



February 22, 1994
611-0104-94

Mr. Cass R. Chappell, Section Leader
Cask Certification Section
Storage and Transport Systems Branch
Division of Industrial and Medical Nuclear Safety, NMSS
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Chappell:

Chem-Nuclear Systems, Inc. (CNSI) respectfully submits our application for the amendment of Certificate of Compliance No. 9168 for the CNS 8-120B packaging.

The requested amendment would allow, as an option, the annual, or periodic verification, leak testing of the packaging to be performed using sulfur hexafluoride (R-134a) halogen gas rather than the dichlorodifluoromethane (R-12) halogen gas that is currently approved for use. Both gases are referenced by ANSI N14.5-1987 as frequently used for leak testing applications. CNSI requests to use the alternative gas for testing to accommodate future federal regulations that might restrict or ban the use of the R-12 "Freon" gas for leak testing applications.

The appropriate pages have been changed in the Safety Analysis Report (SAR). These pages are designated as Revision 1 and the revisions noted by vertical lines in the margin. The changed pages are included as an attachment to this request.

Should you or members of your staff have any questions concerning this application, please feel free to contact Mr. Curt Lindner at (803) 758-1845.

Sincerely,

CHEM-NUCLEAR SYSTEMS, INC.

Patrick L. Paquin
Manager of Engineering

Enclosure: Revisions to the SAR for Model No. CNS 8-120B (6 copies)

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