



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555-0001

March 15, 1994

Docket No. 50-309

Mr. Charles D. Frizzle, President
Maine Yankee Atomic Power Company
83 Edison Drive
Augusta, Maine 04336

Dear Mr. Frizzle:

SUBJECT: ISSUANCE OF AMENDMENT NO. 144 TO FACILITY OPERATING LICENSE NO.
DPR-36, MAINE YANKEE ATOMIC POWER STATION (TAC NO. M85794)

The Commission has issued the enclosed Amendment No. 144 to Facility Operating License No. DPR-36 for the Maine Yankee Atomic Power Station. This amendment is in response to your application dated January 25, 1993, as supplemented by letters dated November 3 and 23, and December 9, 1993, and January 5 and 24, 1994.

This amendment increases the maximum number of spent fuel assemblies that can be stored in the Maine Yankee fuel pool to 2019 from 1476. The increase in fuel storage capacity is required so that storage space is available for spent fuel through the duration of the current operating license, including the final full core offload.

There are 10 changes to the Maine Yankee Atomic Power Station Technical Specifications attendant to this amendment. Eight of the changes address the technical aspects of the amendment (restrictions on fuel movement, spent fuel decay time, storage locations, etc.), while two changes are editorial. The changes to Maine Yankee Technical Specifications as a result of this amendment are provided as the attachment to Enclosure 1.

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A copy of the related Safety Evaluation is also enclosed. Notice of Issuance will be included in the Commission's biweekly Federal Register Notice.

Sincerely,

E. H. Trottier
E. H. Trottier, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 144 to License No. DPR-36
2. Safety Evaluation

cc w/enclosures:

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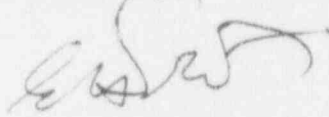
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Sincerely,



E. H. Trottier, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No. 144 to
License No. DPR-36
2. Safety Evaluation

cc w/enclosures:
See next page

Mr. Charles D. Frizzle

Maine Yankee Atomic Power Station

cc:

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