AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-311
Unit Name Salem # 2
Date 9-8-88
Telephone 609-935-6000
Extension 4451

Completed by Pell White

Month AUGUST 1988

Day	Average Daily Power Level (MWe-NET)	Day	Average Daily Power Level (MWe-NET)
1	517	17	821
2	950	18	812
3	931	19	806
4	936	20	817
5	938	21	799
6	933	22	790
7	928	23	775
8	903	24	759
9	899	25	743
10	877	26	754
11	902	27	745
12	877	28	735
13	851	29	704
14	847	30	738
15	891	31	134
16	784		

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OPERATING DATA REPORT

Docket No. 50-311
Date 9-8-88
Telephone 935-6000
Extension 4451

Completed by Pell White

Operating Status

		Salem No. 2	Notes
1.	Unit Name		
2.	Reporting Period	August 1988	
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

	This Month	Year to Date	Cumulative
11. Hours in Reporting Period	744	5855	60360
12. No. of Hrs. Reactor was Critical	725.9	5688.6	38051.5
13. Reactor Reserve Shutdown Hrs.	0	0	0
14. Hours Generator On-Line	720.5	5633.7	36915.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2012440.8	18464736	64115257
17. Gross Elec. Energy Generated (MWH)	603350	6084970	37714440
18. Net Elec. Energy Generated (MWH)	597546	5826660	35846038
19. Unit Service Factor	96.8	96.2	61.2
20. Unit Availability Factor	96.8	96.2	61.2
21. Unit Capacity Factor (using MDC Net)	72.6	89.9	53.7
22. Unit Capacity Factor (using DER Net)	72.0	89.3	53.3
23. Unit Forced Outage Rate	3.2	3.8	27.9

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

Refueling Outage starting Sept. 2, 1988 and lasting for approximately 52 days.

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

Unit 2 currently in its 4th refueling outage. Schedule startup Oct. 26, 1988

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH AUGUST 1988

Completed by Pell White

Docket No. 50-311
Unit Name Salem No.2
Date August 4, 1988
Telephone 609-935-6000
Extension 4451

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
0174	8-01-88	F	5.40	A	3	---	EB	TRANSF	"C" Vital Instrument Bus
0179	8-02-88	S	3.82	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0187	8-06-88	S	3.93	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0193	8-10-88	S	48.75	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0195	8-12-88	S	10.75	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0196	8-12-88	S	28.77	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0198	8-14-88	S	24.98	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0199	8-15-88	S	28.17	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0200	8-16-88	S	27.58	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0201	8-17-88	S	13.50	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0202	8-18-88	S	19.50	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0204	8-18-88	S	48.83	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0205	8-20-88	S	50.68	H	5	---	RC	FUELXX	Nuclear Core Coast Down

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 Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

5 Exhibit
Salem as Source

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH AUGUST 1988

Completed by Pell White

Docket No. 50-311
Unit Name Salem No.2
Date August 4, 1988
Telephone 609-935-6000
Extension 4451

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
0210	8-23-88	S	34.23	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0211	8-24-88	S	19.75	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0212	8-25-88	S	2.82	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0213	8-25-88	S	4.18	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0214	8-25-88	S	30.83	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0217	8-26-88	S	34.17	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0219	8-28-88	S	29.50	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0220	8-29-88	S	42.40	H	5	---	RC	FUELXX	Nuclear Core Coast Down
0222	8-31-88	F	18.10	A	3	---	HH	VALVEX	Rx Trip SG LVL 23BF19

PSE&G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 2

WO NO	UNIT	EQUIPMENT IDENTIFICATION
870909070	2	22MS119
		FAILURE DESCRIPTION: REMOVE INSULATION. INVESTIGATE AND REPAIR LEAK.
880122112	2	2CV63
		FAILURE DESCRIPTION: CHECK VALVE DOES NOT CLOSE/REPAIR/FA-33.
880122148	2	FUEL TRANS WINCH
		FAILURE DESCRIPTION: REPLACE BRAKE PARTS
880601153	2	2S27C
		FAILURE DESCRIPTION: 22 CHG. PUMP CLR. OUTLET PIPE LEAK/REPLACE.
880711082	2	2SW218
		FAILURE DESCRIPTION: DOWNSTREAM FLANGE LEAK/REPAIR.

