

CHEM-NUCLEAR SYSTEMS INC.

POR

71-9081

P.O. Box 1866 • Bellevue, Washington 98000 • (206) 827-0711



July 20, 1979

Mr. Charles E. MacDonald, Chief
Transportation Branch
Division of Fuel Cycle and Material Safety
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: Docket No. 71-9081

Dear Mr. MacDonald:

Enclosed are eight copies of corrected page 1-3 of the Safety Analysis Report for the CNSI 1600 (1-13C)(USA 9081/B) shipping cask. The report was presented to you on July 17, 1979 by Karl Kinkade, Manager of our Engineering Division. Please replace the incorrect pages with those enclosed.

Your cooperation has been greatly appreciated. We are sorry for any inconvenience this matter may have caused you.

Sincerely,

CHEM-NUCLEAR SYSTEMS, INC.

for *Charles A. Marsh*
J. Stewart Corbett
Manager
Licensing and Safety

JSC/cm

Enclosures (8)

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sup. acts 7/17/79 request

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Penetration

One, $\frac{1}{2}$ inch outer diameter by 0.065 inch wall stainless steel tube gravity drain line from the center of cavity bottom to the side of the outer shell near the cask bottom, and one, $\frac{1}{2}$ inch outer diameter vent line from the center of lid cavity top to outer perimeter surface, closed with a $\frac{1}{2}$ NPT square head stainless steel pipe plug which is flush with the outside of the shell surface. The drain and vent lines will be closed with a plug during transport.

Filters

None.

Lifting Devices

Two diametrically opposed ears bolted to the sides of the cask, covered by a blank plate during transport.

c. Cask Lid

Shape

A conical cylinder attached to flat plates.

Size

Top plate is 38 $\frac{1}{2}$ inches diameter by $\frac{1}{2}$ inch thick. Bottom plate is 30 inches diameter by $\frac{1}{2}$ inch thick. The top conical cylinder diameter is 32 $\frac{1}{2}$ inches and the bottom conical cylinder diameter is 30 inches high. The cylinder is 5 $\frac{3}{4}$ inches high.

Construction

Lead-filled steel clad conical cylinder welded to circular steel plates.

Closure

Twelve, 1 $\frac{1}{2}$ inch - 7 UNC-2A steel bolts equally spaced 30 apart on a 35 $\frac{3}{8}$ inch diameter bolt circle.

Closure Seals

A primary seal of $\frac{1}{4}$ inch thick silicone rubber and a secondary seal of $\frac{1}{4}$ inch thick silicone rubber.

Penetrations

None

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