

Maine Yankee

RELIABLE ELECTRICITY SINCE 1972

G. Douglas Whittier
Vice President Licensing & Engineering

October 24, 1996
MN-96-156

329 Bath Road
Brunswick, Maine 04011
(207) 798-4100

GDW-96-74

UNITED STATES NUCLEAR REGULATORY COMMISSION
Attention: Document Control Desk
Washington DC 20555

References: (a) License No. DPR-36 (Docket No. 50-309)
(b) NRC Generic Letter 96-06: Assurance of Equipment Operability and Containment Integrity During Design Basis Accident Conditions.
(c) Letter: J. R. Hebert to USNRC; "Maine Yankee Licensee Event Report 96-022, Containment Primary Component Piping Design Inadequacy Due to Lack of Thermal Relief Valves"; dated August 19, 1996; MN 96-119.

Subject: Assurance of Equipment Operability and Containment Integrity During Design Basis Accident Conditions

Gentlemen:

Generic Letter 96-06 requested that licensees determine: (1) if containment air cooler cooling water systems are susceptible to either water hammer or two phase flow conditions during postulated accident conditions, and (2) if piping systems that penetrate the containment are susceptible to thermal expansion of fluid so that over pressurization of piping could occur.

- A. Within 120 days of the date of the Generic Letter (October 9, 1996) addressees are requested to submit a written summary stating actions taken in response to the requested information noted above, conclusions that were reached relative to susceptibility for water hammer and two phase flow in the containment air cooling water system and over pressurization of piping that penetrates the containment, the basis for continued operability of the affected systems and components as applicable, and corrective actions that were implemented or are planned to be implemented. If systems are found to be susceptible to the conditions that are discussed in the generic letter, identify the systems affected and describe the specific circumstances involved.
- B. Within 30 days of the date of the generic letter, addressees are required to submit a written response indicating (1) whether or not the requested actions will be completed, (2) whether or not the requested information will be submitted and (3) whether or not the requested information will be submitted within the requested time period.

Maine Yankee offers the following in response to the 30 day action item B:

- (1) Maine Yankee plans to complete the actions requested in the generic letter identified as action item A above,

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Maine Yankee

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Page Two

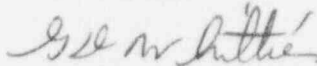
(2) Maine Yankee plans to submit the requested information including:

- a. A summary report stating actions taken in response to the requested actions,
- b. Conclusions relative to the susceptibility of water hammer or two phase flow in the containment air cooler cooling water system and over pressurization of piping that penetrates the containment,
- c. The basis for continued operability of affected systems and components, as applicable,
- d. Corrective actions that were implemented or are planned to be implemented, and
- e. A description of affected systems and specific circumstances involved, as applicable,

(3) Maine Yankee plans to submit the requested information within the requested time period.

We trust this information is satisfactory. Please contact us should you have any questions in the matter.

Very truly yours,

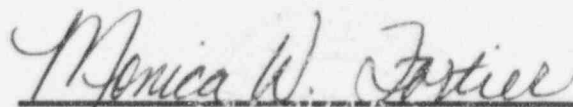


G. D. Whittier, Vice President
Licensing and Engineering

c: Mr. Hubert Miller
Mr. J. T. Yerokun
Mr. Daniel Dorman
Mr. Patrick Dostie
Mr. Uldis Vanags

STATE OF MAINE

Then personally appeared before me, G. D. Whittier, who being duly sworn did state that he is Vice President, Licensing & Engineering of Maine Yankee Atomic Power Company, that he is duly authorized to execute and file the foregoing response in the name and on behalf of Maine Yankee Atomic Power Company, and that the statements therein are true to the best of his knowledge and belief.



Notary Public

Monica W. Fortier, Notary Public
State of Maine
My Commission Expires 5/3/98