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71-9080  
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Corporation  
9190 Red Branch Road  
Columbia, Maryland 21045  
301/730-7800

Refer to:  
HN-E163

March 17, 1980

Mr. Charles MacDonald  
Transportation Branch  
U.S. Nuclear Regulatory Commission  
9217 Maryland National Bank Bldg.  
Washington, D.C. 20555



Subject: Certification of HNDC Model  
600 Shipping Cask

Reference: HNDC Model HN-600  
Radioactive Materials Package  
Certification No. 9080

Dear Mr. MacDonald:

It is requested that the certificate of compliance for the subject radioactive materials package be amended to cover the use of nonstructural appurtnances. Enclosed are eight (8) copies of HNDC drawing number C001-5-9604, Sheet 1, Revision 0, which supplements the drawing referenced in the current certificate of compliance. Attachment A lists the requested changes in the certificate of compliance and the items which may be used on the subject package. As noted, these attachments do not affect the structural integrity of the cask, nor the safety analysis report.

Your cooperation in expediting this amendment is greatly appreciated. If you have any questions or require further information, please contact me.

Very truly yours,  
  
Charles W. Mallory  
Vice President, Engineering

lh

Attachment A  
Drawing No. C001-5-9604  
Check # 07893

Applicant.....
Check No. <u>07893</u>
Amount/ Fee Paid <u>\$150.00</u>
Type of Fee <u>minor</u>
Date Check Made <u>3/17/80</u>
Received By <u>[Signature]</u>

Attachment A

Radioactive Materials Package  
Certificate of Compliance No. 9080  
HNDC Model HN-600

It is requested that Revision 3 to certificate No. 9080 be issued to cover the following:

1. HNDC Drawing No. C001-5-9604, Sheet 1, Revision 0, Should be added to the drawings listed in paragraph 5(a)(3) in the current certificate.
2. The items covered by this revision are included on HNDC Drawing No. C001-5-9604 as follows:

- a. Identification Signs (Elevation View)

Identification signs approximately two feet high and three feet wide may be installed on the outboard sides of the cask. The signs are sheet metal and are attached by bolts in drilled and tapped holes. The bolt holes are located in lightly stressed area of the cask body and do not adversely affect the structural integrity.

- b. Placards Mounting (Elevation View and View A-A)

Steel angles with a steel plate as shown on View A-A are welded to the outer shell of the casks. The plates are used to hold the placards required for radioactive shipments. The placards may be located either above or below the identification signs as shown on the elevation view. The attachments do not affect the structural integrity of the package.

- c. Lifting Lug Covers (Detail F)

Bent washers may be welded to the cover of the cask adjacent to the cask cover lifting lugs. The washers are used as eyes for lanyards attached to the sheet metal covers which are installed over the cask cover lifting lugs. The metal covers are used to prevent the use of the cask cover lugs to lift the entire cask. The attachments do not affect the structural integrity of the package.

d. Primary Lid Security Wire (Section C-C & B-B)

Bent washers may be welded to the cask body and to the cask cover as shown in section C-C to receive the primary lid security wires. These attachments do not affect the integrity of the package.

e. Secondary Lid Security Wire (Section D-D)

One of two methods may be used for the attachment of security wires on the secondary lid as shown on Section D-D. Either bent washers are welded to the cask cover and secondary lid cover or holes are drilled in one or more of the studs to receive the security wires. Neither method adversely affects the structural integrity of the package.

f. Rain Cover Tiedown Brackets (Elevation View and Detail E)

Steel brackets may be welded to the periphery of the cask for securing covers. The number of brackets may vary depending upon the type of cover being used. The attachments to the cask body does not affect the integrity of the package.



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

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