



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

October 22, 1970

Docket No. 50-29

Yankee Atomic Electric Company
ATTN: L. E. Minnick
Vice President
441 Stuart Street
Boston, Massachusetts 02116

Change No. 94
License No. DPR-3

Gentlemen:

This refers to your request dated July 15, 1970, for AEC authorization of Proposed Change No. 94 to the Technical Specifications of Facility License No. DPR-3 for the Yankee reactor. The proposed change would allow operation of the Yankee reactor with the fuel loading configuration of Core IX.

We have reviewed the proposed loading of new and irradiated fuel assemblies into the three-regional pattern of Core IX. We have also evaluated the methods and results of your nuclear and thermal analyses and the adequacy of the proposed control rod program, in conjunction with the initial restriction on reactor power level to maintain the thermal conditions of Core IX within acceptable limits. On the basis of these reviews and of our review of Yankee's past and present experience with similar core loadings, we have determined that the reactor can be operated safely with the proposed Core IX.

We have concluded that the proposed change does not present significant hazards considerations not described or implicit in the Final Hazards Summary Report, and that there is reasonable assurance that the health and safety of the public will not be endangered by operation of the Yankee reactor in the manner proposed.

Accordingly, pursuant to Section 50.59, 10 CFR 50, Proposed Change No. 94 is hereby authorized.

Sincerely,

Peter A. Morris, Director
Division of Reactor Licensing

cc: C. Duane Blinn, Esq.
Day, Berry and Howard
Counselors at Law
1 Constitution Plaza
Hartford, Connecticut 06103

8011140

425

P