

April 9, 1987

Docket No. 50-309

Mr. J. B. Randazza
Executive Vice President
Maine Yankee Atomic Power Company
83 Edison Drive
Augusta, Maine 04336

Dear Mr. Randazza:

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The Commission has issued the enclosed Amendment No. 96 to Facility Operating License No. DPR-36 for the Maine Yankee Atomic Power Station. This amendment consists of changes to the Technical Specifications (TS) in response to your applications dated January 12 and January 21, 1987.

This amendment modifies the Maine Yankee Technical Specifications (TS) to reflect the operating limits for the Cycle 10 reload core as follows: (1) The steady state peak linear heat rate would be modified to reflect Cycle 10 specified acceptable fuel design limits for prevention of centerline melting; (2) The text would be modified to clarify that each fuel type has its own linear heat generation rate limit; (3) The figure in the TS which describes the Power Dependent Insertion Limit would be modified to reflect Cycle 10 control element assembly insertion limit; (4) The figure in the TS which describes the Allowable Unrodded Radial Peak versus Cycle A Average Burnup would be modified to reflect Cycle 10 radial peaking; and (5) The figure in the TS which describes the Allowable Power Level versus Increase In Total Radial Peak would be modified to reflect Cycle 10 power distributions and Reactor Protection System setpoints.

A copy of the Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

/s/
Patrick M. Sears, Project Manager
PWR Project Directorate #8
Division of PWR Licensing-B

Enclosures:

1. Amendment No. 96 to DPR-36
2. Safety Evaluation

cc w/enclosures

See next page

PBD#8: DLB	PBD#8: DLB
PKreutzer	PSears
1/87	3/27/87

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OGC Beth

M. R. Korman
4/10/87

[Signature]

PBD#8

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Mr. J. B. Randazza
Maine Yankee Atomic Power Company

Maine Yankee Atomic Power Station

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