ACTIVITY
Fort Knox, Kentucky 40121

HSXM-CD

17 May 1985

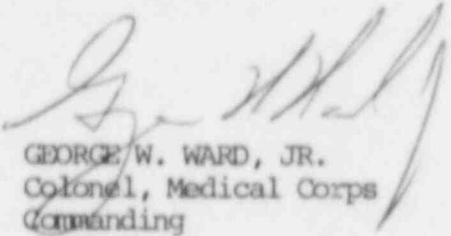
SUBJECT: Letter of Transmittal Amendment No. 27 to NRC License No. 16-03657-01

THRU: Commander
U.S. Army Health Services Command
ATTN: HSCL-P
Fort Sam Houston, Texas 78234-6000

TO: Office of the Surgeon General
ATTN: DASG-PSP-E
Washington, DC 20310

1. Request the processing of the enclosed NRC License Amendment request for NRC License Number 16-03657-01, USA MEDDAC, Fort Knox, Kentucky.
2. This amendment incorporates a new Radioimmunoassay work area into the license.

Encl


GEORGE W. WARD, JR.
Colonel, Medical Corps
Commanding