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Vice President

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August 14, 1996

Re: Indian Point Unit No. 2
Docket No. 50-247

Document Control Desk
US Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

SUBJECT: Request For Plant Specific Approval Of Best Estimate Large Break LOCA Analysis and Proposed Changes To Technical Specifications To Utilize For Indian Point Unit No. 2

Transmitted herewith are the original and two (2) copies of an "Application for Amendment to the Operating License". This Application requests approval to apply the Westinghouse generic Best Estimate Large Break LOCA Analysis methodology using the WCOBRA/TRAC computer code to Indian Point Unit No. 2 and requests an Amendment to the Consolidated Edison Company of New York's (Con Edison), Indian Point Unit No. 2 Technical Specifications to allow use of methodology. In accordance with 10 CFR 50.91, a copy of this application and the associated attachments are being submitted to the designated New York State Official.

Approval of the Westinghouse generic Best Estimate Large Break is contained in NRC Safety Evaluation Report TAC No. M83964 dated June 28, 1996. A plant specific analysis has been performed for Con Edison's Indian Point Unit No. 2 using the approved methodology as documented in EPRI-TR-103391/WCAP-13837. This application will demonstrate that the Indian Point Unit No. 2 specific analysis complies with the generic analysis.

This application for amendment to the Con Edison Indian Point Unit No. 2 Technical Specifications seeks to amend Section 3.3 (Engineered Safety Features, the basis of Section 3.3, the basis of Section 3.6 (Containment), the basis of Section 3.10 (Control Rods) and Section 6.9.1.9 (Core Operating Limits Report (COLR))). These changes are being made to incorporate the best estimate approach into the licensing basis for the Indian Point Unit No. 2 large break LOCA analyses in accordance with 10 CFR 50.46, Regulatory Guide 1.157, Westinghouse "Code Qualification Document For Best Estimate LOCA Analysis," WCAP-12945-P, Volumes I-V and the NRC Safety Evaluation Report referenced above, and to revise the Technical Specification limits for several plant parameters used in the analysis.

The proposed changes are contained in Attachment I to the Application for Amendment enclosed with this letter, while the associated Safety Assessment is provided in Attachment II.

After approval is received, a 10 CFR 50.59 Safety Evaluation will be performed to incorporate best estimate LOCA into the licensing basis for Indian Point Unit No. 2 and the UFSAR will be updated to present the inputs and results for the Indian Point Unit No. 2 Best Estimate Large Break LOCA analysis as per 10 CFR 50.71(e). The COLR will also be updated via plant procedures. The Indian Point

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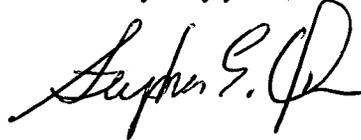
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Unit No. 2 Cycle 13 Safety Evaluation has already been approved by Con Edison based on the use of both Appendix K Methodology and Best Estimate Methodology.

Con Edison would like to utilize the results in achieving safety margins and economical benefits for the next fuel cycle, Cycle 14, which we are now designing. We would also like to use the results as soon as possible for its current cycle to demonstrate additional margin. We therefore request that you review our submittal as soon as possible.

Should you or your staff have any questions regarding this matter, please contact Mr. Charles W. Jackson, Manager, Nuclear Safety and Licensing.

Very truly yours,



Attachments

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