

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-29

YANKEE ATOMIC ELECTRIC COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 25 to Facility Operating License No. DPR-3 issued to Yankee Atomic Electric Company which revised Technical Specifications for operation of the Yankee Nuclear Power Station (Yankee Rowe) located in Rowe, Massachusetts. The amendment is effective as of the date of issuance.

The amendment changes the requirement in the Technical Specifications relating to the ECCS accumulator pressure, to reflect actual accumulator flow in the ECCS performance analysis for Core XII which we have previously found to be acceptable and in compliance with 10 CFR §50.46. The previous specification was not consistent with the ECCS performance analysis. Since the time that this inconsistency was identified earlier in the year, the licensee has operated at the correct pressure on the interim basis. This amendment modifies the facility Technical Specification to reflect this corrected pressure.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations

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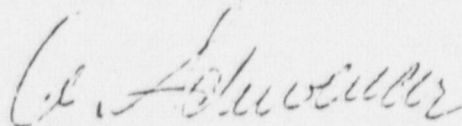
in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental statement, negative declaration, or environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the application for amendment dated May 11, 1976, and supplements dated May 11, 17, 19, 1976, and June 16, 1976, (2) Amendment No. 25 to License No. DPR-3 and (3) the Commission's related Safety Evaluations dated May 19, 1976 and October 7, 1976. All of these items are available for public inspection at the Commission's Public Document Room 1717 H Street, N. W., Washington, D. C. 20555, and at the Greenfield Public Library, 402 Main Street, Greenfield, Massachusetts 01581. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 7th day of October 1976.

FOR THE NUCLEAR REGULATORY COMMISSION



A. Schwencer, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors

PRELIMINARY DETERMINATIONNOTICING OF PROPOSED LICENSING AMENDMENT

LICENSEE: Yankee Atomic Electric Company (Yankee-Rowe)

REQUEST FOR: Change Tech Spec relating to ECCS accumulator pressure.

REQUEST DATE:

PROPOSED ACTION: ( )	Pre-notice Recommended
(XX)	Post-notice Recommended
( )	Determination delayed pending completion of Safety Evaluation

BASIS FOR DECISION: Licensee's recent investigation of ECCS design and performance confirmed that flow capability of the ECCS accumulator as tested at the plant (which is in agreement with the initial system design flow calculations) is slightly higher than the accumulator flow calculated in the ECCS performance analysis. This is so because flow resistances used as input in the ECCS performance calculations were intentionally chosen somewhat higher for conservatism. Licensee's further investigation of the difference between the actual (and realistically calculated accumulator flow) and the slightly lower accumulator flow in the ECCS analysis required adjustment of the accumulator pressure (which is an LCO) to assure that required flow will be delivered to reflect actual plant behaviour, viz. accumulator flow as verified by acceptable plant tests. The proposed action (change of the specified accumulator pressure) acceptably corrects accumulator flow, does not involve a change of the approved evaluation model, analysis methods, or conservative assumptions prescribed by Appendix K, and assures the same results of the Core XII ECCS performance analysis for Yankee-Rowe which we have previously approved.

For the above reasons the proposed action does not involve a significant hazards consideration.



Proposed NEPA Action: ( ) EIS Required

( ) Negative Declaration (ND) and Environmental Impact Appraisal (EIA) Required

(XX) No EIS, ND or EIA Required

( ) Determination delayed pending completion of EIA

BASIS FOR DECISION: This action involves the same environmental considerations relating to ECCS performance analysis which we have previously prenoticed and for which we have previously issued a Negative Declaration and Environmental Impact Statement. Therefore, no EIS, ND or EIA are required.

CONCURRENCES:

DATE:

1. A. Burger K. Dwyer 5/14/76
2. R. A. Purple W. Wambach for RAP 5/14/76
3. K. R. Geller RG 5/14/76
4. OELO