



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

MAY 16 1980

Gamma Industries
ATTN: Mr. Harry D. Richardson
P.O. Box 2543
Baton Rouge, LA 70821

Gentlemen:

This refers to your application dated August 24, 1979, as amended February 27, 1980, requesting approval to deliver the Model No. Century packaging to a carrier for transport.

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 requested by this letter should be submitted in the form of revised pages to the original Safety Analysis Report in order to preserve the continuity of your application. 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

8006030 067

GAMMA INDUSTRIES
MODEL NO. CENTURY PACKAGING
DOCKET NO. 71-9135

Encl to ltr dtd: MAY 16 1980

1. The revised engineering drawings provided in Appendix C are not appropriate for incorporation in the Certificate of Compliance. While less detailed drawings were requested, the revised drawings do not 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. For example, the uranium shield, zircaloy "S" tube, foam potting material, welds, position of the source in the device, etc., have not been shown. Each sheet of the revised drawings should include a revision number.
2. Provide evidence of the condition of the lockbox following the 30-foot free drop followed by the 40-inch puncture test. Such evidence should consist of close-up photographs and a detailed discussion of any observed damage or loosening of the lockbox. Alternatively, the package specimen that was tested may be shipped to us for examination. You should also describe the impact surface used for the 30-foot drop test in sufficient detail for us to conclude that the surface was "essentially unyielding" as required by 10 CFR 71.