

SGTB:MGB
71-5908

JAN 7 1993

Nuclear Fuel Services, Inc.
ATTN: Mr. Andrew M. Maxin
P. O. Box 337, MS 123
Erwin, TN 37650

Dear Mr. Maxin:

This refers to your letter dated November 30, 1992, requesting renewal of Certificate of Compliance No. 5908 for the Model No. DOT-6M Type B package.

Certificate of Compliance No. 5908 has been terminated, and use of the package under the General License of Subpart C of 10 CFR Part 71, or under the provisions of 49 CFR §173.471, is no longer authorized. Babcock and Wilcox Company, the certificate holder, chose to replace the Model No. DOT-6M Type B package with a new package design, which is currently under NRC review. The certificate was extended on two occasions to provide a transition period to develop a replacement packaging.

If you wish to apply for a new certificate which authorizes use of the DOT-6M Type B package, you must submit an application which shows that the package design meets all the requirements of 10 CFR Part 71, including the containment provisions in 10 CFR §71.51, and the double containment provisions for plutonium in 10 CFR §71.63. The application should be whole and complete in itself and in the format of Regulatory 7.9. Include engineering drawings of the package design, a complete description of the contents and materials of construction, operating procedures, acceptance tests, and a maintenance program. Show that the materials of construction used for the containment vessels have adequate fracture toughness. Also, in the sections on operating procedures, acceptance tests, and a maintenance program, include the leak tests that will be performed on the package before first use, before each shipment, and annually.

If you have any questions regarding this matter, we would be pleased to meet with you and your staff.

Sincerely,

Original Signed By

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

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