

**CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIAL PACKAGES**

1	a CERTIFICATE NUMBER	b REVISION NUMBER	c DOCKET NUMBER	d PACKAGE IDENTIFICATION NUMBER	PAGE	PAGES
	9285	3	71-9285	USA/9285/AF-85	1 OF	2

2. PREAMBLE

- a. This certificate is issued to certify that the package (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

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| a. ISSUED TO (<i>Name and Address</i>)
Global Nuclear Fuel - Americas, L.L.C.
Mail Code K-84
3901 Castle Hayne Road
Wilmington, NC 28401 | b. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION
General Electric Company application dated
August 4, 1998, as supplemented. |
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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.: SRP-1
- (2) Description

A steel drum for the transport of solid uranium contaminated residues. The packaging is a 55-gallon, open-head steel drum with a minimum 18-gauge shell and bottom head, and a minimum 16-gauge closure lid. The lid is closed by a 12-gauge bolted locking ring with drop forged lugs, one of which is threaded, having a 5/8 inch bolt and nut. The closure includes a gasket. The gross weight of the package, including the maximum weight of contents, is 825 pounds.

(3) Drawings

The packaging is constructed and assembled in accordance with General Electric Company Drawing No. 0025E98, Rev. 1.

(b) Contents

- (1) Type and form of material

Uranium-contaminated solid residues.

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5. (b) Contents (Continued)

- (2) Maximum quantity of material per package: 775 pounds.
The maximum uranium enrichment is 5.0 weight percent U-235. The maximum fissile mass is 104 grams U-235 per package, and the maximum average fissile mass density in the package is 0.5 gram U-235 per liter. In addition, the uranium may not exceed 0.05 weight percent U-234 and 0.025 weight percent U-236.

(c) Criticality Safety Index (CSI): 0.6

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

- (a) The package must be prepared for shipment and operated in accordance with the Operating Procedures in Section 7 of the application.
- (b) Each packaging must be acceptance tested in accordance with the Acceptance Tests in Section 8 of the application.

7. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.17.

8. Air transport of fissile material is not authorized.

9. Revision No. 2 of this certificate may be used until October 31, 2009.

10. Expiration date: October 31, 2013.

REFERENCES

General Electric Company application dated August 4, 1998.

Supplements dated: October 2, 1998; October 14, 1999; August 6, 2003; and October 8, 2008.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION



Eric J. Benner, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Date: Oct 24, 2008



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION REPORT
Model No. SRP-1 Package
Certificate of Compliance No. 9285
Revision No. 3

SUMMARY

By application dated October 8, 2008, Global Nuclear Fuel –Americas, L.L.C., submitted a renewal request for the Model No. SRP-1 package. Global Nuclear Fuel – Americas, L.L.C., did not request any changes to the package design or its contents. The certificate has been revised for a term expiring on October 31, 2013.

EVALUATION

Global Nuclear Fuel – Americas, L.L.C., requested a renewal of Certificate of Compliance No. 9285 for the Model No. SRP-1 package by application dated October 8, 2008. The applicant did not request any design changes to the package. The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete.

Changes to Certificate of Compliance

The following changes are included in Revision 3 to Certificate of Compliance No. 9285:

Item No. 3(a) was updated with the new street address of the certificate holder.

Condition No. 7 was revised to reflect the change in the section numbers of the general license requirements as set forth in the Part 71 rule that became effective October 1, 2004.

Condition No. 8 in Revision No. 2 of the certificate relative to the expiration date of the certificate was replaced by a new Condition No. 8 to clarify that the package has not been evaluated under the provisions of 10 CFR 71.55(f) that became effective October 1, 2004, and that transport by air of fissile material is not authorized.

A new Condition No. 9 was added to authorize use of the previous revision of the certificate for a period of approximately one year.

A new Condition No. 10 was added with an expiration date of the certificate of October 31, 2013.

The October 8, 2008, submittal was included in the References section.

CONCLUSION

The certificate has been renewed for a five year term that expires on October 31, 2013. This change does not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9285, Revision No. 3,
on October 24, 2008.