

U.S. NUCLEAR REGULATORY COMMISSION

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.

<p style="text-align: center;">Licensee</p> <p>1. Department of the Army U.S. Army Aberdeen Test Center</p> <p>2. 400 Colleran Road Aberdeen Proving Ground, Maryland 21005-5059</p>	<p>In accordance with the application dated January 26, 2015,</p> <p>3. License number SUB-834 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date February 28, 2019</p> <hr/> <p>5. Docket No. 04007354 Reference No.</p>
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Natural Uranium</p> <p>B. Depleted Uranium</p> <p>C. Thorium 232</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Metal Alloy</p> <p>C. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 5 kilograms</p> <p>B. 500,000 kilograms</p> <p>C. 5 kilograms</p> |
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9. Authorized use:
- A. through C. For use in munitions, projectiles, and other components; as armor and shielding material; as simulator of special nuclear devices; and in testing of various components including the routine test firing of ammunition into an enclosed facility against conventional armor and/or armor incorporating depleted uranium; testing firing of depleted uranium ammunition for accuracy against "soft targets"; and for processes which may be used in the disassembly of targets, structures, or vehicles that contain or are contaminated with depleted uranium; and as waste from U.S. Army tenants located at Aberdeen Proving Ground.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Aberdeen Proving Ground, Maryland.
11. A. Licensed material shall only be used by, or under the supervision of, individuals designated, in writing, by the Radiation Safety Committee. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
- B. The Radiation Safety Officer for this license is Jeremy Ford.
12. The licensee shall not use licensed material in or on human beings.

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SUPPLEMENTARY SHEET**License Number
SUB-834Docket or Reference Number
04007354

Amendment No. 36

13. The total amount of depleted uranium contained in spent munitions which may remain in the Outdoor Target Area under the authorization of this license shall not exceed 200,000 kilograms. Records of inventory of material fired into and retrieved from the Outdoor Target Area shall be maintained.
14. The licensee shall not conduct destructive tests involving source material such that airborne radioactivity would be released to unrestricted areas as defined in 10 CFR 20.1003.
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. 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. Application dated August 27, 2008 (ML082600638)
 - B. Letter dated October 28, 2008 (ML083090767)
 - C. Letter dated December 15, 2008 (ML090510146)
 - D. Letter dated October 12, 2010 (ML103130519)
 - E. Application dated October 27, 2014 (ML14310A595)
 - F. Application dated January 26, 2015 (ML15043A140)

For the U.S. Nuclear Regulatory Commission

Date April 2, 2015

By

Original signed by Elizabeth UllrichElizabeth Ullrich
Commercial, Industrial, R&D and Academic Branch
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