Form NRC-618
(12-73)
10 CFR 71

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
5071	2	USA/5071/B ( )	1	2

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)*:

Department of the Navy
Naval Support Force Antartica
FPO San Francisco, CA 96601

3.(b) Title and identification of report or application:

Aerojet-General Corporation application dated May 29, 1968, as supplemented.

3.(c) Docket No. 71-5071

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.: URIPS-P-1

(2) Description

A theremoelectric generator 13.7 inches in diameter by 19.7 inches long packaged in a rectangular wooden box having overall dimensions of 28.5 inches by 28.5 inches by 35.5 inches with 4-inch thick wooden walls. Major components of the generator consist of an outer stainless steel main housing, flange, and end cup; lead shielding; stainless steel pressure vessel; Min-k insulation; shield plug; electrical connections; and the heat source. Total weight of the package is 1,425 pounds.

(3) Drawing

The packaging is constructed in accordance with Aerojet-General Corporation Drawing No. 415235.

5 (b) Contents

(1) Type and form of material

Strontium 90 titanate pellets doubly encapsulated by a thin inner liner and a 0.2-inch thick Hastelloy-C primary containment capsule which meets the requirements of special form as defined in 10 CFR §71.4(o).

(2) Maximum quantity of material per package

7,200 Ci

6. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12(b).

7. Expiration date: July 31, 1985.

REFERENCES

Aerojet-General Corporation application dated May 29, 1968.

Supplements dated: July 6 and 22 and September 17 and 23, 1968.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

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

Date: Jul 31 1980