



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Nuclear Department

December 4, 1984

Dr. Thomas E. Murley, Administrator  
Region 1  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

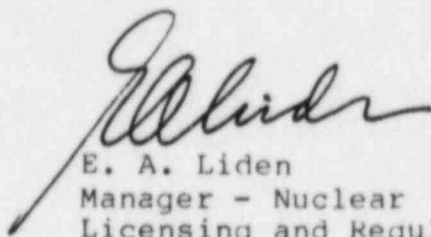
Dear Dr. Murley:

LICENSE NO. DPR-70  
DOCKET NO. 50-272  
NRC IE CIRCULAR 76-06  
SIXTY DAY OUTAGE REPORT VI  
SALEM GENERATING STATION

In accordance with the special requirements of IE Circular 76-06, we are forwarding to you our sixth report of examinations and surveillances used to provide the necessary measures of assurance that the integrity of piping systems containing stagnant borated water is being maintained.

If you have any questions in this regard, please do not hesitate to contact us.

Sincerely,



E. A. Liden  
Manager - Nuclear  
Licensing and Regulation

Attachment

C Mr. Donald C. Fischer  
Licensing Project Manager

Mr. James Linville  
Senior Resident Inspector

8412180642 841204  
PDR ADOCK 05000272  
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The Energy People

REPORT OF EXAMINATIONS, INSPECTIONS AND TESTS  
CONDUCTED DURING THE 1984 REFUELING OUTAGE

This is the sixth sixty-day report in accordance with the special reporting requirements of NRC, IE Circular 76-06 and IE Bullentin 79-17. This report is as follows:

1. LOCATION: Unit 1, Salem Generating Station,  
Hancocks Bridge, New Jersey 08038
2. OUTAGE: No. 6 February 24, 1984 to October 23, 1984
3. PURPOSE: Refueling Outage
4. SUMMARY: There were no adverse findings in any examinations, inspections and tests conducted relative to IEC 76-06 and IEB 79-17.
5. Examinations, inspection and tests conducted during the outage include:
  - a. Nine (9) nuclear class 2 welds in the Residual Heat Removal, Safety Injection and Chemical Volume Control systems were examined by ultrasonic methods during the outage.
  - b. Portions of Containment Spray, Safety Injection, and Chemical Volume Control Systems were flushed (and continue to be flushed) during the monthly pump capacity surveillance testing as per Surveillance Procedure SP (O) 4.0.5-P.
  - c. The Inservice Inspection Group, under the direction of the ISI Engineer, conducted an inspection of all areas in the North Penetration and Auxiliary Building wherein the subject piping systems are installed. Other than minor mechanical joint leakage (which were corrected) no discrepancies were noted.
  - d. Portions of the CVC-Operation System that do not contain sampling connections in certain stagnant piping are flushed by the Operating Department in accordance with SP (O) 4.0.5-P.
  - e. Chloride sampling and testing for chloride content of those samples of fluids in stagnant piping is conducted on a quarterly basis. During the past 15 months this program identified only four (4) nonconformances. The nonconforming piping was flushed and the situation corrected. This was verified by additional sample analysis. We will continue this sampling and analysis program as we have in the past.

f. Visual Service Pressure Leak Examinations were conducted on the following systems:

1. Safety Injection
2. Chemical and Volume Control
3. Residual Heat Removal
4. Containment Spray