

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 1, Parts 30, 31, 32, 33, 34, 35, 36, 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); and to import such byproduct and source material. 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. General Electric Company Re-entry and Environmental Systems Division</p> <p>2. 3198 Chestnut Street Philadelphia, Pa 19101</p>	<p><i>IAW application dated Jun 14, 1977 and July 26, 1977, license SUB-831 is amended in entirety to read</i></p> <p>3. License number <i>SUB-831.</i></p> <hr/> <p>4. Expiration date <i>May 31, 1978</i></p> <hr/> <p>5. Docket or Reference No. <i>040-07344</i></p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Uranium</p> <p>B. Thorium</p> <p>C. Uranium</p> <p>D. Thorium</p>	<p>7. Chemical and/or physical form</p> <p><i>A. Powder (Natural or depleted)</i></p> <p>B. Thoriated Tungsten Alloy <i>pre-fabricated</i></p> <p>C. Depleted uranium metal Alloy to Components.</p> <p>D. Natural Thorium powder</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 5 228 Kg</p> <p>B. 910 Kg</p> <p>C. 456 Kg</p> <p>D. 5 Kg.</p>
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9 A., B. Research and development and fabrication of Equipment for ^{transfer to} Department of Defense. ~~use.~~

C. ~~to~~ For use in Mass simulator tests for Department of Defense

D. Fabrication of castings for distribution to Research and development activities. (over)

For the U. S. Nuclear Regulatory Commission

Date 10/13/77

by _____
Division of Materials and Fuel Cycle
Facility Licensing
Washington, D C 20555

ghw Mail To Mc Fedden

D-134

10. Licensed materials shall be used only at the licensee facilities located at:

A. 3198 Chestnut Street, Philadelphia, Pa.

B. D and Luzerne Streets Philadelphia, Pa.

C. Morgan Town Test Facility, Elverson, Pa.

D. STE Building 100, Goddard Boulevard, King of Prussia, Pa.

E. CC + ~~B~~^F Building 9, Fifth Ave, King of Prussia, Pa.

except that: Mass simulator tests utilizing prefabricated depleted uranium ~~metal alloy~~ ~~and components~~ and possession the Testing ^{of and handling of} re-entry vehicles incident to launch may also be performed at Vandenberg Air Force Base California and Cape Canaveral Air Station, Fla.

11. (5)

12. (7) - ~~States~~ individuals designated by The licensee Licensing Radiation Advisory Group, Mr C. B. Chilton, ~~Manager~~ Chairman.

13. This license does not authorize the launch of licensed material.

14. (16) - applications dated Mar 9, 1973 and Jun 10, 1975; letters dated May 18, 1970 and May 7, 1973 and letters dated April 3, 1974, ~~at~~ May 30, 1974; Aug 6, 1976, Jun 14, 1977 and July 26, 1977 and signed by J.R. McFadden -