



**PSEG**

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

**Nuclear Business Unit**

January 15, 1997

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Attn.: Document Control Desk

MONTHLY OPERATING REPORT  
SALEM NO. 1  
DOCKET NO: 50-272

In compliance with Section 6.9.1.6, Reporting Requirements for the Salem Technical Specifications, the original copy of the monthly operating report for the month of December is being sent to you.

Sincerely yours,

David F. Garchow  
General Manager -  
Salem Operations

RH:pc  
Enclosures

C Mr. H. J. Miller  
Regional Administrator USNRC, Region I  
475 Allendale Road  
King of Prussia, PA 19046

220048

1/1  
1224

9701220230 961231  
PDR ADOCK 05000272  
R PDR

The power is in your hands.

# OPERATING DATA REPORT

Completed by: Robert Phillips

Docket No: 50-272  
 Date: 01/10/97  
 Telephone: 339-2735

## Operating Status

1. Unit Name	<u>Salem No. 1</u>	<u>Notes</u>
2. Reporting Period	<u>December 1996</u>	
3. Licensed Thermal Power (MWt)	<u>3411</u>	
4. Nameplate Rating (Gross MWe)	<u>1170</u>	
5. Design Electrical Rating (Net MWe)	<u>1115</u>	
6. Maximum Dependable Capacity (Gross MWe)	<u>1149</u>	
7. Maximum Dependable Capacity (Net MWe)	<u>1106</u>	
8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason	<u>N/A</u>	

9. Power Level to Which Restricted, if any (Net MWe) N/A

10. Reasons for Restrictions, if any N/A

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	<u>744</u>	<u>8784</u>	<u>171001</u>
12. No. of Hrs. Rx. was Critical	<u>0</u>	<u>0</u>	<u>104380.5</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>100388.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>318062229</u>
17. Gross Elec. Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>105301000</u>
18. Net Elec. Energy Gen. (MWH)	<u>-3072</u>	<u>-30177</u>	<u>100174736</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>58.7</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>58.7</u>
21. Unit Capacity Factor			
(using MDC Net)	<u>0</u>	<u>0</u>	<u>52.9</u>
22. Unit Capacity Factor (using DER Net)	<u>0</u>	<u>0</u>	<u>52.5</u>
23. Unit Forced Outage Rate	<u>100</u>	<u>100</u>	<u>26.2</u>

24. Shutdowns scheduled over next 6 months (type, date and duration of each)  
Refueling extension.

25. If shutdown at end of Report Period, Estimated Date of Startup:  
Under review.

## AVERAGE DAILY UNIT POWER LEVEL

Completed by: Robert Phillips

Docket No.: 50-272  
Unit Name: Salem #1  
Date: 01/10/97  
Telephone: 339-2735

Month December 1996Day Average Daily Power Level  
(MWe-NET)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

Day Average Daily Power Level  
(MWe-NET)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWN AND POWER REDUCTIONS  
REPORT MONTH December 1996

DOCKET NO.: 50-272  
UNIT NAME: Salem #1  
DATE: 01/10/97  
COMPLETED BY: Robert Phillips  
TELEPHONE: 609-339-2735

[illegible]

1  
F: Forced  
S: Scheduled

2 Reason  
A-Equipment Failure (explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

3  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continuation of  
Previous Outage  
5-Load Reduction  
9-Other

4 Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File  
(NUREG-0161)

5 Exhibit 1 - Same Source

10CFR50.59 EVALUATIONS  
MONTH: DECEMBER 1996

DOCKET NO: 50-272  
UNIT NAME: SALEM 1  
CONTACT: R. HELLER  
TELEPHONE: 609-339-5162

The following items were evaluated in accordance with the provisions of the Code of Federal Regulations 10CFR50.59. The Station Operations Review Committee has reviewed and concurs with these evaluations.

ITEM	SUMMARY
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1. Design Change Packages (DCP)

- |                     |   |
|---------------------|---|
| 1EC-3423, Pkgs. 1-3 | “Chiller Condenser Service Water Modifications for Chiller Condensers 11, 12 & 13” Rev. 0 - This DCP enhances the operation of the chillers, but does not change the operation or procedures as described in the UFSAR. Maintenance and operations procedures will require revision to incorporate the proposed modification, however the operation of the chillers or the Service Water System as described in the UFSAR is not changed. There is no reduction in the margin of safety as defined in the basis for any Technical Specification.<br>(SORC 96-145)                 |
| 1EC-3639, Pkg. 1    | “Fuel Handling Building Sump Pump Issues” Rev. 0 - This DCP installed replacement Fuel Handling Building sump pump level switches along with float actuated mechanisms, with redesigned mounting hardware to guide the float arms. The modification included the provision of access facility on the pump mounting cover plate for the level switch float assemblies. This DCP also installed a new local mounted run time meter for the sump pump motor. There is no reduction in the margin of safety as defined in the basis for any Technical Specification.<br>(SORC 96-127) |

REFUELING INFORMATION  
MONTH: DECEMBER 1996

DOCKET NO: 50-272  
UNIT NAME: SALEM 1  
CONTACT: R. HELLER  
TELEPHONE: 609-339-5162

MONTH : DECEMBER 1996

- . Refueling information has changed from last month: YES        NO   X
- . Scheduled date for next refueling: (to be determined)
- . Scheduled date for restart following refueling: (to be determined)
- . a. Will Technical Specification changes or other license amendments be required?

YES        NO       

NOT DETERMINED TO DATE   X  

- b. Has the reload fuel design been reviewed by the Station Operating Review Committee?

YES        NO   X  

If no, when is it scheduled? (to be determined )

- . Scheduled date(s) for submitting proposed licensing action:       n/a
- . Important licensing considerations associated with refueling:

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- . Number of Fuel Assemblies:
  - a. Incore       0
  - b. In Spent Fuel Storage      989
- . Present licensed spent fuel storage capacity:      1632       
Future spent fuel storage capacity:      1632
- . Date of last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: December 2008

SALEM GENERATING STATION  
MONTHLY OPERATING SUMMARY - UNIT 1  
DECEMBER 1996

SALEM UNIT NO. 1

The Unit is in a refueling and Steam Generator replacement outage and remained shutdown for the entire period. According to commitments from PSE&G and a subsequent confirmatory action letter from the NRC, the Unit will remain shutdown pending completion of the following actions:

- Appropriately address long standing equipment reliability and operability issues
- After the work is completed, conduct a restart readiness review to determine for ourselves the ability of the Unit to operate in a safe, event free manner
- After the restart review, meet with the NRC and communicate the results of that review