

YANKEE ATOMIC ELECTRIC COMPANY

B.3.2.1
PC-163-3



20 Turnpike Road Westborough, Massachusetts 01581

WYR 78-100

November 21, 1978

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

Attention: Office of Nuclear Reactor Regulation
Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

References: (a) License No. DPR-3 (Docket No. 50-29)
(b) YAEC letter to USNRC dated September 8, 1978,
Proposed Change No. 163
(c) YAEC letter to USNRC dated November 21, 1978

Dear Sir:

Subject: Core XIV Refueling

Pursuant to Section 50.59 of the Commission's Rules and Regulations, the Yankee Atomic Electric Company hereby requests the authorization to make the following change.

PROPOSED CHANGE:

Reference is made to the Technical Specifications of License No. DPR-3 and References (b) and (c) above.

1. Modify Figure 3.2.1 of the Technical Specifications as specified on the attached page.

BASIS FOR CHANGE:

The modification to Figure 3.2.1 of the Technical Specifications is to add an additional limit on the Allowable Peak Rod Linear Heat Generation Rate. The added limit is for the recycled fuel from Core XIII which will have the highest linear heat generation rate during Core XIV (called high power exposed fuel). This additional limit will assure plant operation within the limits defined by the LOCA analyses discussed in Reference (b) for the recycled fuel.

Reference (c) provides additional information concerning the bases for this change.

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SAFETY CONSIDERATIONS:

Based on the considerations contained herein, it is concluded that there is reasonable assurance that operation of the Yankee Rowe plant, consistent with the proposed Technical Specification, will not endanger the health and safety of the public. This proposed change has been reviewed by the Nuclear Safety Audit and Review Committee.

FEE DETERMINATION:

This proposed change supplement provides a replacement curve (Figure 3.2.1) for our original proposed change submittal of September 8, 1978 (Reference b). The addition of this curve does not introduce any new unreviewed safety issue or significant hazards consideration as determined in reference (b) for which a Class III fee of \$4,000.00 was paid.

Yankee Atomic Electric Company believes that the Commission's revised fee schedule is illegal, and has petitioned for review thereof to the U. S. Court of Appeals for the Fifth Circuit. Accordingly, the license fee filed herewith is submitted under protest, and without waiver of the Company's right to contend that it should be refunded in whole or in part.

SCHEDULE OF CHANGE:

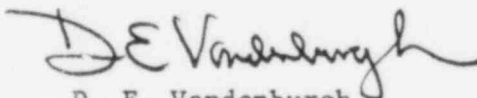
This change to the Yankee Rowe Technical Specifications will be implemented upon Commission approval. A timely review and approval of this submittal, consistent with our schedule for Core XIV startup, would be appreciated. Core XIV is scheduled to commence on or about December 2, 1978.

This submittal is supplement No. 1 to Proposed Change No. 163 which was submitted on September 8, 1978, letter No. WYR 78-79.

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

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



D. E. Vandenberg
Senior Vice President

RJC/em

COMMONWEALTH OF MASSACHUSETTS)

) ss

COUNTY OF WORCESTER)

November 21, 1978

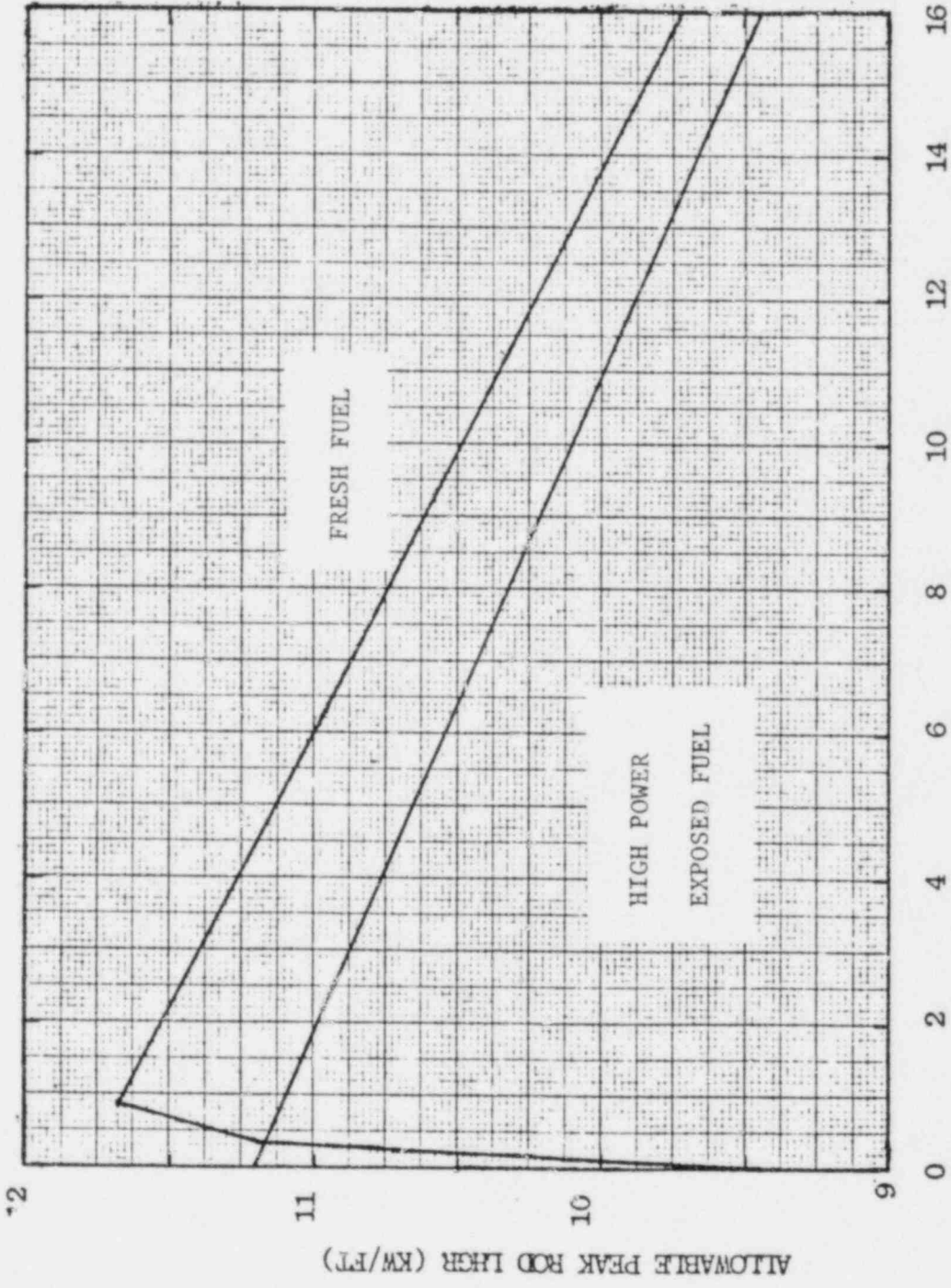
Then personally appeared before me, D. E. Vandenberg, who, being duly sworn, did state that he is a Senior Vice President of Yankee Atomic

Electric Company, that he is duly authorized to execute and file the foregoing request in the name and on the behalf of YANKEE ATOMIC ELECTRIC COMPANY, and that the statements therein are true to the best of his knowledge and belief.

Robert H. Groce

Robert H. Groce Notary Public
My Commission Expires September 14, 1984





Core XIV Cycle Average Burnup (10³ MWD/MTU)
 CORE XIV ALLOWABLE PEAK ROD LHGR VERSUS CYCLE BURNUP

Figure 3.2.1

YANKEE -- ROWE