

**CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIAL PACKAGES**

1.	a. CERTIFICATE NUMBER	b. REVISION NUMBER	c. DOCKET NUMBER	d. PACKAGE IDENTIFICATION NUMBER	PAGE	PAGES
	6703	7	71-6703	USA/6703/B()	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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| <p>a. ISSUED TO (<i>Name and Address</i>)</p> <p>General Atomics
3550 General Atomics Court
San Diego, CA 92121-1122</p> | <p>b. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION</p> <p>General Atomic Company application dated
December 16, 1974, as supplemented.</p> |
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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.: RG-1

(2) Description

The package, a thermoelectric generator, is 18 inches high and has a base diameter of 14 inches. The components include the main housing, uranium and tungsten shield, housing flange, electrical connector and lifting lugs. A notch at the base provides the tie-down flange. The 1.75-inch thick cover flange is bolted to the housing by 16 or 20 steel bolts depending on the generator configuration. The electrical receptacle is bolted to the cover flange with an O-ring being provided between the interfaces and on the lateral surface of the feed plug. The lifting lug is threaded into the cover flange and is removable if necessary for an operational installation. Package weight is approximately 800 pounds.

(3) Drawings:

The packaging is constructed in accordance with the detailed drawings listed on Gulf General Atomics Generator Assembly Drawing Nos.: D346-3000, Rev. K, and J346-3000, Rev. K.

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5. (b) Contents

(1) Type and form of material

Strontium-90 titanate doubly encapsulated in a Type 304L stainless steel liner and Hastelloy C capsule.

(2) Maximum quantity of material per package

8,300 curies.

6. In addition to the requirements of Subpart G of 10 CFR Part 71, the package must be prepared for shipment in accordance with the supplement dated February 26, 2004.
7. This certificate authorizes a one-time shipment from General Atomics Company site, San Diego, California, to the Los Alamos National Laboratory, Los Alamos, New Mexico, and additional shipments by the U.S. Department of Energy as needed for storage, disposition, and disposal.
8. This approval is limited to two packages (Serial Nos. -001 and -002).
9. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR 71.17.
10. Expiration date: September 30, 2008. This certificate is not renewable.

REFERENCES

General Atomic Company application dated December 16, 1974.

Supplements dated February 26, 2004; and January 31, 2005.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Robert J. Lewis, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Date 03/24/05