

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-29

YANKEE ATOMIC ELECTRIC COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

Notice is hereby given that the U.S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 21 to Facility Operating License No. DPR-3 issued to Yankee Atomic Electric Company which revised Technical Specifications for operation of the Yankee Atomic Power Station located in Rowe, Massachusetts. The amendment is effective as of its date of issuance.

The amendment (1) incorporates the licensee's performance analysis for the current reload core (Core XII) in Section B of the Technical Specifications, and (2) changes operating limits and adds requirements in the Technical Specifications for compliance with the provisions of 10 CFR Part 50, §50.46 of the Commission's regulations thus terminating the limitations imposed on the facility by the Commission's December 27, 1974 Order for Modification of License.

The application for 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

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appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Notice of Proposed Issuance of Amendment to Facility Operating License in connection with this action was published in the FEDERAL REGISTER October 17, 1975 (40 FR 48735). No request for a hearing or petition for leave to intervene was filed following notice of the proposed action.

For further details with respect to this action, see (1) the applications for amendment dated July 14, 1975 [as supplemented October 10, October 28, November 7 (Proprietary Information appended), November 21, and November 26, 1975]; July 8, 1975 (as supplemented November 24, and November 26, 1975); and September 23, 1975; (2) Amendment No. 21 to License No. DPR-3, with Change No. 126; (3) the Commission's related Safety Evaluation; and (4) the Commission's Negative Declaration dated November 5, 1975, which is being published concurrently with this notice, and associated Environmental Impact Appraisal. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, D.C. and at the Greenfield Public Library, 402 Main Street, Greenfield, Massachusetts 01581.

A copy of items (2), (3), and (4) may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this DEC 4 1975

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
R. A. Purple

Robert A. Purple, Chief
Operating Reactors Branch #1
Division of Reactor Licensing

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DATE →	12/1/75	12/1/75	12/1/75	12/4/75	12/4/75

PRELIMINARY DETERMINATION

NOTICING OF PROPOSED LICENSING AMENDMENT

LICENSEE: Yankee Atomic Electric Company (Yankee-Rowe)
REQUEST FOR: Amendment to operating license to permit operation of Yankee-Rowe with Core XII.

REQUEST DATE: July 14, 1975 and October 10, 1975 (Core XII ECCS/FAC Analysis)

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

BASIS FOR DECISION: Core XII reloading involves 40 new Exxon fuel assemblies that are significantly different from the remaining 36 Gulf fuel assemblies in Core XII and those used and analyzed for preceding cores. Changes are made in the bases of the Tech Specs relating to kW/ft and F_Q which are derived from the Core XII ECCS/FAC analysis. The analytical methods used (developed by Exxon as specifically applicable to Yankee-Rowe) to demonstrate conformance with the bases are methods that have not previously been reviewed and approved by NRC.

For the above reasons, this action involves significant hazards considerations (Example: RLOP 601, Rev. 3, Item 5) and should be pre-noticed.

CONCURRENCES:

DATE:

1. A. Burger *A. Burger* 10/10/75
2. R. A. Purple *R. A. Purple* 10/10/75
3. E. R. Goller *KRG* 10/10/75
4. GELD *A. Schick* 10/14/75