

71-9094



CHEM-NUCLEAR SYSTEMS, INC.

220 Stoneridge Drive • Columbia, South Carolina 29210

August 23, 1990
611-0452-90

Mr. Charles E. MacDonald, Chief
Transportation Branch
Division of Safeguards and Transportation, NMSS
US Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

REF: (1) Certificate of Compliance No. 9094
(2) Letter from C.E. MacDonald, US NRC, to S. Kintner, CNSI,
dated July 10, 1990

Dear Mr. MacDonald:

Chem-Nuclear Systems, Inc. (CNSI) respectfully submits our application for renewal of Certificate of Compliance No. 9094 (Ref. 1). As requested in your letter of July 10, 1990 (Ref. 2), Section 7.0, Operating Procedures, and Section 8.0, Acceptance Tests and Maintenance Program, have been reviewed for completeness and no revisions are necessary except as explained in the following.

Revision 1 of the Safety Analysis Report has been enclosed with this letter. This revision provides for an optional, close-fitting steel insert that may be used in the cask cavity to provide additional shoring and shielding of the cask contents. With respect to this insert, the following should be noted:

- Its use does not affect the maximum quantities of waste material approved for use in the cask; i.e., greater than Type A quantities of LSA material.
- The use of an optional insert in the cask will reduce the maximum permissible weight of the contents by an amount equal to the weight of the insert; thus, the maximum permissible weight of the payload remains 17,700 lbs and will include the waste material, shoring, secondary containers, as well as the insert.
- Including provisions for the insert in the SAR does not require revision to the structural, thermal, shielding, or containment analyses.

In compliance with the Certificate of Compliance, no additional units of this cask have been fabricated since the previous renewal of the C of C, and no further units are to be fabricated.

In accordance with 10CFR170.31, enclosed is payment in the amount of \$150.00 (one hundred fifty dollars) for this request for

*Rec'd WCC# 4P2935
7300.00*

9008270114 900823
PDR ADUCK 07109094
C PDC
USDU (803) 256-0450 • Telex: 216947

NTD 11



Mr. C.E. MacDonald

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renewal.

Should you or members of your staff have any questions concerning this application, please feel free to contact me.

Sincerely,

Charles R. Witt
Sr. Project Engineer

Encl: (1) Rev. 1 Pages for SAR, w/ Index (5 copies)
(2) CNSI Check No. 482935

A1:LTR22.WP1