

**CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIALS PACKAGES**

1 a. CERTIFICATE NUMBER	b. REVISION NUMBER	c. PACKAGE IDENTIFICATION NUMBER	d. PAGE NUMBER	e. TOTAL NUMBER PAGES
6142	3	USA/6142/B()F	1	2

2. PREAMBLE

- This certificate is issued to certify that the 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."
- 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

a. ISSUED TO (Name and Address)

b. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION

U.S. Department of Energy
Division of Naval Reactors
Washington, DC 20585

Safety Analysis Report for Bettis Disposable
Waste shipping container dated September 30, 1969.

c. DOCKET NUMBER

71-6142

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.: Bettis Disposable Waste

(2) Description

The packaging consists of a disposable concrete vault enclosed in a reusable steel overpack. The concrete vault is a poured concrete block measuring 51" square by 49" high. The inner cavity is centered in the vault and may be one of two sizes: 15" square by 16" deep or 27" square by 28" deep. The smaller cavity is surrounded by 18" of structural concrete on the bottom and sides and by 15" on the top; the larger cavity is surrounded by 12" on the bottom and sides and by 9" on the top. The overpack is a weldment of 2-1/2" by 5" rectangular steel tubes to 1/2" steel plate and is sized and constructed to snugly enclose the concrete vault. The lid is similarly constructed and is secured to the overpack by a bolted and gasketed closure. The overall dimensions of the package are 64" by 64". The gross weight is approximately 16,000 pounds.

(3) Drawings

The packaging is constructed in accordance with Westinghouse Electric Corporation Drawing Nos. 945F976, Rev. 4; 930C940, Rev. 4 and 976C870, Rev. 3.

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(b) Contents

(1) Type and form of material

Byproduct and special nuclear material in the form of radioactive waste which has been packaged in smaller cans or pails or as unpackaged solid waste sealed in poured concrete.

(2) Maximum quantity of material per package

110 equivalent grams of U-235, where the number of equivalent grams of U-235 is determined by the equation: $1.0 \times \text{grams U-235} + 1.4 \times \text{grams U-233} + 1.6 \times \text{grams plutonium}$.

(c) Fissile Class

III

Maximum number of packages per shipment

2

6. Expiration date: December 31, 1992.

REFERENCE

Safety Analysis Report for Bettis Disposable Waste shipping container, WAPD-0(A0)-5029 dated September 30, 1969.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Charles E. MacDonald
Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards and
Transportation, NMSS

Date: DEC 22 1987

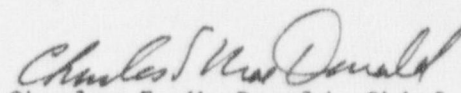


UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

Transportation Branch
Approval Record
Model No. Bettis Disposal Waste Package
Docket No. 71-6142
Revision No. 3

By application dated November 10, 1987 (G#87-3254), Division of Naval Reactors, U.S. Department of Energy, requested renewal of Certificate of Compliance No. 6142. No changes have been authorized to the package design since approval of the latest application dated September 30, 1969.

The certificate of compliance has been renewed for a five year term which expires December 31, 1992.


Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards and
Transportation, NMSS

Date: DEC 22 1987