



CHEM—NUCLEAR SYSTEMS INC.

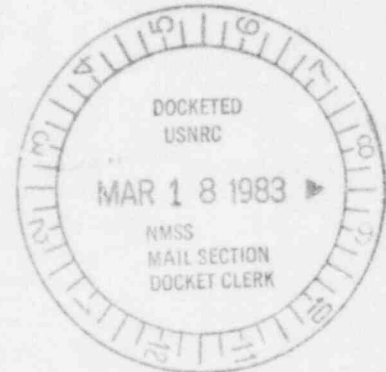
P.O. Box 1866 • Bellevue, Washington 98009 • (206) 827-0711

71-9111

'83 MAR -7 A11:22 PDR
Return
to 39655

March 3, 1983

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



Reference: Docket No. 71-9111

Dear Mr. MacDonald:

We are formally requesting an administrative amendment to the Certificate of Compliance No. 9111. We have enclosed a check in the amount of \$150.00, per 10 CFR 170.31 (11)(C).

Chem-Nuclear Systems, Inc., requests the approval of an optional lid seal for casks licensed under C of C No. 9111. The optional seal consists of double O-ring gaskets in place of the present flat gaskets. The option is requested for both the secondary and primary lids. All other portions of the cask, such as the lid, shell, bolts, bolt configuration, gasket material, etc., remain the same. It is recognized that the double O-ring option provides an equivalent or better seal.

Attached is a drawing, No. C-110-D-0020, Rev. -, of the optional seal configuration for both the primary and secondary lid. This drawing should be placed in Appendix 1.10 of the Safety Analysis Report (SAR).

Please contact this office if you have any questions on this application.

Sincerely,

CHEM-NUCLEAR SYSTEMS INC.

Bruno Svinis

Bruno Svinis
Deputy Director,
Regulatory Affairs, West

BS:1a
enc.

mar 83-2

Applicant.....
Check No. 27448.....
Amount/Fee Category \$150.11.....
Type of Fee minor.....
Date Check Rec'd 3/10/83.....
Received By <i>J. Johnson</i>

Docket No. 71-9111

William O. Miller
License Fee Management Branch
Office of Administration

MATERIALS TRANSPORTATION APPROVAL CLASSIFICATION

Applicant: Chem - Nuclear
Approval No: 9111 Fee Category 11E
Application Dated: 3/3/83 Received: 3/10/83
Applicant's Classification: Administrative

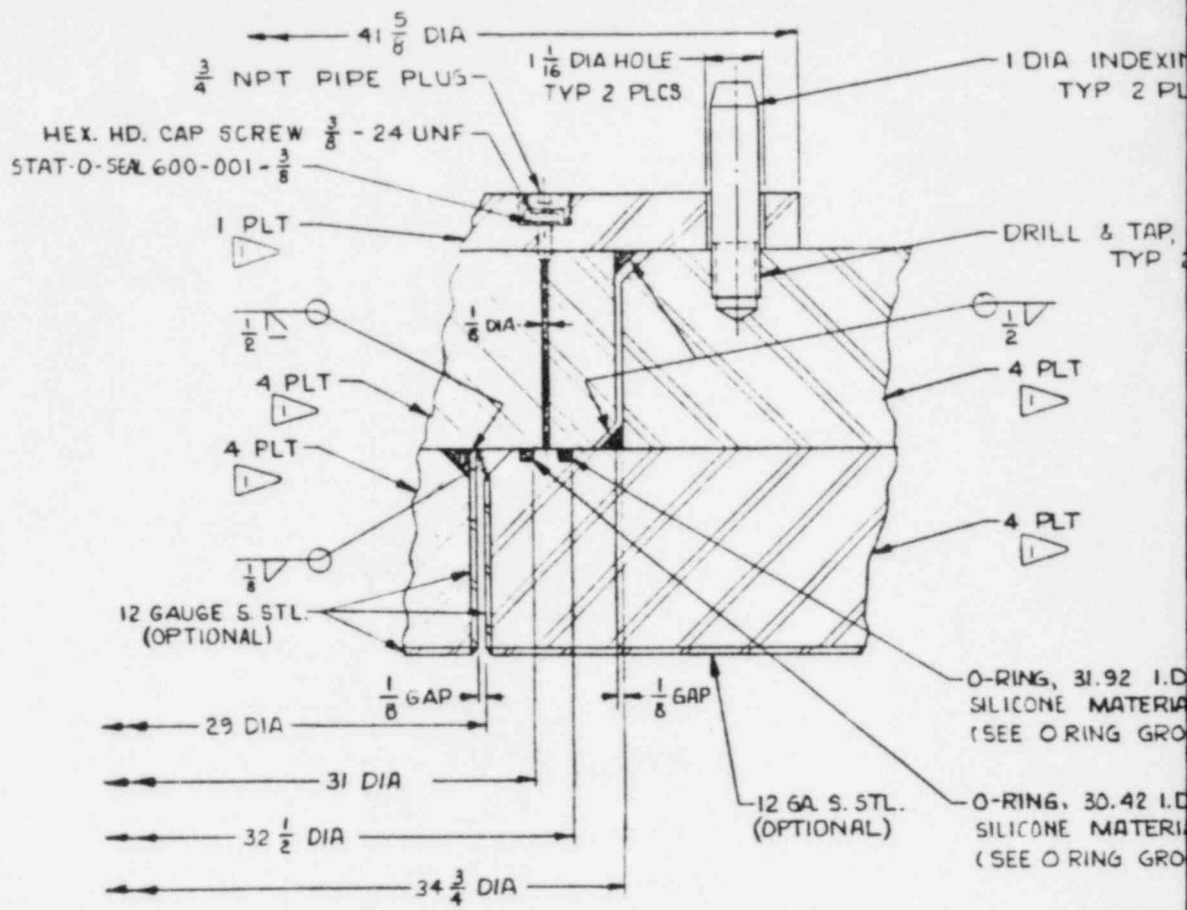
The above application for amendment has been reviewed by the NMSS Transportation Branch, in accordance with Section 170.31, and is classified as follows:

