



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

MAR 04 1980

United Nuclear Corporation  
ATTN: Mr. William F. Kirk  
67 Sandy Desert Road  
Uncasville, CT 06382

Gentlemen:

This refers to your application dated December 20, 1979, requesting an amendment for the Model No. UNC-2600 packaging.

In connection with our review, we need the information identified in the enclosure to this letter.

Please advise us within thirty (30) days from the date of this letter when this information will be provided. The additional information should be incorporated into a consolidated application without reference to previous submittals. If you have any questions regarding this matter, we will be pleased to meet with you and your staff.

Sincerely,

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

Enclosure: As stated

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United Nuclear Corporation  
Model No. UNC-2600 Packaging

Encl to ltr dtd: MAR 04 1980

1. The drawings provided in the submittal are not appropriate for incorporation into a Certificate of Compliance. Less detailed drawings are needed for this purpose. The drawings should be revised to consolidate the pertinent information onto a smaller number of sheets. The revised drawings should show the general arrangement of the package, the materials of construction, and the design features and dimensions that are important to safe performance of the package. To the extent practicable, more detailed information (e.g., tolerances, radii of curvature, details of ancillary components, etc.) should be omitted from the drawings unless this information is related to safety.
2. Verify that the revised drawings are consistent in all respects with the packaging that was subjected to the 30-foot drop test and the puncture test. If not, identify any differences and show that the modified package would meet the requirements of 10 CFR 71.
3. Clarify the extent to which the drum cover was damaged as a result of the 30-foot side drop test (e.g., did the cover separate from the drum). Evaluate the effects of a subsequent 40-inch puncture test onto the end of the package with the 6-inch diameter pin striking the closure of the inner container.