



John C. Brons  
Executive Vice President  
Nuclear Generation

May 9, 1988  
IPN-88-018

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Proposed Technical Specifications Regarding  
Spent Fuel Pool Storage Capacity Expansion

Dear Sir:

This application seeks to revise Appendix A, Sections 3.8, 5.3 and 5.4 of the Indian Point 3 Operating License. The proposed change would allow the replacement of the existing high density spent fuel storage racks with maximum density storage racks. This replacement will result in an increase in the spent fuel storage capability of the spent fuel pool.

The Indian Point 3 spent fuel pool currently has 840 total storage cells. There are currently 368 fuel assemblies stored in the spent fuel pool. By 1994, it is expected that full core discharge capability will not be available. In order to expand the storage capacity of the spent fuel pool, the existing high density storage racks will be replaced with maximum density storage racks. The design of the replacement racks will facilitate a more dense storage of spent fuel. The replacement will result in a spent fuel pool storage capacity of 1345 fuel assemblies. This replacement effort is in accordance with the objective of the Nuclear Waste Policy Act of 1982 which requires that licensees exhaust all means of storing spent fuel on the plant site before the Department of Energy can take spent fuel for storage offsite.

The maximum density storage racks are designed for a fuel enrichment of up to 4.5 w/o U-235, which is higher than the currently allowable maximum of 4.3 w/o U-235. This application also seeks to increase the maximum fuel enrichment allowed in the spent fuel pool and the reactor core from 4.3 w/o to 4.5 w/o U-235.

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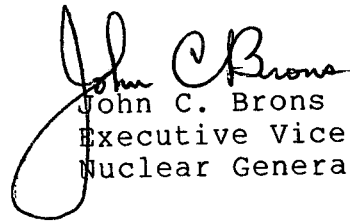
Enclosed for filing is the signed original of a document entitled, "Application for Amendment to Operating License," together with one copy of Attachment I and II thereto, comprising a statement of the proposed changes to the Technical Specifications and the associated Safety Evaluation.

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

John C. Brons  
Executive Vice President  
Nuclear Generation

cc: Resident Inspector's Office  
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