SALEM UNIT 2

WO NO	UNIT	EQUIPMENT IDENTIFICATION
880718148	2	2BR39
		FAILURE DESCRIPTION: DIAPHRAGM LEAK/REPLACE/MARK NO. M-61.
880720054	2	2BR172
		FAILURE DESCRIPTION: SPINDLE SHAFT BROKEN OFF/REPLACE.
880726154	2	2S27C
		FAILURE DESCRIPTION: WELD LEAK UPSTREAM OF 21SW126/REPAIR.
880726187	2	23 CHG. PUMP
		FAILURE DESCRIPTION: THE HORZINAL COVER ON NUMBER 2 CYLINDER ON 23 CHARGING PUMP LEAKS/REWORK.
880727071	2	2CC216
		FAILURE DESCRIPTION: LEAKING THRU/DISASS & INSPECT/MARK NO. D-77.

WO NO	UNIT	EQUIPMENT IDENTIFICATION
880804061	2	2C DIESEL GEN.
		FAILURE DESCRIPTION: TROUBLESHOOT EXCESSIVE BRUSH ARCING ON 2C DIESEL GEN.
880809057	2	2A DIESEL GEN
		FAILURE DESCRIPTION: 2A DIESEL WILL NOT LOAD CORRECTLY/TROUBLESHOOT.
880815195	2	22 CHILLED WTR PUMP MTR
		FAILURE DESCRIPTION: TRIPPED/TROUBLESHOOT AND REWORK.
880817095	2	IN-CORE FLUX DETECT.10 PATH
		FAILURE DESCRIPTION: WILL NOT OPERATE/TROUBLESHOOT.
880822099	2	2R13C
		FAILURE DESCRIPTION: MONITOR IS FAILED/REPAIR.

WO NO	UNIT	EQUIPMENT IDENTIFICATION
880822119	2	S/G BLOWDOWN FLOW CONSOLE INDICATOR
		FAILURE DESCRIPTION: STM GEN BLOWDN FLOW CONSOLE INDICATOR FAILED LOW/TROUBLESHOOT.
880824098	2	2R13C
		FAILURE DESCRIPTION: MONITOR IS FAILED/REPAIR.
880825097	2	2FA5838
		FAILURE DESCRIPTION: 23 S/G BLOWDOWN FLOW INDICATION/FAILED/ REPAIR.

MAJOR PLANT MODIFICATIONS
REPORT MONTH AUGUST 1988

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: September 10,1988
COMPLETED BY: J. Jackson
TELEPHONE: 609/339-4455

*DCR NO.	PRINCIPAL SYSTEM	DESCRIPTION

None for this period.

* Design Change Request

MAJOR PLANT MODIFICATIONS
REPORT MONTH - AUGUST 1988

DOCKET NO: 50-272
UNIT NAME: Salem 2
DATE: September 10,1988
COMPLETED BY: J. Jackson
TELEPHONE: (609)339-4455

*DCR SAFETY EVALUATION 10 CFR 50.59

None for this period.

* DCR - Design Change Request

SALEM GENERATING STATION
MONTHLY OPERATING SUMMARY - UNIT 2
AUGUST 1988

SALEM UNIT NO. 2

The Unit was restored to operation on August 1, 1988, and continued its end-of-cycle coastdown operation. The coastdown continued until August 31, 1988, when a reactor trip occurred due to the failure of a valve position feedback indicator linkage on a feedwater regulating valve. The reactor trip resulted in the Unit entering its refueling/maintenance outage two days early.

REFUELING INFORMATION

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: September 10, 1988
TELEPHONE: 609/935-6000
EXTENSION 4455

COMPLETED BY: J. Jackson

Month AUGUST 1988

1. Refueling information has changed from last month:
YES _____ NO X

2. Scheduled date for next refueling: September 2, 1988

3. Scheduled date for restart following refueling: October 26,1988

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? September, 1988

5. Scheduled date(s) for submitting proposed licensing action:
August 1988 if required

6. Important licensing considerations associated with refueling:
NONE

7. Number of Fuel Assemblies:
A) Incore 193
B) In Spent Fuel Storage 224

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

PSEG

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

Nuclear Department

September 10, 1988

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

Dear Sir:

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

In compliance with Section 6.9.1.6, Reporting Requirements for the Salem Technical Specification, the original copy of the monthly operating reports for the month of August 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,

L. K. Miller

L. K. Miller
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

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The Energy People