

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 10

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, 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 style="text-align: center;">Licensee</p> <p>1. Department of the Army Commander, U.S. Army TACOM Life Cycle Management Command (LCMC)</p> <p>2. ATTN: AMSTA-CS-CZ (MS 485) 6501 East Eleven Mile Road Warren, MI 48397-5000</p>	<p>In accordance with letter dated April 12, 2016,</p> <p>3. License number SUB-1536 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date August 31, 2017</p> <hr/> <p>5. Docket No. 040-08994 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Depleted uranium</p> <p>B. Transuranics and technetium-99 contaminants in depleted uranium</p>	<p>7. Chemical and/or physical form</p> <p>A. Metal encased in stainless steel</p> <p>B. Contained in depleted uranium metal encased in stainless steel</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. Not to exceed a total of 100 picocuries per gram of each transuranic and not to exceed 500 picocuries per gram total for all transuranics. Not to exceed 500 picocuries per gram of technetium-99</p>

9. Authorized Use:

A. and B. For use (excluding repair or maintenance) and storage of tank turrets and hulls as depleted uranium armor components of Abrams M1 Series tanks.

CONDITIONS

- 10. Licensed material may be used or stored at U.S. Department of Defense installations; DOD contractor facilities and operations, excluding General Dynamics and its subcontractors, approved of by the licensee Radiation Safety Officer (RSO); and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
- 11. Licensed material shall be used by, or under the supervision of, Karen Lapajenko McGuire.
- 12. The Radiation Safety Officer for this license is Karen Lapajenko McGuire.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

SUB-1536

Docket or Reference Number

040-08994

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13. The licensee shall conduct a running physical inventory as described in letter dated February 22, 2006, to account for all sources and/or devices received and possessed under the license.
14. The licensee shall maintain records of information important to safe and effective decommissioning at U.S. Army Tank – Automotive Command (TACOM), Warren, Michigan, per the provisions of 10 CFR Part 40.36(f) until this license is terminated by the Commission.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. 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 40.36(b) for establishing financial assurance for decommissioning.
17. 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 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 February 22, 2006 (with enclosed application) (ML060590665)
 - B. Letter dated **April 12, 2016** (ML16106A315)

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUL 07 2016By Cassandra F. Frazier
Materials Licensing Branch
Region III