

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-272
 Unit Name Salem # 1
 Date 8-4-88
 Telephone 609-935-6000
 Extension 4451

Completed by Pell White

Month JULY 1988

Day Average Daily Power Level
 (MWe-NET)

1	<u>1095</u>
2	<u>1102</u>
3	<u>1099</u>
4	<u>1098</u>
5	<u>1090</u>
6	<u>1113</u>
7	<u>1082</u>
8	<u>1100</u>
9	<u>1084</u>
10	<u>1090</u>
11	<u>1083</u>
12	<u>1083</u>
13	<u>1108</u>
14	<u>1077</u>
15	<u>1061</u>
16	<u>1097</u>

Day Average Daily Power Level
 (MWe-NET)

17	<u>1074</u>
18	<u>1087</u>
19	<u>1060</u>
20	<u>1071</u>
21	<u>1080</u>
22	<u>1082</u>
23	<u>1074</u>
24	<u>1086</u>
25	<u>1080</u>
26	<u>1090</u>
27	<u>1044</u>
28	<u>1088</u>
29	<u>1066</u>
30	<u>1051</u>
31	<u>1067</u>

P. 8.1-7 R1

8808220217 880731
 PDR ADDOCK 05000272
 R PDC

1E24
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OPERATING DATA REPORT

Docket No .50-272

Date: 8-4-88

Telephone: 935-6000

Extension: 4451

Completed by Pell White

Operating Status

	<u>Salem No. 1</u>	<u>Notes</u>
1. Unit Name	July 1988	
2. Reporting Period		
3. Licensed Thermal Power (MWt)	3411	
4. Nameplate Rating (Gross MWe)	1170	
5. Design Electrical Rating (Net MWe)	1115	
6. Maximum Dependable Capacity (Gross MWe)	1149	
7. Maximum Dependable Capacity (Net MWe)	1106	
8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason	N/A	

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	744	5111	97200
12. No. of Hrs. Reactor was Critical	744	3423.3	6112735
13. Reactor Reserve Shutdown Hrs.	0	0	0
14. Hours Generator On-Line	744	3349.2	59140.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2541662.4	11292842.8	183561851.6
17. Gross Elec. Energy Generated (MWH)	839880	3778840	60973330
18. Net Elec. Energy Generated (MWH)	805491	3601183	57997392
19. Unit Service Factor	100	65.6	60.8
20. Unit Availability Factor	100	65.6	60.8
21. Unit Capacity Factor (using MDC Net)	97.9	63.7	53.9
22. Unit Capacity Factor (using DER Net)	97.1	63.2	53.5
23. Unit Forced Outage Rate	0	1.1	23.2

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 JULY 1988

Docket No. 50-272
Unit Name Salem No.1
Date August 4, 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
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N/A

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

PSE&G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

WO NO	UNIT	EQUIPMENT IDENTIFICATION
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870401046

1 1A SWG 97

FAILURE DESCRIPTION: NOT ATTACHED TO PIPE PLEASE REPAIR.

870602041

1 11 S.W.P.

FAILURE DESCRIPTION: HANGER MISSING. REPLACE HANGER.

870708038

1 12CCHX

FAILURE DESCRIPTION: HAS NO FLOW IN AUTO/CORRECT. HAS NO FLOW WHEN TEMP
CONTROLLER REACHES SET POINT.

880120046

1 13SW24

FAILURE DESCRIPTION: DAMAGE VALVE BODY/REPLACE/MK. NO. M-114

880208141

1 1S27C

FAILURE DESCRIPTION: HOLE IN PIPE BEFORE 15SW274/REPAIR.

SALEM UNIT 1

WO NO	UNIT	EQUIPMENT IDENTIFICATION
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880428101

1 11 WASTE GAS COMPRESSOR

FAILURE DESCRIPTION: INOPERABLE/REPLACE.

880526040

1 1B DIESEL

FAILURE DESCRIPTION: LINE TO TURBO./LEAK/REWORK. THERE IS A LEAK ON
THE 1/2" COOLING LINE TO THE TURBO.

880613104

1 1ABV15

FAILURE DESCRIPTION: SUPPLY REG/BLOWING AIR/REPLACE.

880620078

1 1R1B

FAILURE DESCRIPTION: MONITOR IN WARN/INVESTIGATE AND REPAIR.

880705143

1 1CC71

FAILURE DESCRIPTION: LTDWN CTL VLV/NOT CONTROLLING/TROUBLESHOOT.

SALEM UNIT 1

WO NO	UNIT	EQUIPMENT IDENTIFICATION
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880718085

1 1C D-G

FAILURE DESCRIPTION: TURBO AIR COMP/NOT STARTING/TROUBLESHOOT.

880718121

1 1R41A

FAILURE DESCRIPTION: PLNT VNT PART RAD MONITOR IS FAILED.
TROUBLESHOOT/REWORK.

880727080

1 14 LOOP

FAILURE DESCRIPTION: 14 REACTOR COOLANT LOOP T AVE/DELTA T HAS FAILED
HIGH.

900714001

1 12 S.W. PUMP

FAILURE DESCRIPTION: INSP./PULL AND REPLACE WITH SPARE. PULL 12
SERVICE WTR PUMP AND INSTALL REBUILT PUMP.

MAJOR PLANT MODIFICATIONS
REPORT MONTH JULY 1988

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

*DCR NO.	PRINCIPAL SYSTEM	DESCRIPTION
1EC-1181	Radiation Monitoring	This modification added five high range main steam line monitors. The monitors are qualified for post-accident operation.
1EC-2188	Service Water	This modification installed a "cross type" vortex breaker beneath the bellmouth of No. 16 Service Water Pump to inhibit cavitation.
1SM-0091	PASS Air Regulator	This modification replaced the instrument air regulating valves with valves better suited to the environmental conditions postulated to exist during an accident.
1SM-0472	Component Cooling	This modification installed an OFF Delay Relay in the control circuitry of Valve 1CC131 to prevent closure of the valve due to the resulting pressure transient caused by starting a Service Water pump.

* DCR - Design Change Request

MAJOR PLANT MODIFICATIONS
REPORT MONTH JULY 1988

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

*DCR

SAFETY EVALUATION 10 CFR 50.59

- 1EC-1181 This modification added monitors to detect any possible activity in the Main Steam lines. 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.
- 1EC-2188 The vortex breaker is actually a flow guide which does not affect the quantity or quality of the Service Water flow beyond design. 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.
- 1SM-0091 The addition of this new regulator will allow the PASS System to operate at accident temperatures as it was originally designed. 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.
- 1SM-0472 This modification to the valve control circuitry enhanced the reliability of the system to withstand flow transients. 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
JULY 1988

SALEM UNIT NO. 1

The Unit began the period operating at 100% power and continued to operate at full power for the entire period. As of July 27, 1988, the Unit achieved 100 days of continuous operation.

REFUELING INFORMATION

COMPLETED BY: J. Ronafalvy

DOCKET NO.:	<u>50-272</u>
UNIT NAME:	<u>Salem 1</u>
DATE:	<u>August 10, 1988</u>
TELEPHONE:	<u>609/935-6000</u>
EXTENSION:	<u>4497</u>

Month JULY 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

8-1-7.R4



PSEG

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

Salem Generating Station

August 10, 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 July 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
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