



EDISON DRIVE
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(207) 623-3521

Proposed Change No. 93

September 29, 1982
MN 82-189

United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Office of Nuclear Reactor Regulation

References: (a) License No. DPR-36 (Docket No. 50-309)
(b) Letter, MYAPC to USNRC, MN 82-156, dated August 6, 1982
(c) Letter, MYAPC to USNRC, MN 82-78, dated April 8, 1982
(d) Letter MYPACo to USNRC, MN-82-175, dated September 21, 1982

Subject: MY Cycle 7 Core Performance Analysis and Technical Specification
Changes

Dear Sir:

Pursuant to Section 50.59 of the Commission's Rules and Regulations, Maine Yankee Atomic Power Company hereby proposes the following modifications to Appendix A of Reference (a):

- A. Replace definitions pages 2-6 with the attached pages 2-7.
- B. Replace pages 1.3-1 of Specification 1.3 with the attached revised page 1.3-1.
- C. Replace pages 2.1-1, 2.1-2, 2.1-3, 2.1-4, and 2.1-5 of Specification 2.1 with the attached revised pages 2.1-1 through 2.1-5.
- D. Replace pages 2.2-1 and 2.2-2 of Specification 2.2 with the attached revised pages 2.2-1 and 2.2-2.
- E. Replace pages 3.3-1 and 3.3-2 of Specification 3.3 with the attached revised pages 3.3-1, 3.3-2, and 3.3-3.
- F. Replace pages 3.10-1 through 3.10-13 and 3.10-15 of Specification 3.10 with the attached revised pages 3.10-1 through 3.10-13 and 3.10-15.

*Approval
w/check
\$4,000*

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Attachment A describes these changes in more detail. Attachment B contains the revised pages, which are based on the assumption that Proposed Change 89 will be approved prior to approval to this proposed change.

These changes have been reviewed by the Plant Operation Review Committee (PORC) and the Nuclear Safety and Audit Review Committee (NSARC).

These changes will permit resumption of power operation during the next cycle (Cycle 7) following refueling. The refueling will involve removal of 73 fuel assemblies and insertion of 72 new assemblies and reinsertion of one once burned fuel assembly from Core 2. This refueling also involves the installation of 8 new control element assemblies (CEAs), the reconfiguration of CEA Bank 5, and institution of a low-leakage core loading pattern. A modification to the reactor physics methodology for CEA ejection analysis, and the use of the YAEC-1 Critical Heat Flux Correlation in determining Limiting Safety System Settings were previously described in detail in Reference (b) and (c) and are incorporated in the core performance analysis Reference (d) supporting this proposed change.

This submittal addresses the changes necessary for this refueling .

Attachment A provides a description and justification for each change noted above. The Core Performance Analysis Report supporting Maine Yankee's Cycle 7 operation was previously transmitted via Reference (d). It addresses the mechanical design, thermal-hydraulic design, physics and safety analysis aspects of the refueling.

This proposed change requires an approval that involves a single safety issue and is deemed not to involve a significant hazards consideration. For these reasons, Maine Yankee Atomic Power Company proposed this change as a Class III Amendment, and a payment of \$4,000.00 is enclosed.

These changes will be implemented upon Commission approval.

A timely review and approval of this submittal consistent with our schedule for Cycle 7 startup would be appreciated. Cycle 7 is scheduled to commence on or about November 19, 1982.

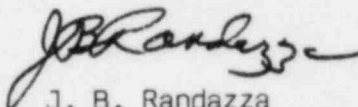
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We trust that you will find this submittal satisfactory; however, should you desire additional information, feel free to contact us.

Very truly yours,

MAINE YANKEE ATOMIC POWER COMPANY



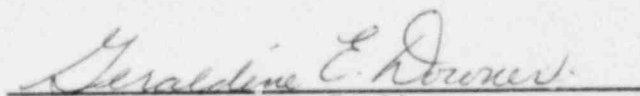
J. B. Randazza
Vice President

JBR:pjp

Attachments

STATE OF MAINE)
)ss
COUNTY OF KENNEBEC)

Then personally appeared before me, John B. Randazza, who, being duly sworn, did state that he is the Vice President of Maine Yankee Atomic Power Company, that he is duly authorized to execute and file the foregoing request in the name and on the behalf of Maine Yankee Atomic Power Company, and that the statements therein are true to the best of his knowledge and belief.



Notary Public
GERALDINE E. DOWNER
NOTARY PUBLIC - STATE OF MAINE
MY COMMISSION EXPIRES
MAY 1, 1988