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APR 23 2001

PSEG Nuclear LLC

LRN-01-0135

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Gentlemen:

INSERVICE INSPECTION PROGRAM
RELIEF REQUEST RR-B11
SUPPLEMENTAL INFORMATION
SALEM UNIT 1 GENERATING STATION
FACILITY OPERATING LICENSES DPR-70
DOCKET NOS. 50-272

Reference: Letter (No. LRN-01-0113) to USNRC Document Control Desk from G. Salamon, dated April 13, 2001, "Inservice Inspection Program Relief Request RR-B11"

In the above reference, PSEG Nuclear submitted to the Nuclear Regulatory Commission (NRC) an Inservice Inspection (ISI) relief request RR-B11 concerning the inspection of Reactor Pressure Vessel (RPV) flange-to-shell weld at Salem Generating Station, Unit 1. In a telephone conversation on April 19, 2001, the NRC Project Manager for Salem requested supplemental information supporting relief request RR-B11. Specifically, PSEG Nuclear was requested to provide coverage information on the weld inspection proposed in the relief request.

The coverage for the RPV-to-flange weld from the shell side is 90% of the required volume as depicted in figure IWB-2500-4 and would be the same for both examinations (either the ASME Section V Article 4 or the proposed ASME Section XI Appendix VIII Supplement 4 and 6 as modified by the Final Rule).

The coverage for the RPV-to-flange weld from the shell during the first interval was 61%. The improvement in coverage to 90% is due to the fact the transducers are no longer mounted together in one sled but rather they are spring loaded and individually suspended, allowing for more flexibility in the shell transition area.

The examination performed from the Reactor Pressure Vessel (RPV) flange surface earlier during this second interval provided 100% of the required volume from the flange surface.

It is concluded that the examination coverage of RPV-to-flange weld meets the requirements of Code Case N-460, *Alternative Examination Coverage for Class 1 and Class 2 Welds*, which requires the examination coverage of Class 1 welds be greater than 90%.

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Should you have any questions regarding this request, please contact Mr. Howard Berrick at 856-339-1862.

Sincerely,

G. Salamon
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