

STSB:NLO
71-9168

FEB 28 1994

Chem-Nuclear Systems, Inc.
ATTN: Mr. Patrick L. Paquin
140 Stoneridge Drive
Columbia, SC 29210

Dear Mr. Paquin:

As requested by your application dated February 25, 1994, and pursuant to 10 CFR Part 71, Certificate of Compliance No. 9168 for the Model No. CNS 8-120B package is amended to authorize an extension of the annual leak testing and seal replacement interval for two packagings. For packagings with Serial Nos. CNS 8-120B-1 and CNS 8-120B-2, Condition No. 9 of Certificate of Compliance No. 9168, Revision No. 6, is revised as follows:

- 9. In addition to the requirements of Subpart G of 10 CFR Part 71:
 - (i) Each package must meet the acceptance tests and be maintained in accordance with the Acceptance Tests and Maintenance Program of Section 8.0 of the application, except that the periodic leak test and annual seal replacement need not be performed prior to May 1, 1994, and
 - (ii) The seals must be replaced with new seals if inspection shows any defects or prior to May 1, 1994, whichever occurs first. The test ports and optional drain line must be appropriately plugged and sealed prior to transport.

All other conditions of Certificate of Compliance No. 9168 shall remain the same.

This authorization shall expire May 2, 1994.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Cass R. Chappell, Section Leader
Cask Certification Section
Storage and Transport Systems Branch
Division of Industrial and
Medical Nuclear Safety, NMSS

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Enclosures:

- 1. Approval Record

cc w/encl
Mr. James K. O'Steen
Department of Transportation

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

APPROVAL RECORD
Model No. CNS 8-120B Package
Certificate of Compliance No. 9168

By application dated February 25, 1994, Chem-Nuclear Systems, Inc. (CNSI) requested an amendment to Certificate of Compliance No. 9168 to permit a one-time extension of the 12-month seal replacement and leak testing interval for the Model No. CNS 8-120B package. CNSI requested that the interval be extended for the two packagings which are scheduled for annual maintenance in February and March 1994. The extension was requested because the leak test gas used for the annual test was changed, and the procedures for the new leak test gas are currently being reviewed by the NRC. The leak test interval is being extended to allow sufficient time for NRC review.

Condition No. 9(i) of Certificate of Compliance No. 9168, Rev. No. 6, specifies that the package must be maintained in accordance with the maintenance program of Section 8.0 of the application. Section 8.2.2.1 of the application specifies that the package must be leak tested and the seals must be replaced within the 12-month period prior to transport. Condition No. 9(ii) of the Certificate of Compliance also specifies that the seals must be replaced at least every 12 months.

CNSI requested that the interval for seal replacement and the periodic leak test described in Section 8.2.2.1 of the application be extended so that the two packagings need not be tested prior to May 1, 1994. CNSI stated that all other maintenance would be performed on the packagings, and that the package would be leak tested prior to each shipment in accordance with Section 8.2.2.2 of the application. The maintenance includes inspection of the seals and replacement of any defective seals.

Based on the applicant's and staff's evaluations, the staff concludes that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

The extension expires on May 2, 1994.

Cass R. Chappell

Cass R. Chappell, Section Leader
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Medical Nuclear Safety, NMSS

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Date _____