



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

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SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. TO LICENSE NO. DPR-36

MAINE YANKEE ATOMIC POWER COMPANY

MAINE YANKEE ATOMIC POWER STATION

DOCKET NO. 50-309

1.0 Introduction

By telecopy dated May 5, 1981, Maine Yankee Atomic Power Company requested ^{emergency} changes to the Technical Specification appended to the Facility Operating License No. DPR-36 for the Maine Yankee Atomic Power Station. The proposed changes involve:

Revising Technical Specification 3.19 to allow the use of loop 2 isolation breakers until reactor coolant may 2 1981 shutdown for refueling.

Discussion and Evaluation

Technical Specification 3.19. b). 2 requires the breakers for reactor coolant loop isolation valves be opened and made inoperable whenever the reactor is critical.

The Tech Spec 3.19. b). 2 requirement was made to preclude two loop operation since two loop operation had not been ^{considered} in the LOCA analysis by the licensee.

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The licensee requested the change because the No 2 RCP is operating with ^{only} two out of four RCP seals. This reduces the redundancy provided by the seals to control primary coolant leakage. - ^{transmitting} ~~transmitting~~ the licensee desires to activate the capability of the RCP in ^{to isolate the RCP in case of a failure} ~~to isolate the RCP in case of a failure~~ during the refueling shut down. The proposed emergency tea 3 per would provide for rapid isolation of the loop by the operator should both remaining seals suddenly fail.

The the proposed Technical Specification change does not constitute a significant hazard to the health and safety of the public but improve it somewhat by ^{providing the capability to} ~~more rapidly~~ ^{mitigate} the consequences of loss of coolant. ^{in the event further degradation of the} ~~in addition~~ this change ^{RCP seals should occur} ~~is required~~ in a one time basis and for a limited time until

May 9, 1981. Based on the improvement for providing leakage control and on the one time only nature of the request we find the proposed technical specification is acceptable and therefore is approved.

3.0 Environmental Conclusion

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

4.0 Conclusion

We have concluded, based on the considerations discussed above that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date:

J M Turk

5/5/81



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

MAY 05 1981

Docket No. 50-209

Mr. Robert H. Groce
Senior Engineer - Licensing
Maine Yankee Atomic Power Company
1671 Worcester Road
Framingham, Massachusetts 01701

Dear Mr. Groce:

This confirms our telephone Authorization given today, May 5, 1981, for a change in Technical Specifications for the Maine Yankee Atomic Power Station as requested in your teletype of May 5, 1981. Facility Operating License No. DPR-36 is amended on this date by making the following Technical Specification changes:

Add to paragraph 3.19 b)2. the following exception:

Exception: Breakers for loop isolation valves RC-M-21 and RC-M-22 need not be opened and padlocked and the thermal overload links for these valves need not be physically removed during the period between May 5, 1981 and May 9, 1981.

Copies of the license amendment, our evaluation and our Federal Register Notice for this technical specification change will be sent to you when completed.

Sincerely,

A handwritten signature in dark ink, appearing to read "Tom Novak", is written over the typed name.

Thomas M. Novak, Assistant Director
for Operating Reactors
Division of Licensing

cc: See next page

Maine Yankee Atomic Power Company

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