



John C. Brons
Senior Vice President
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April 18, 1986
IPN-86-16

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. Steven A. Varga, Director
PWR Project Directorate No. 3
Division of PWR Licensing-A

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Proposed Changes to Technical Specifications
Related to Total Core Peaking Factor, F_Q

References: 1. Letter to S. A. Varga from J. P. Bayne dated
May 5, 1983 (IPN-83-37), entitled: "Proposed
Changes to the Technical Specifications
Related to Safety Limit, Reactor Core and
Control Rod and Power Distribution Limits,
Shutdown Reactivity."

Dear Sir:

This application seeks to amend Appendix A, Section 3.10 of the Operating License to increase the full power total core peaking factor, F_Q limit to less than or equal to 2.20. The proposed change is based on Rescission of Order of July 5, 1985, which rescinds the requirements of the Confirmatory Order of February 11, 1980. Item A.1 of Appendix A to that Order required that the reactor power level be maintained such that the calculated fuel peak clad temperature (PCT) would not exceed 2000°F under large break LOCA conditions. This limitation resulted in the necessity to reduce F_Q.

As Item A.1 of the Order has been rescinded, the 2200° F PCT requirement of 10 CFR 50.46 is currently applicable. The results of the ECCS reanalysis assuming a F_Q of 2.20, which were transmitted by Reference 1, satisfy the requirements of 10 CFR 50.46. As detailed in the safety evaluation provided by Attachment II to this letter, the effects of steam generator tube plugging asymmetry and Optimized Fuel Assembly fuel do not necessitate a reduction in the F_Q value of 2.20 in order to satisfy the requirements of 10 CFR 50.46.

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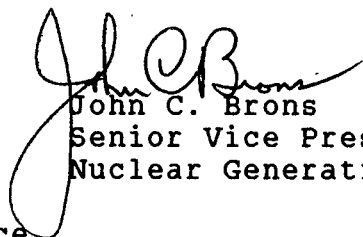
Enclosed for filing are three (3) signed originals and nineteen (19) copies of a document entitled, "Application for Amendment to Operating License," together with forty (40) copies of Attachment I and II thereto, comprising a statement of the proposed changes to the Technical Specifications and the associated Safety Evaluation.

In accordance with 10 CFR 170.12, a check in the amount of \$150.00 is enclosed as payment of the application fee for the review of these proposed changes to the Technical Specifications.

In accordance with 10 CFR 50.91, a copy of this application and the associated attachments is being submitted to the designated New York State Official.

Should you or your staff have any questions regarding this matter, please contact Mr. P. Kokolakis of my staff.

Very truly yours,


John C. Brons
Senior Vice President
Nuclear Generation

cc: Resident Inspector's Office
Indian Point Unit 3
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