

REGULATORY COMMISSION

YANKEE ATOMIC ELECTRIC COMPANY



20 Turnpike Road Westborough, Massachusetts 01581

November 21, 1975

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

Attention: Office of Nuclear Reactor Regulation

Reference: (1) License No. DPR-3 (Docket No. 50-29)
(2) Proposed Change No. 125 (July 14, 1975)
(3) Proposed Change No. 125, Supplement No. 1 (October 10, 1975)
(4) Proposed Change No. 125, Supplement No. 2 (October 28, 1975)
(5) Letter from R. A. Purple to R. H. Groce, dated October 30, 1975 regarding questions on Proposed Change No. 125.
(6) Proposed Change No. 125, Supplement No. 3 (November 7, 1975)
(7) Proposed Change No. 125, Supplement No. 4 (November 20, 1975)

Subject: Core XII Analysis

Dear Sir:

In response to discussion with the NRC technical review staff on November 20 and 21, 1975, the attached revision to Reference (7) is hereby transmitted to you.

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

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

D. E. Vandenburg
D. E. Vandenburg
Vice President

COMMONWEALTH OF MASSACHUSETTS)

) ss.

COUNTY OF WORCESTER)

Then personally appeared before me, D. E. Vandenburg, who being duly sworn, did state that he is a 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.

Armand R. Soucy
Armand R. Soucy Notary Public
My Commission Expires September 9, 1977

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Question:

What is Yankee's inspection program for the Exxon Nuclear Company fuel at the next refueling?

Response:

Yankee will conduct a post-irradiation examination of at least 5 of the 40 Core XII Exxon reload assemblies during the next two refueling outages. In the event that any of these 40 assemblies are irradiated for a third cycle, or other Exxon fuel assemblies are exposed to significantly higher levels than attained by the initial reload, examinations will also be performed during subsequent outages to insure the satisfactory operation of the Exxon fuel through the highest exposure levels expected.

Specific components to be examined include the top and bottom nozzles, the guide bars, the spacers and fuel tubes. The inspection of these components will include visual observations of weld integrity, inspection for distortion and abrasion, observation for bow, crud and discoloration, and other general characteristics to determine the effects of reactor operation. The results of these inspections will be evaluated and, if deemed appropriate, integrated into the design efforts for future reloads; any abnormalities observed will be reported to the NRC within 10 days. The final results of the inspections will be provided to the NRC within 90 days of the completion of the efforts.

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FILE: _____

FROM: Yankee Atomic Company Westborough, Mass D E Vandenburg			DATE OF DOC 11-21-75	DATE REC'D 11-25-75	LTR XXX	TWX	RPT	OTHER
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CLASS	UNCLASS XXXXXX	PROP INFO	INPUT	NO CYS REC'D 3		DOCKET NO: 50-29		

DESCRIPTION:

Ltr notarized 11-21-75....trans the following:

ENCLOSURES:

Suppl #4 to the Tech Specs change #125 dtd 7-14-75.....furnishing info concerning core XII analysis.....(40 cys enci rec'd)

PLANT NAME: Yankee Rowe

FOR ACTION/INFORMATION 11-25-75 ehf

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