

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, 37, 39, 40, 70 and 71, 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 U.S. Army Public Health Center MCHB-QSR-RPO 2. Building 5158 8252 Blackhawk Road Aberdeen Proving Ground, MD 21010-5403		In accordance with the letter dated February 06, 2018, 3. License number: SMB-707 is amended in its entirety to read as follows:	4. Expiration Date: November 30, 2024
			5. Docket No.: 040-07008 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	9. Authorized use
A. Uranium (Natural)	A. Any	A. 50 kilograms total	A. Laboratory sample analyses
B. Uranium- depleted in Uranium-235	B. Any	B. 230 kilograms total	B. Laboratory sample analyses
C. Thorium	C. Any	C. 25 kilograms total	C. Laboratory sample analyses
D. Uranium-232	D. Any	D. 2 grams total	D. For use as calibration and/or reference standards or laboratory sample analyses.
E. Uranium-234	E. Any	E. 2 grams total	E. For use as calibration and/or reference standards or laboratory sample analyses.
F. Uranium-236	F. Any	F. 2 grams total	F. For use as calibration and/or reference standards or laboratory sample analyses.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
SMB-707

Amendment No. 31

Docket or Reference Number
040-07008

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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 | 9. Authorized use |
| G. Uranium-238 | G. Any | G. 2 grams total | G. For use as calibration and/or reference standards or laboratory sample analyses. |

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Building E2100, 8988 Willoughby Road, Aberdeen Proving Ground-South, Aberdeen Proving Ground Maryland; Building B5111, 6634 Pistol Road, Aberdeen Proving Ground-North, Aberdeen Proving Ground, Maryland; and may be used at temporary job sites of the licensee anywhere in the United States.
11. A. Licensed material shall only be used by, or under the supervision of, individuals designated, in writing, by the licensee's Radiation Management Committee. The licensee shall maintain records of individuals designated as users for 3 years after the individual's last use of licensed material.
12. The licensee shall not use the licensed material in or on humans.
13. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license.
14. Radioactive waste processed under this license shall be stored in accordance with the statements, representations, and procedures included with the licensee's waste storage plan described in the application dated June 13, 2014.

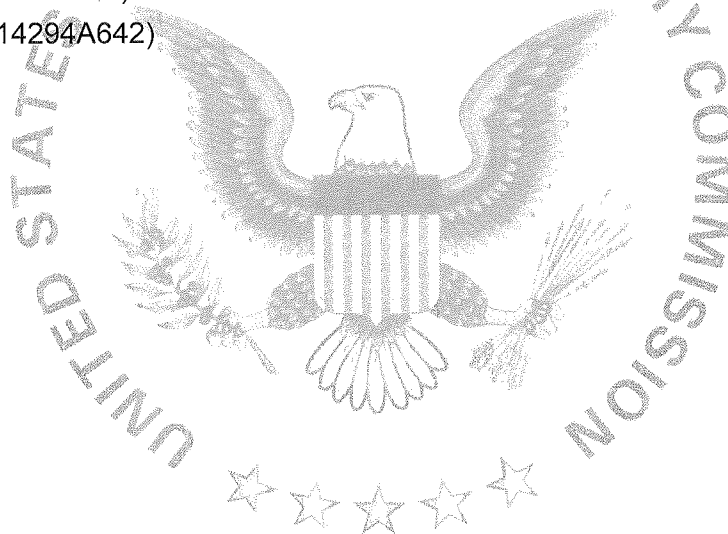
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15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. 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.

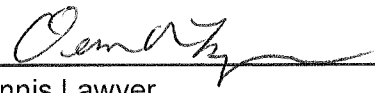
- A. Letter dated June 13, 2014 (ML14177A483)
- B. Letter dated October 7, 2014 (ML14294A642)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: February 28, 2018

By: _____


Dennis Lawyer
Region 1