



MAR 09 2007
LR-N07-0057

United States Nuclear Regulatory Commission
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Washington, DC 20555

SALEM GENERATING STATION – UNIT 1
FACILITY OPERATING LICENSE NO. DPR-70
NRC DOCKET NO. 50-272

Subject: **SUPPLEMENTAL INFORMATION ON LCR S07-01
ONE TIME LICENSE CHANGE REQUEST
STEAM GENERATOR ALTERNATE REPAIR CRITERIA (17 INCH
INSPECTION DISTANCE)**

References: (1) Letter from PSEG to NRC: LCR S07-01, "One Time License Change Request, LCR S07-01, Steam Generator Alternate Repair Criteria (17 Inch Inspection Distance), Salem Nuclear Generating Station - Unit 1, Docket No. 50-272, Facility Operating License DPR-70," dated January 18, 2007

(2) Letter from PSEG to NRC: "Response to RAIs on LCR S07-01, One Time License Change Request, LCR S07-01, Steam Generator Alternate Repair Criteria (17 Inch Inspection Distance)," Salem Nuclear Generating Station - Unit 1, Docket No. 50-272, Facility Operating License DPR-70," dated February 23, 2007

In Reference 1, PSEG Nuclear LLC (PSEG) submitted License Change Request (LCR) S07-01, dated January 18, 2007, to amend the Technical Specifications (TS) for Salem Generating Station Unit 1. LCR S07-01 proposed a one time license change for a 17 inch inspection length alternate repair criteria for Salem Unit 1 Steam Generators.

In Reference 2, PSEG responded to a Request for Additional Information (RAI) from the NRC Staff on LCR S07-01. During a conference call on March 1, 2007, PSEG's response to NRC RAIs 1 and 2, (provided in Reference 2), was discussed. Specifically, the NRC questioned the impact of variations in the thermal expansion coefficient (TEC)

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for the tubesheet collar specimens used in tests conducted by Westinghouse Electric Company, LLC (Westinghouse).

Westinghouse has subsequently performed a study on the possible variability of the TEC, and the effect it may have on the H*/B* criteria. The results show that for the worst-case condition of a steam generator cold leg with a non-functional divider plate and a low TEC, the maximum H*/B* depth is 13.0 inches. An H* depth of 13.0 inches is a 1.4 inch increase in the limiting cold leg steam line break case over the previously reported results using the nominal TEC value and a non-functional divider plate. This shows that worst-case TEC does not significantly impact the H* distance or significantly impinge on the available margin for the requested 17 inch inspection depth.

The information provided in this letter supplements the analysis for the original license change request provided in Reference 1. The conclusions of the No Significant Hazards Consideration and the Environmental Consideration provided in Reference 1 are not affected by this supplemental information.

In accordance with the requirements of 10 CFR 50.91(b)(1), a copy of this letter has been sent to the State of New Jersey.

PSEG requests approval of this license change request by March 27, 2007 to support the Salem Unit 1 Spring outage.

If you have any questions or require additional information, please do not hesitate to contact Mr. Jamie Mallon at (610) 765-5507.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 3/9/07
(Date)

Sincerely,



Thomas P. Joyce
Site Vice President
Salem Generating Station

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