1. Amendments to Approvals in Fee Categories 11A through 11E
 - (a) Major
 - (b) Minor
 - (c) Administrative

2. Justification for reclassification: Requires design review

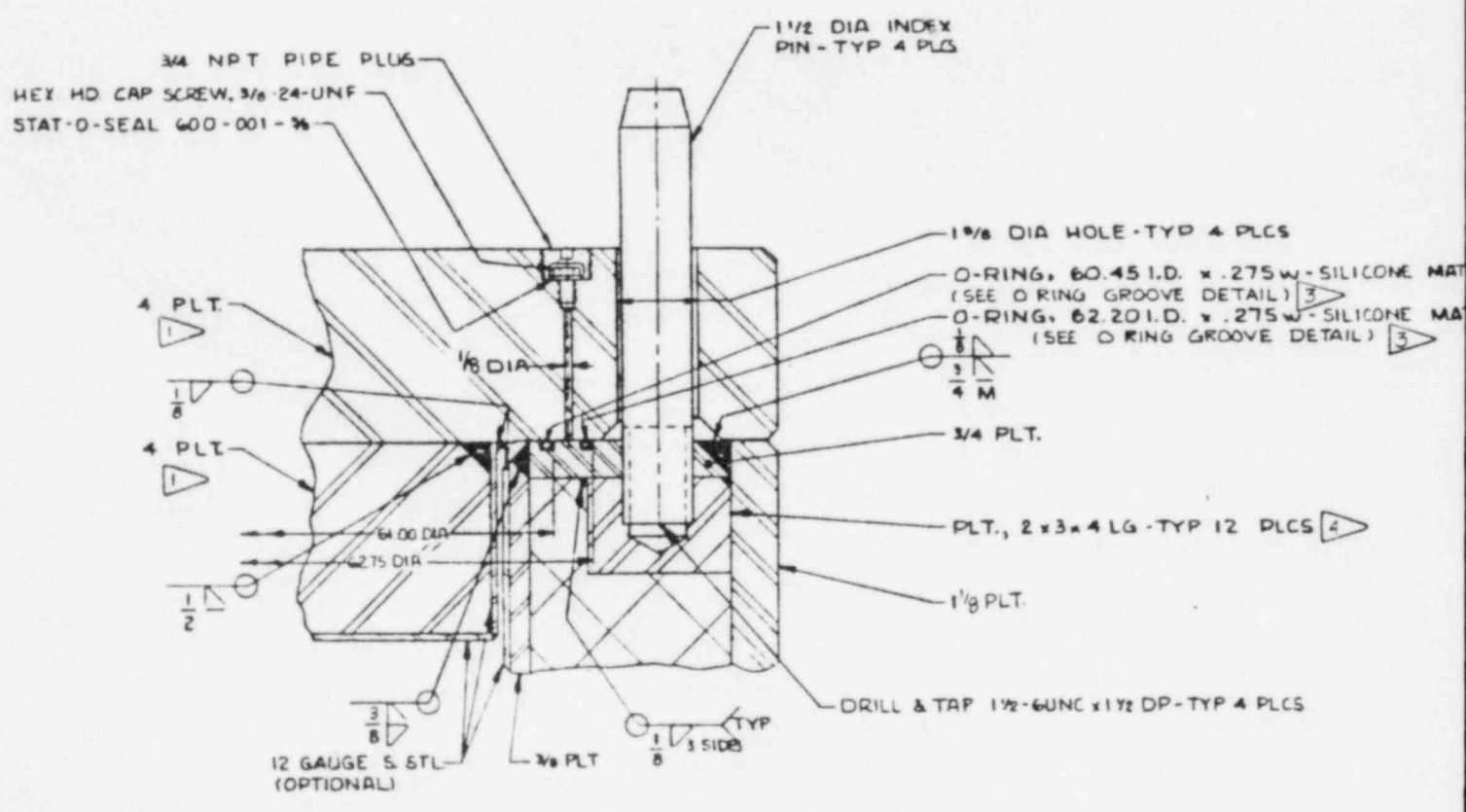
3. The application was filed (a) pursuant to written NRC request and the amendment is being issued for the convenience of the Commission, or (b) Other (State reason): _____

