

YANKEE ATOMIC ELECTRIC COMPANY

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FYR 85-85

August 12, 1985

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

Attention: Mr. John A. Zwolinski, Chief
Operating Reactors Branch No. 5
Division of Licensing

References: (a) License No. DPR-3 (Docket No. 50-29)
(b) USNRC Letter to YAEC, dated May 22, 1985
(c) YAEC Letter to USNRC, dated June 26, 1985

Subject: LOCA Analysis

Dear Sir:

This letter provides an update to Yankee's response in Reference (c) to the USNRC's Question No. 4 in Reference (b).

In Reference (c), Yankee stated that:

- (1) It took action to limit movement of Control Rod Group C between 80-84 inches to maintain the plant within the bounds of the current analyses through 11,000 MWd/Mtu.
- (2) It modified the limit on the movement of Control Group C to 80-83 inches through 12,500 MWd/Mtu, or essentially the end of full power life.

Reference (c) states that the control rod restrictions for coastdown were under evaluation. The evaluation has been completed, and we intend to restrict the movement of control rods during the coastdown as follows:

- (1) Control Rod Group C will be restricted to 80-83 inches during full coastdown power operations until the plant reaches 80% of rated full power.
- (2) At or below 80% of rated full power, Control Rod Group C will be withdrawn to its full-out position (90 inches) at a not-to-exceed rate of 2 inches per day. The power level during the rod withdrawal will be maintained below 85% and the maximum linear heat generation rate will not exceed 8.9 kW/ft.

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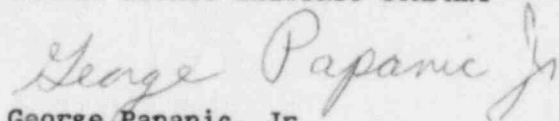
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- (3) The plant will be maintained in the all rods out condition for the remainder of full coastdown power operation until shutdown for refueling.

All of the above specified actions taken by Yankee insure that the plant's operation complies with 10CFR50.46 requirements.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



George Papanic, Jr.
Senior Project Engineer
Licensing

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