

AVERAGE DAILY UNIT POWER LEVEL

Completed by Pell White

Docket No. 50-311
 Unit Name Salem # 2
 Date October 10, 1985
 Telephone 609-935-6000
 Extension 4455

Month September 1985

Day Average Daily Power Level
 (MWe-NET)

1	<u>1089</u>
2	<u>1097</u>
3	<u>1086</u>
4	<u>1087</u>
5	<u>1097</u>
6	<u>1080</u>
7	<u>1081</u>
8	<u>1088</u>
9	<u>1076</u>
10	<u>1093</u>
11	<u>1077</u>
12	<u>1089</u>
13	<u>1076</u>
14	<u>1102</u>
15	<u>1103</u>
16	<u>1092</u>

Day Average Daily Power Level
 (MWe-NET)

17	<u>1099</u>
18	<u>1096</u>
19	<u>1099</u>
20	<u>1086</u>
21	<u>214</u>
22	<u>89</u>
23	<u>1029</u>
24	<u>1101</u>
25	<u>1107</u>
26	<u>1098</u>
27	<u>1108</u>
28	<u>1085</u>
29	<u>1089</u>
30	<u>1081</u>
31	<u> </u>

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 PDR ADOCK 05000311
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IE24
 1/1

OPERATING DATA REPORT

Docket No. 50-311
 Date October 10, 1985
 Telephone 935-6000
 Extension 4455

Completed by Pell White

Operating Status

1. Unit Name	<u>Salem No. 2</u>	<u>Notes</u>
2. Reporting Period	<u>September 1985</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)	<u>N/A</u>	
10. Reasons for Restrictions, if any	<u>N/A</u>	

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	<u>720</u>	<u>6551</u>	<u>34776</u>
12. No. of Hrs. Reactor was Critical	<u>692.3</u>	<u>3562</u>	<u>18656.6</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>0</u>	<u>3533.6</u>
14. Hours Generator On-Line	<u>685.1</u>	<u>3280.9</u>	<u>17893</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2315993</u>	<u>10446073</u>	<u>54173109</u>
17. Gross Elec. Energy Generated (MWH)	<u>771170</u>	<u>3441160</u>	<u>17718810</u>
18. Net Elec. Energy Generated (MWH)	<u>739032</u>	<u>3241771</u>	<u>16759607</u>
19. Unit Service Factor	<u>95.2</u>	<u>50.1</u>	<u>51.5</u>
20. Unit Availability Factor	<u>95.2</u>	<u>50.1</u>	<u>51.5</u>
21. Unit Capacity Factor (using MDC Net)	<u>92.8</u>	<u>44.7</u>	<u>43.6</u>
22. Unit Capacity Factor (using DER Net)	<u>92.1</u>	<u>44.4</u>	<u>43.2</u>
23. Unit Forced Outage Rate	<u>4.8</u>	<u>47.2</u>	<u>39.2</u>
24. Shutdowns scheduled over next 6 months (type, date and duration of each)	<u>N/A</u>		

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

N/A

26. Units in Test Status (Prior to Commercial Operation):

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	<u>6/30/80</u>	<u>8/2/80</u>
Initial Electricity	<u>9/1/80</u>	<u>6/3/81</u>
Commercial Operation	<u>9/24/80</u>	<u>10/13/81</u>

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH September 1985

Docket No. 50-311
Unit Name Salem No.2
Date October 10, 1985
Telephone 609-935-6000
Extension 4455

Completed by J.P. Ronafalvy

No.	Date	Type 1	Duration Hours	Reason 2	Method of Shutting Down Reactor	License Event Report	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
85-236	0921	F	34.9	A	1	-	CJ	VESSEL	Pressurizer Spray Valves Reactor Coolant

1
F: Forced
S: Scheduled

2 Reason
A-Equipment Failure-explain
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & Licensing Exam
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 Prepara-
tion of Data
Entry Sheets
for Licensee
Event Report
(LER) File
(NUREG 0161)

5 Exhibit 1
Salem as
Source

MAJOR PLANT MODIFICATIONS
REPORT MONTH SEPTEMBER 1985

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: October 10, 1985
COMPLETED BY: J. Ronafalvy
TELEPHONE: 609/339-4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
2EC-1782	Drains/Sump Pumps	Replace No. 23 Turbine Area Sump Pump with a submersible type slurry pump of different design and materials.

