

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 Armament Research, Development and Engineering Center</p> <p>2. Picatinny Arsenal, New Jersey 07806-5000</p>	<p>In accordance with the letter dated November 29, 1999,</p> <p>3. License number SUB-348 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date May 31, 2001</p> <hr/> <p>5. Docket No. 040-06377 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p>	<p>7. Chemical and/or physical form</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p>
<p>A. Depleted Uranium</p>	<p>A. Any</p>	<p>A. 11,000 kilograms</p>
<p>B. Natural Uranium</p>	<p>B. Any</p>	<p>B. 100 kilograms</p>
<p>C. Thorium</p>	<p>C. Any</p>	<p>C. 20 kilograms</p>

9. Authorized use:

A. through C. Research and development as defined in 10 CFR 30.4.

CONDITIONS

- 10. Licensed material shall be used only at U.S. Army Armament Research, Development, and Engineering Center, Picatinny Arsenal, New Jersey.
- 11. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Ionizing Radiation Control Committee, Oscar T. Perry, Chairman.

B. The Radiation Safety Officer for this license is Richard Fliszar.
- 12. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

SUB-348

Docket or Reference Number

040-06377

Amendment No. 23

13. The licensee may use the following Derived Concentration Guideline Level (DCGL) for decommissioning of soil at the licensee's facilities at the Building 611B site, Picatinny Arsenal, New Jersey, with the intention of release of the grounds around the facility for unrestricted use: not more than 186 picocuries of depleted uranium per gram of soil (pCi/g).
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. The 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 September 13, 1990
 - B. Letter dated March 22, 1991
 - C. Letter dated March 6, 1991
 - D. Letter dated May 26, 1993
 - E. Letter dated April 6, 1994
 - F. Letter dated June 15, 1999
 - G. Letter dated November 29, 1999, with the "Decommissioning Plan for Buildings 611B, TACOM-ARDEC, Picatinny Arsenal, NJ"
 - H. Letter dated May 19, 2000, with enclosures
 - I. Letter dated September 5, 2000

For the U.S. Nuclear Regulatory Commission

Original signed by Elizabeth UllrichDate November 24, 2000

By _____

Elizabeth Ullrich
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
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