

CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIALS PACKAGES

1. CERTIFICATE NUMBER	2. REVISION NUMBER	3. PACKAGE IDENTIFICATION NUMBER	4. PAGE NUMBER	5. TOTAL NUMBER PAGES
4909	9	USA/4909/AF	1	3

2. PREAMBLE

a. This certificate is issued to certify that the packaging and contents described in item 5 below, meets the applicable safety standards set forth in Title 10, Code of Federal Regulations, Part 71, "Packaging and Transportation of Radioactive Material."

b. 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

A. ISSUED TO (Name and Address)	B. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION
General Electric Company P.O. Box 780 Wilmington, NC 28401	General Electric Company application dated November 19, 1982, as supplemented.

6. DOCKET NUMBER 71-4909

4. CONDITIONS
This certificate is conditional upon fulfilling the requirements of 10 CFR Part 71, as applicable, and the conditions specified below

- 5.
- (a) Packaging
 - (1) Model No.: GE-21PF-1 and W-21PF-1
 - (2) Description

Packaging as described and constructed in accordance with DOT Specification 21PF-1 except as shown in General Electric Company Drawing No. 769E237 (GE-21PF-1) - Sheet Nos. 1 and 2, Rev. 4; or Westinghouse Electric Corporation Drawing No. 360F05EQ01 (W-21PF-1) - Sheet Nos. 1 through 4, Rev. 13. In addition, the length of the 8" x 2.5" tie-down support channel may be from 43 to 55 inches long and vent holes in the exterior shell may be sealed with plastic plugs. Maximum gross weight of the package is 8,600 pounds.
 - (b) Contents
 - (1) Type and form of material

Uranium hexafluoride enriched in U-235 isotope.
 - (2) Maximum quantity of material per package and fissile class

5,020 pounds UF₆ enriched to not more than 5 w/o in the U-235 isotope.
 - (c) Fissile Class

Minimum transport index	11
	5.0

6. In addition to the requirements of Subpart G of 10 CFR Part 71:

- (a) Prior to each shipment, the overpack gaskets must be inspected. These gaskets must be replaced if inspection shows any defects or every 12 months, whichever occurs first.

6. (b) (Continued)

- (b) Each packaging must meet the Acceptance Tests and Maintenance Program of:

Model No. GE-21PF-1

Sections II and III of General Electric Company supplement dated October 21, 1987.

Model No. W-21PF-1

Sections 3.0 and 5.0 of Westinghouse Electric Corporation supplement dated January 22, 1988.

- (c) The package shall be prepared for shipment and operated in accordance with the Operating Procedures of:

Model No. GE-21PF-1

Section I of General Electric Company supplement dated October 21, 1987.

Model No. W-21PF-1

Section 5.0 of Westinghouse Electric Corporation supplement dated January 22, 1988.

7. The following conditions apply to the Model No. GE-21PF-1 packaging:

- (i) For packagings which are not seal welded, the joints between the inner and outer shells (ends) and the side (end) panel moldings must be silicone sealed. The inner and outer overpack gaskets must cover side (end) panel molding joints (unless seal welded). Except for joints covered by a glued down gasket, visually inspect all silicone sealed joints and maintain in good repair prior to each shipment or outside storage (loaded or empty).
- (ii) Prior to June 30, 1985, all body seams and joints for the inner and outer shells (ends) and the side (end) panel moldings must be continuous welds. Welding must be by a fusion process in accordance with the American Welding Society Code or American Society of Mechanical Engineers' Code.

8. The packages authorized by this certificate are hereby approved for use under the general license provisions of 10 CFR §71.12.

9. Expiration date: February 28, 1993.

REFERENCES

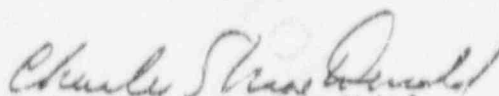
General Electric Company application dated November 19, 1982.

Supplements dated: September 23, 1983; February 15 and May 22, 1984; October 21, 1987; and November 14, 1990.

Westinghouse Electric Corporation supplements dated: January 22 and February 18, 1988.

Nuclear Containers, Incorporated supplement dated: August 22, 1986.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION


Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards
and Transportation, NMSS

Date: DEC 19 1990



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

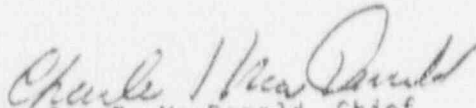
APPROVAL RECORD
Model No. GE-21PF-1
Certificate of Compliance No. 4909
Revision 9

By application dated November 14, 1990, General Electric Company's Nuclear Fuel and Components Manufacturing (NF & CM) requested an amendment to Certificate of Compliance No. 4909, for the Model GE-21PF-1 package. The request was to incorporate welding requirements that are consistent with the Certificate of Compliance condition number 7(ii) into GE license drawing number 769E237, Sheets 1 and 2.

On drawing number 769E237, Sheet 1, Note No. 7 was revised to include the requirements of weld and welder qualification and Note No. 12 was deleted because it no longer applies.

The welded joints callout on drawing number 769E237, Sheet 2, was revised to show a continuous weld and make reference to Note No. 7 which identifies the weld and welder qualification.

The amendment will not affect the ability of the Model GE-21PF-1 packaging to meet the requirements of 10 CFR Part 71.


Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards
and Transportation, NMSS

Date: DEC 19 1990