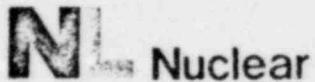


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~~PDR~~ 71-9010



February 21, 1980

Mr. Charles E. MacDonald
Chief, Transportation Certification Branch
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Certificate of Compliance No. 9010, Rev. 5
NLI 1/2 LWT Cask

Gentlemen:

NL Industries requests that the subject Certificate of Compliance be revised to provide an option for the method of capping off the neutron shield expansion tank overflow line. The revision shall also incorporate certain drawing corrections which are necessary to bring the drawings into agreement with the safety analysis report.

The overflow line in the neutron shield expansion tank is fitted with a quick disconnect fitting which is threaded on to the end of the overflow pipe. The quick disconnect fitting is capped with a pressure cap. The optional method of capping off the overflow line is to replace the quick disconnect arrangement with a stainless steel pipe cap. The integrity of the system is not compromised by the use of a pipe cap since both arrangements are attached to the overflow pipe by a threaded joint and are therefore of equal integrity. The only documents affected by this change is Drawing 70885F, Sheet 1, and the Engineering Drawing List, Section XVII of the Safety Analysis Report.

The specific drawing corrections mentioned above are as follows:

Dr. 70514F, Sheet 1 of 2, NLI 1/2 Cask & Trailer General Arrangement. The six inch long, 5/16" fillet weld shown in zone D-4, was shown as a 3/8" fillet weld. The Safety Analysis Report, Section XI, Page XI-I-31d, specifies a six inch long 5/16" fillet weld. The detailed fabrication drawing is in agreement with the SAR requirements.

Nuclear Division/NL Industries, Inc.
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Dr. 70514F, Sheet 2 of 2, NLI 1/2 Cask & Trailer General Arrangement. Detail "C", zone H-6, called for a 1/4" fillet weld, one inch long, two places. The drawing requirement has been deleted because it was in conflict with Section XI, Structural Analysis of the Safety Analysis Report, which is specific as to the location, length and size of welds used to join the support structure to the trailer frame. The detail fabrication drawing is in agreement with the SAR requirements.

Enclosed herewith please find eight (8) copies of the following revised drawings and pages for your review and approval. It is requested that you insert the revised pages into the loose-leaf binders previously furnished and destroy the old sheets.

Dr. 70514F, Sheet 1 of 2, Rev. 7
NLI 1/2 Cask & Trailer General Arrangement.

Dr. 70514F, Sheet 2 of 2, Rev. 8
NLI 1/2 Cask & Trailer General Arrangement.

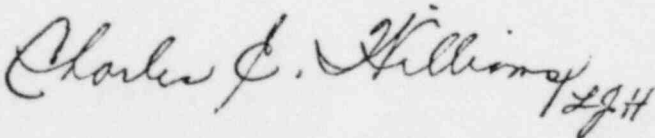
Dr. 70885F, Sheet 1, Rev. 2
NLI 1/2 Spent Fuel Cask Details Configuration "B".

Page XVII-1, Rev. 9, 2/80.

An administration amendment fee of \$150 as required by Section 170.13 (11B) of 10 CFR 170 is also enclosed.

NLI is not requesting any proprietary data withholding regarding the attached data and drawings; therefore, you are hereby authorized to release all of the enclosed data and drawings as deemed necessary by your staff.

Very truly yours,



Charles E. Williams
Engineering Manager

/ljh

Enclosure

cc: G.N. Dixon, Jr.
G.L. Stukenbroeker

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