

MATERIALS LICENSE

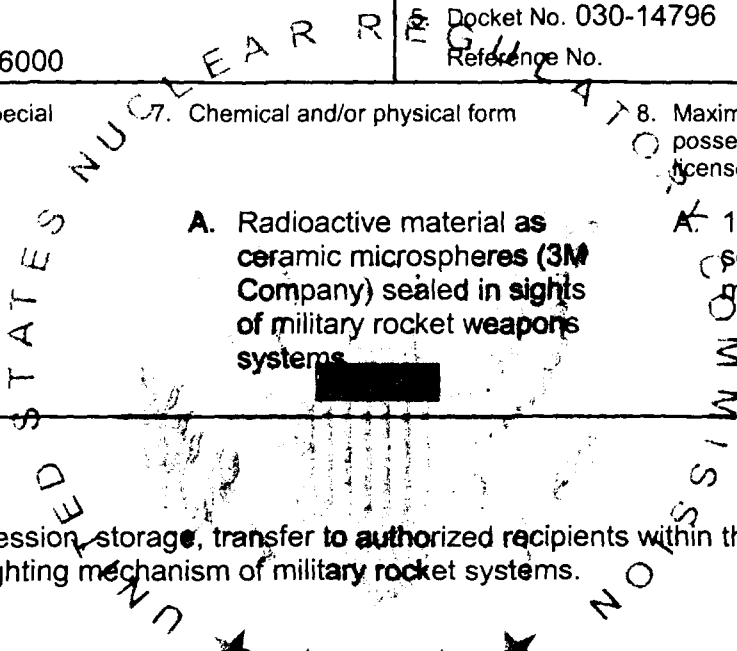
Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, 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.

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<p>Licensee</p> <p>1. Department of the Army Commander, US Army Joint Munitions Command</p> <p>2. Safety/Rad Waste Directorate (AMSJM-SF) 1 Rock Island Arsenal Rock Island, IL 61299-6000</p>	<p>In accordance with the application dated May 29, 2007,</p> <p>3. License number 12-00722-07 is renewed in its entirety to read as follows:</p> <p>4. Expiration date October 31, 2017</p> <p>5. Docket No. 030-14796 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Promethium-147</p>	<p>7. Chemical and/or physical form</p> <p>A. Radioactive material as ceramic microspheres (3M Company) sealed in sights of military rocket weapons systems</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 1,000 curies. (No single source to exceed 3 millicuries).</p>
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9. Authorized use:

A. For receipt, possession, storage, transfer to authorized recipients within the Department of Defense, and use in the sighting mechanism of military rocket systems.

CONDITIONS

- 10. Licensed material may be used anywhere in the United States.
- 11. Licensed material shall be used by, or under the supervision of, individuals who have completed the training outlined in application dated May 29, 2007, and have been appointed by the installation Radiation Protection Officers.
- 12. A. The Radiation Safety Officer for this license is Mr. Kelly W. Crooks.
B. The Alternate Radiation Safety Officer is Gary W. Buckrop.
- 13. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 14. The licensee shall develop appropriate emergency procedures as described in the "Emergency Procedures" Section of NUREG-1556, Volume 7.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
12-00722-07

Docket or Reference Number
030-14796

Amendment No. 29

15. 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 May 29, 2007.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 20 2007

By William P. Reichhold
William P. Reichhold
Materials Licensing Branch
Region III