



UNITED STATES  
ATOMIC ENERGY COMMISSION

WASHINGTON, D.C. 20545

SEP 13 1963

Doc No. 50-29

Yankee Atomic Electric Company  
441 Stuart Street  
Boston 16, Massachusetts

Change No. 36

Attention: Mr. Roger J. Coe  
Vice President

Gentlemen:

This refers to your request, dated June 7, 1963, and supplements thereto, dated July 1 and 25, 1963, designated Proposed Change No. 36, requesting authorization to amend the Technical Specifications of Facility License No. DPR-3 pursuant to the provisions of Section 50.59, 10 CFR 50. Proposed Change No. 36 would authorize the proposed loading configuration for Core III and the use of boric acid during power operation with this core.

The Proposed Change was reviewed by the Advisory Committee on Reactor Safeguards at its July 11-13, 1963, meeting. In its letter to the Commission regarding the matter, the Committee stated that, on the basis of the information presented, they believed the proposed Core III loading and operation up to full power with boric acid in the primary coolant may be carried out without undue hazard to the health and safety of the public. A copy of their letter is enclosed.

We have also reviewed Proposed Change No. 36, pursuant to the provisions of Section 50.59, 10 CFR 50, and have concluded there is reasonable assurance that the health and safety of the public will not be endangered thereby. We believe, however, that the proposed reporting requirements to be incorporated into the Technical Specifications should be revised as set forth below. A copy of our related hazards analysis is enclosed.

In view of the foregoing, Proposed Change No. 36 is hereby authorized pursuant to Section 50.59, 10 CFR 50, except that Section D.2.a.(8) of the Technical Specifications as proposed therein is modified to read as follows:

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"The Commission shall be immediately notified should an unexplained reactivity change greater than 0.8%  $\Delta$  K/K take place at any time subsequent to the first week of full power operation. This reporting requirement shall be in effect only when the boron concentration in the primary system exceeds 80 ppm and within one week after a reduction to a boron concentration of less than 80 ppm."

Sincerely yours,

(Signed)

Eber R. Price, Assistant Director

Division of Licensing and Regulation

R. Lowenstein, Director

Division of Licensing & Regulation

Enclosures:

ACRS Report

Hazards Analysis

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