* Design Change Request

MAJOR PLANT MODIFICATIONS
REPORT MONTH SEPTEMBER 1985

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: October 10, 1985
COMPLETED BY: J. Ronafalvy
TELEPHONE: 609/339-4455

*DCR NO.	10CFR 50.59	SAFETY EVALUATION
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2EC-1782 This DCP replaces the number 23 Turbine Generator Area Sump Pump from a 5 HP vertical sump pump to a 10 HP slurry pump. The electrical package routes new cable to the 10 HP motor. The associated motor control center is revised for the new motor. No unreviewed safety or environmental questions are involved.

* Design Change Request

PSE&G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 2

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
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CONT SUMP LEVEL

FAILURE DESCRIPTION: THE CONT SUMP RECORDER IS NOT FUNCTIONING PROPERLY.

CORRECTIVE ACTION: REPLACED BAD FAN, BROKEN MARING FILTER, AND BAD OPTION BOARD

0099179148

SMD

2

24 FAN COIL UNIT

FAILURE DESCRIPTION: THE MOTOR TURNS BUT THE FAN DOES NOT. THE COUPLING IS BROKEN.

CORRECTIVE ACTION: REPLACED COUPLING BETWEEN FAN AND MOTOR AND SET SCREWS KEY

8507090672

SMD

2

22 CC PP

FAILURE DESCRIPTION: BOTH BEARINGS ON THE COMPONENT COOLING PUMP LEAK OIL, APPEARS TO BE FROM THE SEALS.

CORRECTIVE ACTION: REPLACED SEALS AND REBUILT PUMP

8509110735

SMD

2

SERVICE WATER LEAK

FAILURE DESCRIPTION: THERE IS A SERVICE WATER LEAK ON 23 CONTAINMENT FAN COIL UNIT ON THE VENT FLANGE ON THE TOP OF THE FAN COIL UNIT.

CORRECTIVE ACTION: INSTALLED NEW PIPE FLANGE AS PER DR

SALEM UNIT 2

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
8509120218	SMD	2	2C DIESEL
FAILURE DESCRIPTION: FUEL RACK PLUNGER ON 2L CYLINDER WILL NOT MOVE FREELY.			
CORRECTIVE ACTION: REPLACED FUEL INJECTION PUMP ON 2L CYLINDER			

SALEM GENERATING STATION
MONTHLY OPERATING SUMMARY - UNIT NO. 2
SEPTEMBER 1985

SALEM UNIT NO. 2

The Unit began the period operating at full power. On 9/21/85 at 0523 hours the Unit was manually tripped due to a significant drop in Pressurizer pressure which was caused by Pressurizer Spray Valve 2PS3 not fully reseating. On 9/22/85 at 1622 hours, the Unit was brought back on line and returned to 100% power where it remained for the rest of the period.

REFUELING INFORMATION

COMPLETED BY: J. Ronafalvy DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: October 10, 1985
TELEPHONE: 609/935-6000
EXTENSION: 4455

Month September 1985

1. Refueling information has changed from last month:
YES _____ NO X
2. Scheduled date for next refueling: September 6, 1986
3. Scheduled date for restart following refueling: November 16, 1986
4. A) Will Technical Specification changes or other license
amendments be required?
YES _____ NO _____
Not determined to date _____
B) Has the reload fuel design been reviewed by the Station
Operating Review Committee?
YES _____ NO X
If no, when is it scheduled? August 1986
5. Scheduled date(s) for submitting proposed licensing action:
August 1986 if required
6. Important licensing considerations associated with refueling:
NONE

7. Number of Fuel Assemblies:
A) Incore 193
B) In Spent Fuel Storage 140
8. Present licensed spent fuel storage capacity: 1170
Future spent fuel storage capacity: 1170
9. Date of last refueling that can be discharged
to spent fuel pool assuming the present
licensed capacity: March 2003

8-1-7.R4



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

Salem Generating Station

October 10, 1985

Director, Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir:

MONTHLY OPERATING REPORT
SALEM NO. 2
DOCKET NO. 50-311

In compliance with Section 6.9, Reporting Requirements for the Salem Technical Specification, 10 copies of the following monthly operating reports for the month of September 1985 are being sent to you.

Average Daily Unit Power Level
Operating Data Report
Unit Shutdowns and Power Reductions
Major Plant Modification
Safety Related Work Orders
Operating Summary
Refueling Information

Sincerely yours,

J. M. Zupko, Jr.
General Manager - Salem Operations

JR:sbh

cc: Dr. Thomas E. Murley
Regional Administrator USNRC
Region I
631 Park Avenue
King of Prussia, PA 19406

Director, Office of Management
Information and Program Control
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Enclosures
8-1-7.R4

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