

71-9093

Distribution: w/encl
Docket File
NRC PDR
IE HQ
Region I
CEWilliams
RHodegaarden
NMSS R/F
FCTC R/F

JAN 03 1984

FCTC:CEW
71-9093

RECEIVED
L. Williams
301-88

Hittman Nuclear & Development Corporation
ATTN: Mr. Bruce S. Rowe
9151 Rumsey Road
Columbia, MD 21045

Gentlemen:

This refers to your application, received September 30, 1983, requesting renewal of Certificate of Compliance No. 9093 for Model No. HN-400 packaging.

Because the certificate references consist of an application and a supplement which contains a substantial amount of additional information, we request that you submit a consolidated application with drawings, incorporating all previous submittals. The consolidated application should also include a response to the questions identified in the enclosure to this letter. The consolidated application need not include your QA program but should continue to include quality control requirements and operating procedures.

The consolidated application should be submitted within 60 days from the date of this letter.

Your application of September 30, 1983, requesting renewal of Certificate of Compliance No. 9093, is considered to satisfy the condition for timely renewal. Accordingly, Certificate of Compliance No. 9093, Rev. 1 will not expire until a final determination has been made by the Commission. Disregard our letter of December 5, 1983 regarding expiration of this certificate.

If you have any questions regarding this matter, we would be pleased to meet with you and your staff.

Sincerely,

Original Signed by
CHARLES E. MACDONALD

8401190110 840103
PDR ADOCK 07109093
C PDR

Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and
Material Safety, NMSS

OFFICE	Enclosure: As stated	FCTC	FCTC	FCTC
SURNAME		CEWilliams:alm	RHodegaarden	CEMacDonald
DATE		01/3/84	01/03/84	01/3/84

Model No. HN-400 Packaging
USA/9093/A

Addressees: w/enclosure

Ltr dtd: JAN 03 1984

Hittman Nuclear & Development Corporation
ATTN: Mr. Bruce S. Rowe
9151 Rumsey Road
Columbia, MD 21045

Iowa Electric Light & Power Company
ATTN: Mr. Keith Young
P.O. Box 351
Cedar Rapids, IA 52406

Maine Yankee Atomic Power Company
ATTN: Mr. Edwin C. Wood
Box 450, RFD 2
Wiscasset, ME 04578

OFFICE ▶						
SURNAME ▶						
DATE ▶						

Hittman Nuclear and Development Corporation
Model No. HN-400 Packaging
Docket No. 71-9093

Encl to ltr dtd: JAN 0 3 1984

1. The drawings should identify the method and acceptance criteria used to nondestructively examine the weld joints in the packaging.
2. The drawings should specify the paint or coating system used on the carbon steel surfaces.
3. The drawings should show the method used to prevent the left lugs from being used to tie down the package during transport.
4. Derive a maximum heat load for the package design taking into account the definition of low specific activity material (10 CFR §71.4) and the maximum shielding capability of the packaging.
5. Because the secondary containers provide containment, show that there will be no release of radioactive material from the drums as a result of drums crushing against each other during the one-foot free drop of the packaging.
6. The Operating Procedures should include instructions covering the following areas:
 - o The placement of shoring between the secondary containers and the cask cavity to prevent movement during transport.
 - o Installation of the closure bolts should include a torque requirement.
 - o Radiation survey of the loaded package and a determination of surface contamination levels prior to release for shipment.
 - o Procedures should take into account the requirements of 10 CFR §20.205 concerning receipt of packages.
7. Maintenance Program should specifically address the inspection procedures and replacement schedules for all safety related items and functional features such as gaskets, fasteners, and maintenance of painted surfaces.

OFFICE ▶							
SURNAME ▶							
DATE ▶							