

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-272  
 Unit Name Salem # 1  
 Date June 10, 1988  
 Telephone 609-935-6000  
 Extension 4451

Completed by Pell White

Month MAY 1988

Day Average Daily Power Level  
(MWe-NET)

Day Average Daily Power Level  
(MWe-NET)

1	<u>1121</u>
2	<u>1124</u>
3	<u>1097</u>
4	<u>1133</u>
5	<u>1101</u>
6	<u>1113</u>
7	<u>1110</u>
8	<u>1128</u>
9	<u>1097</u>
10	<u>1116</u>
11	<u>1110</u>
12	<u>1075</u>
13	<u>1106</u>
14	<u>1048</u>
15	<u>1100</u>
16	<u>1094</u>

17	<u>1103</u>
18	<u>1102</u>
19	<u>1109</u>
20	<u>1103</u>
21	<u>1097</u>
22	<u>1105</u>
23	<u>1111</u>
24	<u>1110</u>
25	<u>1108</u>
26	<u>1108</u>
27	<u>1099</u>
28	<u>1101</u>
29	<u>1103</u>
30	<u>1111</u>
31	<u>1127</u>

*JEZ*  
11/1

OPERATING DATA REPORT

Docket No .50-272

Date: June 10 1988

Telephone: 935-6000

Extension: 4451

Completed by Pell White

Operating Status

1. Unit Name	<u>Salem No. 1</u>	<u>Notes</u>
2. Reporting Period	<u>May 1988</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>3647</u>	<u>95736</u>
12. No. of Hrs. Reactor was Critical	<u>744</u>	<u>1968.3</u>	<u>59663.4</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>1885.2</u>	<u>57676.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2539056</u>	<u>6305890</u>	<u>178574899</u>
17. Gross Elec. Energy Generated (MWH)	<u>857330</u>	<u>2120730</u>	<u>59315220</u>
18. Net Elec. Energy Generated (MWH)	<u>823718</u>	<u>2010158</u>	<u>56406367</u>
19. Unit Service Factor	<u>100</u>	<u>51.7</u>	<u>60.2</u>
20. Unit Availability Factor	<u>100</u>	<u>51.7</u>	<u>60.2</u>
21. Unit Capacity Factor (using MDC Net)	<u>100</u>	<u>49.8</u>	<u>53.3</u>
22. Unit Capacity Factor (using DER Net)	<u>99.3</u>	<u>49.4</u>	<u>52.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.0</u>	<u>23.9</u>

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

N/A

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

N/A

UNIT SHUTDOWN AND POWER REDUCTIONS  
REPORT MONTH MAY 1988

Docket No. 50-272  
Unit Name Salem No.1  
Date June 10, 1988  
Telephone 609-935-6000  
Extension 4451

Completed by Pell White

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

- |   |  |  |  |  |
|---|--|--|--|--|
| <p>1<br/>F: Forced<br/>S: Scheduled</p> | <p>2 Reason<br/>A-Equipment Failure-explain<br/>B-Maintenance or Test<br/>C-Refueling<br/>D-Regulatory Restriction<br/>E-Operator Training &amp; Licensing Exam<br/>F-Administrative<br/>G-Operational Error-explain<br/>H-Other-explain</p> | <p>3 Method<br/>1-Manual<br/>2-Manual Scram.<br/>3-Automatic Scram.<br/>4-Continuation of<br/>  Previous Outage<br/>5-Load Reduction<br/>9-Other</p> | <p>4 Exhibit G<br/>Instructions<br/>for Prepara-<br/>tion of Data<br/>Entry Sheets<br/>for Licensee<br/>Event Report<br/>(LER) File<br/>(NUREG 0161)</p> | <p>5 Exhibit 1<br/>Salem as<br/>Source</p> |
|---|--|--|--|--|

## SALEM UNIT 1

WO NO	UNIT	EQUIPMENT IDENTIFICATION
880421085	1	1CVE5 FAILURE DESCRIPTION: NOT PUMPING/REPLACE
880429054	1	12 WASTE GAS COMPRESSOR FAILURE DESCRIPTION: INOPERABLE/REPLACE
880520072	1	1PT455 FAILURE DESCRIPTION: PZR PRSS CTL/ERRATIC/TROUBLESHOOT CHANNEL I.
880523101	1	11SW127 11 CCHX FAILURE DESCRIPTION: BROKEN AIR LINE/REWORK.
910114006	1	13 SERVICE WATER PUMP FAILURE DESCRIPTION: PULL AND REPLACE WITH SPARE.

