

**MATERIALS LICENSE**

Amendment No. 11

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, 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.

**Licensee**

1. General Electric Company  
Re-entry Systems Operations

2. 3198 Chestnut Street  
Philadelphia, Pennsylvania 19101

In accordance with application dated  
May 23, 1983

3. License number SUB-831 is amended

in its entirety to read as follows:

4. Expiration date May 31, 1989

5. Docket or  
Reference No. 040-07344

6. Byproduct, source, and/or  
special nuclear material

7. Chemical and/or physical  
form

8. Maximum amount that licensee  
may possess at any one time  
under this license

A. Uranium

A. Any form (natural or  
depleted in the U-235  
isotope)

A. 700 kilograms

B. Thorium

B. Any

B. 100 kilograms

9. Authorized use

A. and B. Research, development, and manufacturing programs related to missile and space programs.

**CONDITIONS**

10. Licensed material may be used at 3198 Chestnut Street, D and Luzerne Streets, 401 E. Hunting Park Avenue, Philadelphia, Pennsylvania; STC Building, Goddard Boulevard, King of Prussia, Pennsylvania; and at temporary job sites of the licensee anywhere in the United States where the U. S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.

11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions, and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."

12. Licensed material shall be used by, or under the supervision of, individuals designated by the Ionizing Radiation Advisory Group (IRAG), T. P. Handley, Chairman.

13. The licensee shall not use licensed material in or on human beings or in field applications where activity is released except as provided otherwise by specific condition of this license.

14. Licensed material shall not be used in or on human beings or in products distributed to the public.

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MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

SUB-831

Docket or Reference number

040-07344

Amendment No. 11

(Continued)

CONDITIONS

- 15. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."
- 16. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated May 23, 1983 and letter dated May 1, 1984. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

MAY 22 1984

Date \_\_\_\_\_

For the U.S. Nuclear Regulatory Commission  
Original Signed By  
Jenny M. Johansen

By \_\_\_\_\_  
Nuclear Materials and Safeguards Branch  
Region I  
King of Prussia, Pennsylvania 19406