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LRN-01-0216



United States Nuclear Regulatory Commission
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Washington, DC 20555

Gentlemen:

**INCREASE IN LICENSED POWER LEVEL
SAFETY EVALUATION REPORT CLARIFICATIONS
SALEM GENERATING STATION, UNIT NOS. 1 AND 2
FACILITY OPERATING LICENSE DPR-70 AND DPR-75
DOCKET NOS. 50-272 AND 50-311**

On May 25, 2001, the NRC issued Amendment Nos. 243 and 224 for Salem Units 1 and 2 respectively. These amendments approved an increase in licensed power level for Salem Units 1 and 2 from 3411 megawatts thermal (MWt) to 3459 MWt.

On page 25 of the NRC's Safety Evaluation Report (SER) for Amendments 243 and 224, the NRC reiterated PSEG Nuclear's response to a question submitted on April 20, 2001 by letter LRN-01-0099. PSEG Nuclear stated in letter LRN-01-0099 that:

"The review of the stability analysis by the PJM Interconnection LLC for the increase in power level has been completed. This review indicates that for one of the cases evaluated the operating parameters for PSEG Nuclear will require minor changes to the minimum MVAR limits due to the increase in power level. The Artificial Island Operating Guide (AIOG) which controls the MW and MVAR operating curves specified by the PJM Interconnection for Salem and Hope Creek will be revised to incorporate these changes as part of the implementation plan for the increased power level."

Subsequent to the submittal of the April 20, 2001 letter, and the issuance of Amendments 243 and 224, the PJM Interconnection LLC performed a more detailed re-evaluation of the stability analysis for the increase in power level. Based upon this re-evaluation, the PJM Interconnection LLC determined that revision to the AIOG was no longer required for the increase in power level for Salem Units 1 and 2. Therefore PSEG Nuclear is submitting this letter to update our previous commitment from revising the AIOG to state that no changes to the AIOG operating curves are required due to the increase in licensed power level.

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In reviewing the SER for Amendments 243 and 225, PSEG identified that there was a typographical error on page 21. The NRC SER states that "...PSEG's calculation found the feedwater instrumentation measurement uncertainty to be within 20 °F of the 434.6 °F nominal setpoint value." The statement should be revised to state that the feedwater instrumentation measurement uncertainty to be within 2 °F instead of 20 °F.

Should you have any questions regarding this submittal, please contact Mr. Brian Thomas at (856)339-2022.

Sincerely,

A handwritten signature in black ink, appearing to read "G. Salamon", with a long horizontal flourish extending to the right.

G. Salamon
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Licensing

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