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

JUL 07 1980

FCTC:RHO  
71-6581

Exxon Nuclear Company, Inc.  
ATTN: Mr. L. E. Hansen  
2955 George Washington Way  
Richland, WA 99352

Gentlemen:

This refers to your application dated June 15, 1979, as amended, requesting an amendment for the Model Nos. 51032-1 and 51032-1a packagings.

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 as revised pages into the consolidated application with the revised portions marked in the margin of each page. If you have any questions regarding this matter, we would be pleased to discuss them with you.

Sincerely,

*R H Obergarden*

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

Enclosure: As stated

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Exxon Nuclear Company, Inc.  
Docket No. 71-6581

Encl to ltr dtd: JUL 07 1980

1. The discussion in Section 10.1.2.2 (page 10-6) is not adequate to show that the aluminum clips are acceptable for the following reasons:
  - a. The text does not provide a sketch or otherwise clarify that the aluminum clamps were loaded for the load-deflection test (Figure 10.1) in the same manner as they would be loaded under accident conditions when installed in the container.
  - b. Figure 10.1 does not show that an aluminum clamp can develop as large a resisting force as a steel clamp.
  - c. Figure 10.1 does not show that the energy to deform an aluminum clamp is as large as the energy to deform a steel clamp.
  - d. Figure 10.1 does not show that an aluminum clamp can deform as much as a steel clamp without failing.
  - e. The text does not show that the clamps are adequate for the fire test.
2. Provide a table which shows the minimum number of separator blocks, full clamps, shock mounts and restraining bars that will be utilized for different strongbacks and for various types of fuel in the Model 51032-1 and the Model 51032-1a packages.