

PDR 71-9019

GENERAL ELECTRIC

NUCLEAR ENERGY
PRODUCTS DIVISION

WILMINGTON MANUFACTURING
DEPARTMENT

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October 6, 1980

Director
Office of Nuclear Material Safety & Safeguards
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. C. E. MacDonald, Chief
Transportation Certification Branch

Dear Sir:

Reference: Docket #71-9019

Subject: Modification 1 to Application Amendment T-16,
Revision to NRC Certificate of Compliance USA/9019/B()F

General Electric Company hereby encloses the requested revisions to pages in the 7/25/80 application for the subject certificate for the GE BU-7 transport package.

The changes made to the drawing 112D1592 on Page 6-2 of the original application are as follows:

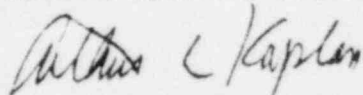
- 1) Change the reference to the required density on the package drawing (Page 6-2) from "(9.5 lbs per cubic foot)" to "(7-9 lbs per cubic foot)".
- 2) Replace "... per USAEC Spec. S8-9" with "The fire resistant phenolic foam shall be in accordance with AEC Materials & Equipment Specification 9 or as modified by ORGDP Reports K/TL-729 and K/P-657S."
- 3) Change "16 gauge cover ..." to read "16 gauge cover with one corrugation near the periphery. 12 gauge closure ring with drop-forged lugs drilled for 5/8" diameter bolt and with one lug threaded to accept 5/8" diameter bolt."
- 4) Change "... equivalent drum ..." to read "... equivalent steel drum ..."
- 5) Add reference to vent holes.

In addition, references to the drawing 112D1592 on Pages 2-1 and 6-1 have been changed to refer to the latest revision number (Revision 1).

General Electric personnel would be pleased to discuss this matter further with you and your staff as you may deem necessary.

Very truly yours,

GENERAL ELECTRIC COMPANY



Arthur L. Kaplan, Manager
Licensing & Compliance Audits
M/C J26

11575

ALK:bmw
Attachments
TCD

8011060197



GENERAL  ELECTRIC

Director - ONMSS
October 6, 1980

MODIFICATION 1 TO APPLICATION FOR REVISION OF
NRC CERTIFICATE OF COMPLIANCE USA/9019/B()F
FOR THE BU-7 TRANSPORT PACKAGE

REVISED PAGES TO 7/25/80 APPLICATION

AL Kaplan
:bmw

2.0 PACKAGE DESCRIPTION

2.1 General

Inner containment is a nominal 16-gallon drum closed by a gasketed, bolted lid, centered and supported within an outer 55-gallon drum by solid insulating media, and containing two or more steel pails which contain UO₂. (See Drawing 112D1592, Revision 1, in Section 6.)

2.2 Gross Weight

320 pounds, maximum

2.3 Uranium Oxide Powder Container

One or more closed containers, 11.25" inside diameter fabricated of minimum 24-gauge steel, vertically stacked in each BU-7 unit.

2.4 BU-7 Inner Containment

A nominal 16-gallon, Uniform Freight Classification Rule 40 drum constructed of 18 gauge steel, modified by the welded attachment of a closure flange to accept a 3/16" thick steel lid which is gasketed for resistance to high temperature as shown in Drawing 112D1592, Revision 1, and attached by twelve 5/16" minimum steel bolts. The inside dimensions of the inner containment drum are 13 5/8" diameter by 26 5/8" high. The maximum hydrogen to uranium atomic ratio in the UO₂ fuel mixtures within the inner containment is 1.577 taking into account all sources of hydrogenous material mixed in with the UO₂.

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6.0

BU-7 TRANSPORT PACKAGE DRAWING

Specifications for the BU-7 transport package are shown on General Electric Drawing 112D1592, Revision

1.

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