PSE&G SALEM GENERATING STATION  
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

WO NO	UNIT	EQUIPMENT IDENTIFICATION
860602001	1	1CC166 FAILURE DESCRIPTION: REPLACE DIAPHRAGM AND O-RINGS
870925110	1	14GB924 FAILURE DESCRIPTION: REPLACE VALVE. VALVE IS CORRODED.
870928121	1	14GM923 FAILURE DESCRIPTION: REPLACE MARK NO. FA-159. VALVE IS CORRODED.
880105184	1	1AD0214 FAILURE DESCRIPTION: REPLACE TIME DELAY RELAY 1AD0214 IN VOLTAGE REGULATOR CABINET.
880119148	1	1C D/G PRELUBE OIL PUMP FAILURE DESCRIPTION: 1C D/G PRELUBE OIL PUMP/NOT STOPPING TROUBLESHOOT.

## SALEM UNIT 1

WC NO	UNIT	EQUIPMENT IDENTIFICATION
880128096	1	1PR3 FAILURE DESCRIPTION: RELIEF VALVE REPLACEMENT/FA-20 VALVE LIFTED.
880317076	1	1SWE48 FAILURE DESCRIPTION: REPLACE EXPANSION JOINT.
880328085	1	11 BAT PUMP FAILURE DESCRIPTION: FAILED MECHANICAL SEAL ON #11 BAT PUMP REPAIR/REPLACE.
880328119	1	11SW127 11CCHX FAILURE DESCRIPTION: VALVE WON'T FULLY CLOSE/TROUBLESHOOT.

MAJOR PLANT MODIFICATIONS  
REPORT MONTH MAY 1988

DOCKET NO.: 50-272  
UNIT NAME: Salem 1  
DATE: June 10, 1988  
COMPLETED BY: J. Ronafalvy  
TELEPHONE: 609/339-4455

*DCR NO.	PRINCIPAL SYSTEM	DESCRIPTION
1SM-00185	Spent Fuel Demin.	This design change installed a check valve on the inlet to the Spent Fuel Pit Demineralizer to prevent backflow through the demineralizer.
1SM-00198	Accumulator Sample	This design change adjusted the pressure and temperature design parameters of the Accumulator sample lines to be identical to that of the Accumulators.

\* DCR - Design Change Request

MAJOR PLANT MODIFICATIONS  
REPORT MONTH MAY 1988

DOCKET NO. 50-272  
UNIT NAME: Salem I  
DATE: June 10, 1988  
COMPLETED BY: J. Ronafalvy  
TELEPHONE: 609/339-4455

---

\*DCR

SAFETY EVALUATION 10 CFR 50.59

---

ISM-00185

This modification does not change the design basis or normal operation of the Spent Fuel Pit Demineralizer. Its function is to provide additional protection against backflowing through the vessel. The valve is not required to be functional to prevent or mitigate the consequences of an accident. This modification did not alter any plant process or discharge or affect the environmental impact of the plant. No unreviewed safety or environmental questions are involved.

ISM-00198

The function, operation, and construction of the Accumulator Sample System has not been affected. Only the design pressure and temperature parameters were adjusted to meet those of the Accumulators. This modification did not alter any plant process or discharge or affect the environmental impact of the plant. No unreviewed safety or environmental questions are involved.

\* DCR - Design Change Request



SALEM GENERATING STATION  
MONTHLY OPERATING SUMMARY - UNIT NO. 1  
MAY 1988

SALEM UNIT NO. 1

The Unit began the period operating at 100% power and continued to operate at full power throughout the entire period.

REFUELING INFORMATION

COMPLETED BY: J. Ronafalvy      DOCKET NO.: 50-272  
 UNIT NAME: Salem 1  
 DATE: June 10, 1988  
 TELEPHONE: 609/935-6000  
 EXTENSION: 4497

Month MAY 1988

1. Refueling information has changed from last month:  
 YES \_\_\_\_\_ NO X
2. Scheduled date for next refueling: April 15, 1989
3. Scheduled date for restart following refueling: May 30, 1989
4. 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? February 1989
5. Scheduled date(s) for submitting proposed licensing action:  
February if required
6. Important licensing considerations associated with refueling:  
NONE  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_
7. Number of Fuel Assemblies:  
 A) Incore 193  
 B) In Spent Fuel Storage 464
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: September 2001



**PSEG**

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

Salem Generating Station

June 14, 1988

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


Dear Sir:

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 reports for the month of May 1988 are being sent to you.

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

Sincerely yours,

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

RH:sl

cc: Mr. William T. Russell  
Regional Administrator USNRC  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Enclosures  
8-1-7.R4

The Energy People

*IE24*  
*11*