

**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.

<b>Licensee</b>  1. Department of the Army Commander, U.S. Army White Sands Missile Range  2. 100 Headquarters Avenue ATTN: TEWS-TDO (Radiation Safety Officer) White Sands Missile Range, NM 88002-5000		In accordance with application dated November 15, 2022; and letter dated November 15, 2022,  3. License No.: SUB-734 is amended in its entirety to read as follows:	4. Expiration Date: February 29, 2024
			5. Docket No.: 040-07086 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- depleted in Uranium-235	A. Foils	A. 200 kilograms (432 millicuries) total in solid metal and foils	A. For non-dispersible use in simulated studies of reactor components; linear accelerator targets for electron scattering and Bremsstrahlung; as target material for neutron flux and dosimetry studies; and as check sources for checking the operability of portable radiac survey meters.
B. Uranium- depleted in Uranium-235	B. Foils	B. 0.5 kilograms (1.08 millicuries) total	B. For dispersible use as target material for neutron flux and dosimetry studies.
C. Thorium	C. Foils	C. 0.5 kilograms (0.05 millicuries) total	C. For dispersible use as target material for neutron flux and dosimetry studies.
D. Thorium	D. Foils	D. 99.5 kilograms (10.9 millicuries) total	D. For non-dispersible use as target material for neutron flux and dosimetry studies.

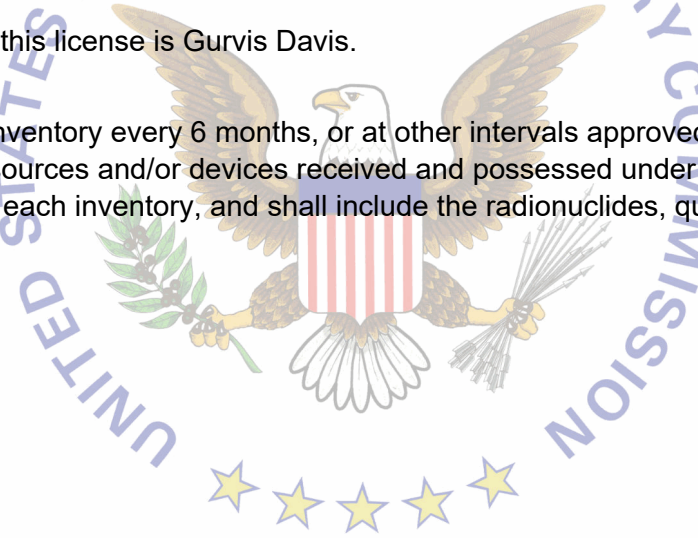
**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.: SUB-734

Amendment No. 17

Docket or Reference No.:  
040-07086**CONDITIONS**

10. Licensed material shall be used or stored only at the licensee's facilities located at White Sands Missile Range, White Sands Missile Range, New Mexico, 88002.
11. Licensed material shall be used by, or under the supervision of, Gurvis Davis, Michael Hart, Ken Kawabata, or Mary Donahue.
12. The Radiation Safety Officer (RSO) for this license is Gurvis Davis.
13. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.



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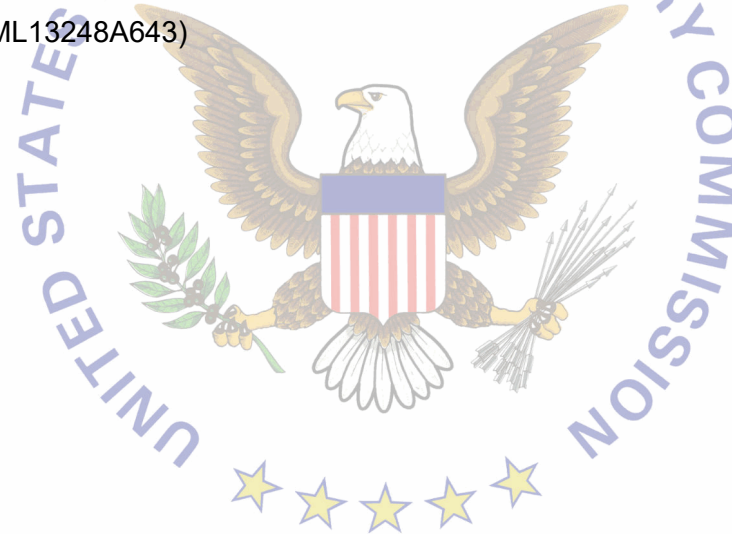
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14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license 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. Application dated June 12, 2013 (ML13248A643)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: December 30, 2022By: \_\_\_\_\_  
Roberto J. Torres  
Region IV