



January 18, 1991
IPN-91-001

U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Attn: Document Control Desk

Subject: **Indian Point 3 Nuclear Power Plant**
Docket No. 50-286
NRC Bulletin 88-11: "Pressurizer Surge Line Thermal Stratification"

- References:
1. NYPA Letter, W.A. Josiger to C.E. Rossi, "NRC Bulletin No. 88-11: Pressurizer Surge Line Thermal Stratification," dated March 21, 1989.
 2. NYPA Letter, W.A. Josiger to C.E. Rossi, "NRC Bulletin No. 88-11: Pressurizer Surge Line Thermal Stratification," dated May 30, 1989.
 3. NRC Letter, J.D. Neighbors to J.C. Brons, "NRC Bulletin No. 88-11: Evaluation of WOG Bounding Analysis for Indian Point 3," dated August 17, 1990.

Dear Sir:

By letter dated March 21, 1989 (Reference 1), the Authority committed to perform all analyses for the pressurizer surge line thermal stratification issue within two years from receipt of Bulletin 88-11. When this commitment was made the Authority had planned to use a Westinghouse Owners' Group (WOG) generic detailed analysis to show that the surge line could last until the end of its design life. The WOG completed the generic detailed analysis on groupings of plants with surge line stress and fatigue conditions similar to those of Indian Point Unit 3 (IP3) in July 1990. At that time, it was evident that the analysis would not bound IP3. Therefore, the Authority initiated a program to perform a plant specific evaluation of the surge line. The Authority and Con Edison have jointly issued a contract to Westinghouse to perform this plant specific evaluation for both of the Indian Point facilities. The Authority expects the evaluation to be completed in the third quarter of 1991.

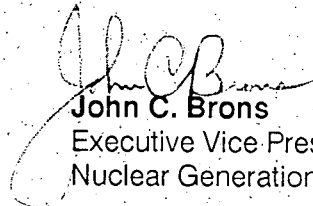
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The Authority, as a member of the WOG, has been participating in the WOG program to evaluate the effects of thermal stratification on surge line integrity. Based on a WOG bounding analysis, the Authority submitted a Justification for Continued Operation (JCO) by Reference 2. The NRC evaluation of this analysis (Reference 3) concluded that there are no short-term safety concerns associated with the thermal stratification effects for a duration of 10 additional heatup/cool-down cycles. Since the data for the bounding analysis was provided to Westinghouse in February 1989, IP3 has completed four (4) heatup/cool-down cycles.

If you have any questions, please contact Mr. P. Kokolakis of my staff.

Very truly yours,


John C. Brons
Executive Vice-President
Nuclear Generation

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