

U.S. NUCLEAR REGULATORY COMMISSION
CERTIFICATE OF COMPLIANCE
For Radioactive Materials Packages

1.(a) Certificate Number 5754	1.(b) Revision No. 2	1.(c) Package Identification No. USA/5754/B()F	1.(d) Pages No. 1	1.(e) Total No. Pages 2
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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):

Nuclear Fuel Services, Inc.
P.O. Box 218
Erwin, TN 37650

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

Nuclear Fuel Services, Inc. application
dated November 11, 1966, as supplemented.

3.(c) Docket No. 71-5754

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.: RMG-172

(2) Description

The containment vessel is a 6-inch ID by 4-1/4-inch long Schedule 40 steel pipe with a flanged and gasketed top closure. The containment vessel is centered and supported in a 16-inch ID by 21-14-inch long steel drum of minimum 24 gauge thickness by top and bottom stool sections.

(3) Drawing

The container is constructed in accordance with Nuclear Fuel Services, Inc. Drawing No. RMG-172.

(b) Contents

(1) Type and form of material

Uranium metal or compounds which will withstand a temperature of 800°C without pressure generating decomposition. The uranium may be enriched to any degree in the U-235 isotope. The contents shall be contained within two, 750cc sealed metal cans.

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(2) Maximum quantity of material per package

Ten (10) kilograms U-235, provided the total weight of the contents does not exceed twenty (20) kilograms.

(c) Fissile Class

II

Minimum transport index to be shown on label

4.5

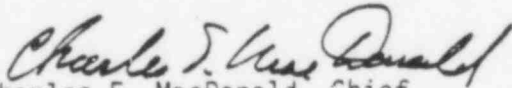
6. The top stool section shall be physically secured to maintain the internal spacing within the drum in the event the drum cover is lost.
7. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR §71.12(b).
8. Expiration date: September 30, 1984.

REFERENCES

Nuclear Fuel Services, Inc. application dated November 11, 1966.

Supplement dated: October 11, 1967.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION


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

SEP 11 1979
Date: _____

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