

NOV 27 1985

Mr. George Papanic, Jr.
Senior Project Engineer - Licensing
Yankee Atomic Electric Company
1671 Worcester Road
Framingham, Massachusetts 01701

Dear Mr. Papanic:

SUBJECT: CORE XVIII RELOAD SAFETY EVALUATION

Re: Yankee Nuclear Power Station

By letter dated August 30, 1985, the Yankee Atomic Electric Company (YAEC) submitted analyses to support operation of the Yankee Nuclear Power Station for cycle XVIII. Additional information was provided by YAEC on November 21, 1985. The staff has reviewed the information, and has determined that the core XVIII analyses comply with the requirements of Section I.A of Appendix K to 10 CFR Part 50, and with 10 CFR 50.46.

Enclosed is the staff's safety evaluation for the review of the reload analysis. The staff authorizes return to power and operation of Yankee for Cycle XVIII.

Sincerely,



George E. Lear, Director
PWR Project Directorate #1
Division of PWR Licensing-A

Enclosure:
As stated

cc: See next page

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Mr. George Papanic, Jr.
Yankee Atomic Electric Company

Yankee Nuclear Power Station

cc:

Mr. James E. Tribble, President
Yankee Atomic Electric Company
1671 Worcester Road
Framingham, Massachusetts 01701

Thomas Dignan, Esquire
Ropes and Gray
225 Franklin Street
Boston, Massachusetts 02110

Mr. N. N. St. Laurent
Plant Superintendent
Yankee Atomic Electric Company
Star Route
Rowe, Massachusetts 01367

Chairman
Board of Selectmen
Town of Rowe
Rowe, Massachusetts 01367

Resident Inspector
Yankee Nuclear Power Station
c/o U.S. NRC
Post Office Box 28
Monroe Bridge, Massachusetts 01350

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Robert M. Hailisey, Director
Radiation Control Program
Massachusetts Department of Public Health
150 Tremont Street, 7th Floor
Boston, Massachusetts 02111