



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

October 16, 2002

Docket No. 04006377  
Control No. 131469

License No. SUB-348

Richard W. Fliszar  
Health Physics Manager  
Department of the Army  
U. S. Army Tank-Automotive and Armaments Command  
Armament Research, Development and Engineering Center  
Picatinny Arsenal, NJ 07806-5000

SUBJECT: DEPARTMENT OF THE ARMY, ISSUANCE OF LICENSE AMENDMENT,  
CONTROL NO. 131469

Dear Mr. Fliszar:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

In accordance with 10 CFR 2.790, a copy of this letter will be placed in the NRC Public Document Room and will be accessible from the NRC Web site at <http://www.nrc.gov/reading-rm.html>.

Thank you for your cooperation.

Sincerely,

***Original signed by Elizabeth Ullrich***

Betsy Ullrich  
Senior Health Physicist  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 26

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DATE	10/16/02	10/21/2002				

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**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 Tank-automotive &amp; Armaments Command, Armament Research, Development, and Engineering Center</p> <p>2. Picatinny Arsenal, New Jersey 07806-5000</p>	<p>In accordance with the letter dated May 9, 2002,</p> <p>3. License number SUB-348 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 2011</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>A. Depleted Uranium</p> <p>B. Natural Uranium</p> <p>C. Thorium</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 11,000 kilograms</p> <p>B. 100 kilograms</p> <p>C. 20 kilograms</p> |
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9. Authorized use:
- A. through C. Research and development as defined in 10 CFR 30.4.

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at Picatinny Arsenal, New Jersey.
11. Licensed material shall only be used by, or under the supervision of, individuals designated, in writing, by the Ionizing Radiation Control Committee.
12. The Radiation Safety Officer for this license is Richard W. Fliszar.
13. 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. 26

14. 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).
15. The licensee may use the following Derived Concentration Guideline Level (DCGL) for decommissioning of building surfaces at the licensee's facilities at the Building 611B site, Picatinny Arsenal, New Jersey, with the intention of release of Building 611B for unrestricted use: not more than 5,550 disintegrations per minute of depleted uranium per 100 centimeters-squared surface area (dpm/100 cm<sup>2</sup>) and providing that the removable fraction of residual contamination is less than 10 percent of the total residual contamination.
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. Letter dated November 29, 1999, with the "Decommissioning Plan for Buildings 611B, TACOM-ARDEC, Picatinny Arsenal, NJ"
  - B. Letter dated May 19, 2000, with enclosures
  - C. Application dated April 30, 2001
  - D. Letter dated June 22, 2001

For the U.S. Nuclear Regulatory Commission

***Original signed by John D. Kinneman***

Date October 21, 2002

By \_\_\_\_\_

John D. Kinneman, Chief  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406