

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

Region I

Report No. 50-272/80-29

Docket No. 50-272

License No. DPR-70 Priority _____ Category C

Licensee: Public Service Electric and Gas Company
80 Park Plaza
Newark, New Jersey 07101

Facility Name: Salem Nuclear Generating Station, Unit 1

Inspection at: Hancocks Bridge, New Jersey

Inspection conducted: November 5-6, 1980

Inspectors: *R. J. Paolino*
R. J. Paolino, Reactor Inspector

11-24-80
date signed

Approved by: *S. D. Ebner*
S. D. Ebner, Chief, Engineering
Support Section #2, RC&ES Branch

11/24/80
date signed

Inspection Summary:

Inspection on November 5-6, 1980 (Report No. 50-272/80-29)

Areas Inspected: Routine, announced inspection by a regional based inspector of components associated with the component cooling Water System, Reactor Coolant Pump, Drain Tank, Letdown Heat Exchanger Flow and Discharge Control Panels to verify component installation as identified and reported by the licensee in response to NRC Bulletin No. 79-01B. The inspection involved 12 inspection hours on site by one NRC regional based inspector.

Results: No items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

Public Service Electric and Gas Company

*H. Lowe, Quality Assurance Engineer
*H. Midura, Station Manager
W. Reuther, Resident Quality Assurance Manager
R. Scaletti, Safety Supervisor
R. Silverino, Assistant to Station Manager

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*Wm. Hill, Resident Inspector

*denotes personnel present at the exit interview.

2. NRC Bulletin No. 79-01B Component Installation Verification

The inspector reviewed Piping and Instrumentation Diagrams (P&ID's), Arrangement Diagrams and Wiring Diagrams of select components installed outside containment to determine by visual observation whether these components are the components reported by the licensee as being installed in the respective area. Components examined for this determination were selected from the licensee's submittal dated June 2, 1980 containing the master listing of Environmental Qualification of Electrical Equipment. Documentation and components selected include the following:

- Reactor Coolant Pump, Drain Tank and Excess Letdown Heat Exchanger Flow and Discharge Controls Panel 311-1, Arrangement Drawing No. 205690, revision 19
- Reactor Coolant Pump, Drain Tank and Excess Letdown Heat Exchanger Flow and Discharge Control Panel 311-1, Wiring Diagram 218912, revision 12
- Electrical Penetration types and System Use, Arrangement Drawing 222701, revision 3
- Instrument Panel Location - Elevation 122' - 0 (Auxiliary Bldg.), Arrangement Drawing 211678, revision 8.

- Component Cooling Surge Tank Level, Arrangement and Wiring Diagram 231162, revision 12.
- Instrument Panel Location. Elevation 78' - 0" and 84' - 0" (Auxiliary Bldg.) Arrangement Drawing 211676, revision 13.
- Component Cooling Water Inlet and Outlet Control, Piping and Instrument Arrangement Drawing 240714, revision 3.
- Reactor Protection and Process Control Systems Auxiliary Coolant Interconnections. Wiring Diagram 220015, revision 5
- Component Cooling System. Instrument Schematic Drawing 207516, revision 13.
- Instrument Panel Locations. Elevation 100' - 0" and 111' - 0", Arrangement Drawing 211677, revision 9.
- Electrical Penetration 1-43, Connection Diagram 222706, revision 4.
- Control Panel Nos. 311-1, 401-1 and 743-1.
- Flow Transmitter Nos. FT-601A and FT-601B,
- Level Transmitter Nos. LT-628A and LT-628B
- Solenoid Valves No. SV-688 and SV-164.
- Penetration No. 1-43

The inspector verified that the component installation and identification is as reported by the licensee in response to NRC Bulletin No. 79-01B.

No items of noncompliance or deviations were identified.

3. Safety Evaluation Report

The information gathered during this inspection will be used as a data base to assist in the overall evaluation of the test data and details provided by the licensee in their report submittal. The final evaluation will be documented in a Safety Evaluation Report (SER) that is to be written for this licensee. The SER is planned to be issued for this site by February 1981.

4. Exit Interview

The inspector met with licensee representatives (denoted in Details, paragraph 1) at the conclusion of the inspection on November 6, 1980. The inspector summarized the purpose and the scope of the inspection and the findings.