

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>Licensee</p> <p>1. Department of the Army Armament Research, Development and Engineering Center (ARDEC) 2. Attn: RDAR-D Building 93 Picatinny Arsenal, New Jersey 07806-5000</p>	<p>In accordance with the letter dated February 18, 2016,</p> <p>3. License number SUB-348 is amended in its entirety to read as follows:</p> <p>4. Expiration date November 30, 2021</p> <p>5. Docket No. 040-06377 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Depleted Uranium B. Natural Uranium C. Thorium</p>	<p>7. Chemical and/or physical form</p> <p>A. Any B. Any C. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 11,000 kilograms B. 100 kilograms C. 20 kilograms</p>
<p>9. Authorized use:</p> <p>A. through C. Research and development as defined in 10 CFR 30.4.</p>		

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Picatinny Arsenal, New Jersey.
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 Malgorzata Kouretas.
12. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

SUB-348

Docket or Reference Number

040-06377

Amendment No. 32

13. 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 June 22, 2011 (ML111800468)
B. Letter dated October 19, 2011 (ML112930069)



For the U.S. Nuclear Regulatory Commission

Date March 29, 2016

By

Original signed by Michael Reichard

Michael Reichard
Commercial, Industrial, R&D and Academic Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406