

U.S. NUCLEAR REGULATORY COMMISSION
CERTIFICATE OF COMPLIANCE
For Radioactive Materials Packages

1.(a) Certificate Number	1.(b) Revision No.	1.(c) Package Identification No.	1.(d) Pages No.	1.(e) Total No. Pages
9045	2	USA/9045/B()	1	3

2. PREAMBLE

- 2.(a) This certificate is issued to satisfy Sections 173.393a, 173.394, 173.395, and 173.396 of the Department of Transportation Hazardous Materials Regulations (49 CFR 170-189 and 14 CFR 103) and Sections 146-19-10a and 146-19-100 of the Department of Transportation Dangerous Cargoes Regulations (46 CFR 146-149), as amended.
- 2.(b) The packaging and contents described in item 5 below, meets the safety standards set forth in Subpart C of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Materials for Transport and Transportation of Radioactive Material Under Certain Conditions."
- 2.(c) This certificate does not relieve the consignor from compliance with any requirement of the regulations of the U.S. Department of Transportation or other applicable regulatory agencies, including the government of any country through or into which the package will be transported.

3. This certificate is issued on the basis of a safety analysis report of the package design or application—

3.(a) Prepared by (Name and address): General Electric Company P. O. Box 460 Pleasanton, CA 94566	3.(b) Title and identification of report or application: General Electric Company application dated April 21, 1980, as supplemented.
	3.(c) Docket No. 71-9045

4. CONDITIONS

This certificate is conditional upon the fulfilling of the requirements of Subpart D of 10 CFR 71, as applicable, and the conditions specified in item 5 below.

5. Description of Packaging and Authorized Contents, Model Number, Fissile Class, Other Conditions, and References:

(a) Packaging

- (1) Model No.: GE-1000
- (2) Description

Steel encased lead shielded shipping cask. A double-walled steel cylinder protective jacket encloses the cask during transport. It is bolted to a steel pellet. The cask is closed by a lead-filled flanged plug fitted with a silicone rubber gasket and bolted closure. The physical description is as follows:

Cask height, in	28.5
Cask diameter, in	21.75
Cavity height, in	9.5
Cavity diameter, in	1.75
Lead shielding, in	8.75
Protective jacket height, in	38.25
Protective jacket width, in	33.75
Packaging weight, lbs	5,200

8008190 188

(3) Drawings

The packaging is constructed in accordance with the following General Electric Company Drawing Nos.:

161F478, Rev. 2
106D3879, Rev. 2
161F479, Rev. 2
106D3880, Rev. 2

(b) Contents

(1) Type and form of material

(i) Byproduct material meeting special form requirements of 10 CFR §71.4(o); or

(ii) Solid metal non-fissile irradiated metal hardware.

(2) Maximum quantity of material per package.

Radioactive decay heat not to exceed 250 watts.

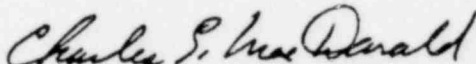
6. Shoring shall be provided to minimize movement of contents during accident conditions of transport.
7. Package contents shall be delivered to a carrier dry.
8. Prior to each shipment the silicon rubber lid gasket shall be inspected. The silicon rubber gasket shall be replaced if inspection shows any defects or every twelve (12) months, whichever occurs first.
9. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12(b).
10. Expiration date: July 31, 1985.

REFERENCES

General Electric Company application dated April 21, 1980.

Supplements dated: November 19 (Exhibit A), 1968; and February 20 and 27, 1969.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION


Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and
Material Safety

Date: AUG 01 1980