

AUG 18 2005

LR-N05-0424



U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION (RAI)
REGARDING RELIEF REQUESTS S1-RR-04-V01 AND V02
SALEM NUCLEAR GENERATING STATION, UNIT NO. 1
FACILITY OPERATING LICENSES NO. DPR-70
DOCKET NO. 50-272**

References: LR-N04-0299, Inservice Inspection Program Relief Requests
S1-RR-04-V01 and V02 Salem Generating Station Unit 1, dated
July 9, 2004

LR-N04-0591 Response to Request for Additional Information Regarding
Relief Requests S1-RR-04-V01 and V02 Salem Nuclear Generating Station,
Unit No. 1 Facility Operating Licenses No. DPR-70 Docket No. 50-272,
dated January 6, 2005

On July 9, 2004, and January 6, 2005, PSEG Nuclear LLC (PSEG) submitted the referenced letters relative to the subject relief request. This would allow use of an alternate testing methodology to that specified in the American Society of Mechanical Engineers Code for Operation and Maintenance of Nuclear Power Plants OMa-1988, Part 10-4.3.2.1 for Accumulator Outlet Check Valves 11SJ55, 12SJ55, 13SJ55, 14SJ55, 11SJ56, 12SJ56, 13SJ56, and 14SJ56.

On March 24, 2005, a conference call between members of PSEG and the Nuclear Regulatory Commission (NRC) resulted in a verbal request for information and clarification relative to PSEG's response to the October 6, 2004 RAI Question 5. Specifically, PSEG had only modeled one of the lines, and proposed to use the results for the remaining three lines. However, differences in line resistance and Accumulator motor operated valve (MOV) SJ54 stroke characteristics could make this approach non-conservative. During this conference call, PSEG agreed to revise the calculation to perform an analysis of each line and submit the results to the NRC, along with appropriate revisions to the relief request.

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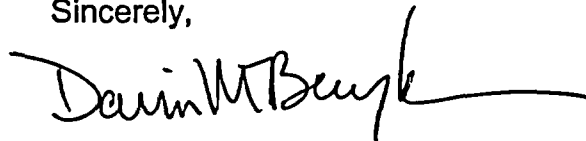
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Attachment 1 to this letter is calculation S-1-SJ-MDC-1539, Rev 2, "Accumulator Pressure Decay Time During Discharge Test", which is used to determine the acceptance criteria associated with the Alternate Testing. This calculation has been revised to account for individual line resistances and MOV stroke time characteristics. Additionally, the MOV SJ54 stroke times and accumulator pressure decay times are measured from when the valve disc begins to move. PSEG is requesting that the methodology presented in the calculation be accepted for the accumulator check valve testing relief request. Valves that fail to meet the times specified in the calculation will be opened and inspected.

Attachment 2 to this letter provides the appropriately revised relief requests S1-RR-04-V01 and V02. Attachment 3 to this letter provides a revised General Approach Proposed For Full Open Testing of Accumulator Check Valves.

If you have any questions or require additional information, please contact Mr. Enrique Villar at (856) 339-5456.

Sincerely,



Darin Benyak
Director – Regulatory Assurance

Attachments

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