Signature: R. H. Odegaard
Transportation Branch, NMSS
Date: 3/11/83



DETAIL C

(WORK WITH NUPAC DWG NO. BC-20-200D) 2



DETAIL B

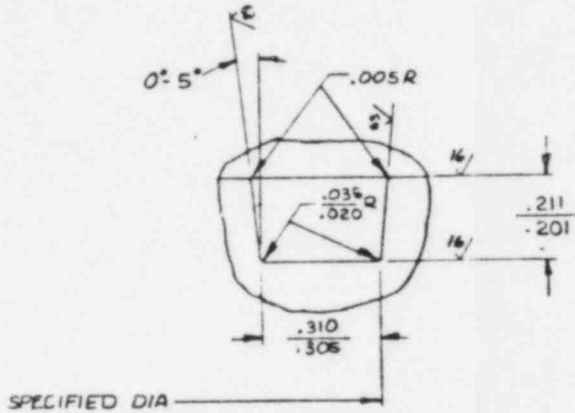
(WORK WITH NUPAC DWG NO. BC-20-200D) 2

ING PIN
CS

1-8UNC x 1DP
2 PLCS

x .275w
L
OVE DETAIL) 3

x .275w
AL
OVE DETAIL) 3



O-RING GROOVE DETAIL 3

NOTES:

- 1 MATERIAL : LOW CARBON HOT ROLLED STEEL :
STEEL : PLATE AND SHAPES TO CONFORM TO ASTM A-516 GR. 70.
SHEETS TO CONFORM TO ASTM-A570.
- 2 DETAILS SHOWN ARE OPTIONAL DETAILS TO THE
ONES SHOWN ON NUCLEAR PACKAGING INC. DRAWING NO.
BC-20-200D. (TO INCLUDE TOLERANCES)
- 3 O-RING GROOVE MAY BE LOCATED ON LID FOR EASE OF MANUFACTURING.
- 4 MATERIAL : ASTM A 517 GR. F.

ITEM	QTY.	DESCRIPTION	MATERIAL OR PART NO.	MAT'L SPEC.	WT
BILL OF MATERIAL					
UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT		PROJECT NO. 20549	FBCM NO. 54643	CHEM-NUCLEAR SYSTEMS, INC.	
TOLERANCES: (UNLESS OTHERWISE SPECIFIED): DEC. XX ± DEC. .XXX ± DEC. .X ± HOLE DIA. AND LOC. ± 1/32 DEC. ± FRACTIONAL ± 1/8 DOES NOT APPLY TO REF. DIMENSIONS		DRAWN P. SCHULTZ	DATE 3/1/83	TITLE DOCKET NO. 9111/A OPTIONAL LID SEAL CONFIGURATION 6-80-2 CASK	
THIS DRAWING IS THE PROPERTY OF CHEM-NUCLEAR SYSTEMS, INC. AND IS LOANED UPON THE CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED, RE- LEASED TO OTHERS WITHOUT THE WRIT- TEN PERMISSION OF CHEM-NUCLEAR SYS- TEMS, INC. AND IS TO BE RETURNED UPON REQUEST.		CHECKED J. STANLEY	DATE 3-2-83	SIZE D	REV. —
		APPROVED H. Williams	DATE 3-3-83	DRAWING NUMBER C-110-D-0020	
		APPROVED J. Williams	DATE 3/3/83	SCALE NONE	WT — SHEET OF

4

3

2

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