U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 63

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 December 8, 2008,
1. Department of the Army USA MEDDAC (Ireland Army Community Hospital)	3. License number 16-03657-01 is amended in its entirety to read as follows:
2. Building 851, Ireland Loop Road Fort Knox, Kentucky 40121-5520	4. Expiration date March 31, 2015
	5. Docket No. 030-01748 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 permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Iodine 131 permitted by 10 CFR 35.300	C. Any	C. 1500 millicuries
D. Any byproduct material permitted by 10 CFR 35.500	D. Sealed Sources (North American Scientific Model MED 3601; DuPont Merck NES-8412; Isotope Products Laboratories, Inc. Model A3410)	D. 300 millicuries per source and 1500 millicuries total
E. Any Byproduct material permitted by 10 CFR 31.11	E. Prepackaged Kits	E. 5 millicuries

9. Authorized use:

A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
B. Any imaging and localization study permitted by 10 CFR 35.200.
C. Any iodine-131 study or procedure permitted by 10 CFR 35.300.
D. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).
E. In vitro studies.

CONDITIONS

MATERIALS LICENSE SUPPLEMENTARY SHEET

License Number
16-03657-01

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10. Licensed material may be used or stored only at the licensee's facilities located at USA MEDDAC (Ireland Army Community Hospital), Buildings 851 and 1070, Ireland Loop Road, Fort Knox, Kentucky.

11. The Radiation Safety Officer for this license is 1LT Sarah M. Sublett.

12. Licensed material is only authorized for use by, or under the supervision of:

    A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.

    B. The following individuals are authorized users for medical use as indicated:

Authorized Users	Material and Use
MAJ Thomas P. Eberle, Jr., M.D.	35.100; 35.200; In vitro studies
LTC Kevin C. Reilly, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction; 35.500; In vitro studies
Michael Oliff, M.D.	35.100; 35.200; 35.300; 35.500; In vitro studies
Stewart M. Couch, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131; 35.500; In vitro studies
Herbert J. Haynes, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131; 35.500; In vitro studies
Jesse Bryant, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131; 35.500; In vitro studies
Michael M. Tate, M.D.	35.100; 35.200; 35.300; 35.500; In vitro studies
CPT Eva M. Smietana, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-13135.500; In vitro studies

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

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

15. 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. 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 November 9, 2004 [ML050110347]
    B. Letter dated January 24, 2005 [ML050380053]

For the U.S. Nuclear Regulatory Commission

Date February 11, 2009

By ***Original signed by Tara L. Weidner***

Tara L. Weidner
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406