



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

Nuclear Department

July 14, 1983

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

Gentlemen:

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

In accordance with the special requirements of IE Circular 76-06, we are forwarding to you our fifth 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 call.

Very truly yours,

E. A. Liden  
Manager - Nuclear  
Licensing and Regulation

Attachment

cc: Mr. L. Norrholm  
Senior NRC Resident Inspector

Mr. D. Fischer  
Licensing Project Manager  
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The Energy People

REPORT OF EXAMINATIONS, INSPECTIONS AND TESTS  
CONDUCTED DURING THE 1982/1983 REFUELING OUTAGE

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

1. LOCATION: Unit 1, Salem Generating Station, Hancock's Bridge, New Jersey 08038
2. OUTAGE: #4 from October 16, 1982 to May 21, 1983
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. Fifteen (15) nuclear class 2 welds in the Residual Heat Removal, Safety Injection, Chemical Volume Control and Containment Spray 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 (0) 4.0.5-P.
  - c. The Mechanical, Inspection, Examinations and Tests (MIET) Group, under the direction of the Inservice Inspection Engineer, conducted an inspection of all areas in the North Penetration and Auxiliary Building wherein the subject piping systems are installed.
  - 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 (0) 4.0.5-P.
  - e. Chloride sampling and testing for chloride content of those samples of fluids in stagnant piping was conducted on a quarterly basis. During the past 12 months there were no nonconformances identified.
  - 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