

JUN 9 1971

Hittman Nuclear Development
Corporation
ATTN: Mr. Peter T. Tuite
P. O. Box 810
Columbia, Maryland 21043

Gentlemen:

This is in reference to your petition dated January 5, 1971 for a license to transfer large quantities of radioactive waste utilizing the HN-200 cask. As requested in your letter of March 18, 1971, we have reviewed the cask against the applicable requirements of 10 CFR 71.

As discussed during the telephone conversation between F. Rinaldi and D. Davis, we need the following to complete our review of the structural aspects of your application:

1. The manufacturer's data sheet giving mechanical properties for the urethane that constitutes the removable annular impact skirts to be attached to the upper and lower ends of the cask.
2. Determination of new G-load and correction of related computations, if the ultimate shear stress and the mode of failure of the urethane dictate the use of larger impact area than used in your analysis.
3. A corrected value for the weight of the cask in the analysis of the tiedown loads and adjustment of all the related computations.
4. A drawing that clearly identifies the new offset distance for the tiedown arrangement.

Sincerely,

Original Signed by
Donald A. Nussbaumer

Donald A. Nussbaumer, Chief
Fuel Fabrication and
Transportation Branch
Division of Materials Licensing

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