

LR-N05-0426  
SEP 13 2005



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

**PIPING STRUCTURAL INTEGRITY CALCULATION  
SALEM GENERATING STATION – UNIT 2  
DOCKET NO. 50-311  
FACILITY OPERATING LICENSE NO. DPR-75**

On July 6, 2005 PSEG experienced a through wall leak on a Service Water (SW) valve. In accordance with Section XI of PSEG's ASME Code of record, (1998 Edition, 2000 Addendum), an analytical evaluation was performed to demonstrate structural integrity.

In accordance with paragraph IWB-3144(b), PSEG is submitting the analytical evaluation for review.

Enclosed is a copy of the evaluation for your review. Should you have any questions regarding this matter, please contact Mr. Justin Wearne at (856) 339-5081.

Sincerely,

A handwritten signature in dark ink, appearing to read "Thomas P. Joyce", written over a horizontal line.

Thomas P. Joyce  
Site Vice President  
Salem Generating Station

Attachment

A047

SEP 13 2005

C: Mr. S. Collins, Administrator – Region I  
U. S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

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USNRC Senior Resident Inspector – Salem (X24)

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PSEG NUCLEAR LLC  
Vendor Technical Document 327928

Diaphragm Valve Evaluation