

**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
5580	2	USA/5580/B()F	1	2

2. PREAMBLE

- a. 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 of Radioactive Materials for Transport and Transportation of Radioactive Material Under Certain Conditions."
- 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

a. PREPARED BY (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 S5W Power Unit shipping container dated August 9, 1968.

c. DOCKET NUMBER 71-5580

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.: S5W Power Unit
 - (2) Description

The S5W Power Unit shipping container (PUSC) is a container and support assembly designed to ship and store new naval reactor power units. The PUSC is comprised essentially of three major assemblies: (1) the outer frame, (2) the inner frame, and (3) the shipping container. During shipment, the shipping container is bolted to the inner frame in a horizontal position. Two trunnions welded to the middle section of the shipping container support the lower end of the container and also provide the means whereby the container can be rotated from the horizontal (shipping) attitude to the vertical (loading-unloading) attitude in the inner frame. The trunnions turn in trunnion bases which are bolted to the inner frame. The inner frame and shipping container are supported by the outer frame and pedestal through 80 elastic shock mounts, each of which is secured to both the inner frame and outer frame.

Approximate dimensions of the three major assemblies of the PUSC are:
Shipping Container: 95 inches diameter by 234 inches;
Inner Frame: 109 inches width by 52 inches height by 269 inches length;
Outer Frame: 121 inches width by 56 inches height by 236 inches length.
Maximum weight of the loaded PUSC is approximately 127,900 lbs.

71-5580

Distribution:
w/encl
Docket File
NRC PDR
IE HQ
State Health Official
Regions (5)
NMSS R/F
FCTC R/F

RETURN TO
A. Machlin
396-SS

August 29, 1983

To: Holders and Registered Users
of Certificate(s) of Compliance
for Radioactive Material Packages

Gentlemen:

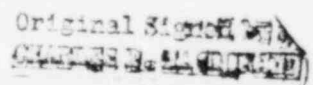
On August 5, 1983, the U.S. Nuclear Regulatory Commission published a final rule in the Federal Register for the packaging and transportation of radioactive material (10 CFR Part 71). Corrections to the final rule were published in the Federal Register on August 24, 1983. The revised regulations will be effective on September 6, 1983.

Enclosed are Certificate(s) of Compliance for Radioactive Material Packages for which you are currently a registered user under the general license provisions of 10 CFR 71.12 or 49 CFR 173.471. The certificate(s) have been revised to reflect changes made in 10 CFR Part 71. On September 6, 1983 or earlier if indicated by the date on the certificate, these Certificate(s) of Compliance supersede your current certificate(s) in their entirety.

Please note the conditions included in the certificate(s). Also note that Section 71.13 of 10 CFR Part 71 contains specific provisions for use and modification of previously approved Type B packages that have not been designated as either Type B(U) or B(M) in the NRC Certificate of Compliance.

If you desire to register for use of other package designs, you may do so pursuant to 10 CFR 71.12 or 49 CFR 173.471. Likewise, if you no longer desire to be a registered user of one or more package designs, please let me know.

Sincerely,

Original Signature


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

Enclosure(s): As stated

cc w/encls:
Mr. Richard R. Rawl
Department of Transportation

FCTC
CEMacDonald:alm
08/25/83

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