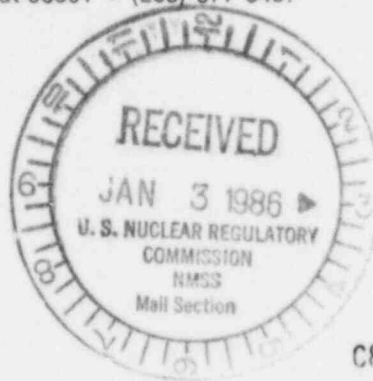




CHEM - NUCLEAR SYSTEMS, INC.

135 Darling Drive • Avon, Connecticut 06001 • (203) 677-0457



December 30, 1985

C8512-13

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

Subject: Docket No. 71-6601, CNS 8-120

Reference: (A) NRC letter dated October 29, 1985
C. E. MacDonald to Chem-Nuclear Systems, Inc.

Dear Mr. MacDonald:

Please find enclosed eight copies of the Revision 1 update to the CNS 8-120A SAR. This revision incorporates corrections and clarifications in response to items identified in Reference (A). Attachment One to this letter provides an itemized response to each NRC comment for your convenience.

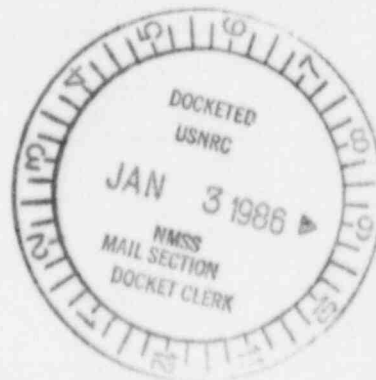
Please feel free to contact us if any further information is needed.

Very truly yours,

CHEM-NUCLEAR SYSTEMS, INC.

Robert T. Anderson
Director, Cask & Transportation Systems

/qfs
0877V



cc: V. Barnhart, L. Poppe, C. Hathaway, L. Toner, File G.2.12

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ATTACHMENT ONE TO C8512-13
CNSI Response to NRC Comment Letter
dated October 29, 1985
MODEL CNS 8-120
DOCKET 71-6601

1. NRC COMMENT:

The packaging drawing does not show the modification authorized by condition 11 of the certificate of compliance (Chem-Nuclear letter of December 8, 1980).

CNSI RESPONSE:

The package drawing has been revised (General Note 12 added) to permit plug handles to be replaced by 1-1/2" square bar stock.

2. NRC COMMENT:

The drawing should note the specific dimensions effected by drawing Note 5. Previous packaging drawings noted its application.

CNSI RESPONSE:

General Note 5(B) has been revised to indicate that the $\pm 1/4$ " tolerance is applicable to the 78-1/2" length of the inner shells.

3. NRC COMMENT:

The material specification (ASTM A-285-C) cited for part Numbers 31 and 39 should be reviewed to determine if the specification covers 1/16" thick sheet steel.

CNSI RESPONSE:

ASTM A285 limits maximum plate thickness to 2" for this specification however there is no limitation imposed for minimum thickness. The material for part numbers 31 and 39 is a sheet steel with the composition and material properties specified in ASTM A285 for plate.

4. NRC COMMENT:

Part Numbers 6, 27, and 29, which are listed in the Bill of Material, should be shown on Sheet 1 of the packaging drawing.

CNSI RESPONSE:

Part Numbers 6 and 29 have been identified on the package drawing. Part number 27 has been deleted since it was replaced by item 41.

5. NRC COMMENT:

The dimensional information for Part 20, in the Bill of Material, should be corrected.

CNSI RESPONSE:

The 7-1/2" dimension was corrected to read 71-1/2" nominal.

6. NRC COMMENT:

On sheet 1 of the packaging drawing, Zone E6, the number of 2-1/2" diameter pour and vent holes should be specified.

CNSI RESPONSE:

The package drawing has been revised to identify that there are three pour and vent holes.

7. NRC COMMENT: (Section 1.2)

Correct the inconsistency between the description and the drawing relative to the location of the drain port.

CNSI RESPONSE:

The drain port location dimension in Section 1.2 has been corrected.

8. NRC COMMENT: (Section 4.4)

The time period cited in the first paragraph should be revised to require, "twice the expected shipment time".

CNSI RESPONSE:

Required time period has been revised as requested.

INSTRUCTIONS FOR REVISION 1
UPDATE TO CNS 8-120(A) SAR

REMOVE

Title Page rev 0

p 1-1 rev 0

p 1-2 rev 0

CNSI Drawing 29008-1
sheet 1 (no rev)

General Notes (2 pages)

CNSI Drawing 29008-1
Sheet 2, Bill of Material (no rev)

p 4-2 rev 0

INSERT

Title Page rev 1

p 1-1 rev 1

p 1-2 rev 1

CNSI Drawing 29008-1
sheet 1 rev 1

General Notes rev 1
page 1 of 2 and 2 of 2

CNSI Drawing 29008-1
sheet 2, Bill of Material rev 1

p 4-2 rev 1