

AVERAGE DAILY UNIT POWER LEVEL

Completed by J. P. Ronafalvy

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

Month January 1985

Day Average Daily Power Level
(MWe-NET)

Day 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>

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>

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OPERATING DATA REPORT

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

Completed by J. P. Ronafalvy

Operating Status

1. Unit Name	<u>Salem No. 2</u>	<u>Notes</u>
2. Reporting Period	<u>January 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 * Previous value reported was the turbine rating, not the generator rating as required.		

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>744</u>	<u>28969</u>
12. No. of Hrs. Reactor was Critical	<u>0</u>	<u>0</u>	<u>15094.6</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>0</u>	<u>3533.6</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>14612.1</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>43727036</u>
17. Gross Elec. Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>14277650</u>
18. Net Elec. Energy Generated (MWH)	<u>(2419)</u>	<u>(2419)</u>	<u>13515417</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>50.4</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>50.4</u>
21. Unit Capacity Factor (using MDC Net)	<u>0</u>	<u>0</u>	<u>42.2</u>
22. Unit Capacity Factor (using DER Net)	<u>0</u>	<u>0</u>	<u>41.8</u>
23. Unit Forced Outage Rate	<u>100</u>	<u>100</u>	<u>38.2</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:

4-1-85

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 January 1985

Docket No. 50-311
 Unit Name Salem No.2
 Date Feb. 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
85-010	1-01	S	312.0	B	4	-	HC	HTEXCH	Misc. Major Condenser Overhaul
85-010	1-01	S	312.0	A	4	-	HA	TURBIN	Major Turbine Overhaul
85-010	1-01	F	312.0	A	4	-	HA	GENERA	Generator Major Overhaul
85-010	1-01	S	312.0	C	4	-	RC	FUELXX	Nuclear Normal Refueling
85-012	1-14	F	432.0	A	4	-	HA	GENERA	Other Generator Problems

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 JANUARY 1985

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: February 10, 1985
COMPLETED BY: J. Ronafalvy
TELEPHONE: 609/935-6000 X4455

<u>*DCR NO.</u>	<u>PRINCIPLE SYSTEM</u>	<u>SUBJECT</u>
2EC-1963	Service Water	Position No. 24 Service Water Motor (Allis Chalmers) has failed and is being replaced with a spare (GE) motor.

* Design Change Request

MAJOR PLANT MODIFICATIONS
REPORT MONTH JANUARY 1985

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

DCR NO.

10CFR 50.59

SAFETY EVALUATION

2EC-1963 This change involves the replacement of an existing qualified motor with another qualified motor (different manufacturer). The differences between the two motors do not compromise reliability and availability features. 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

84-12-07-078-3
SMD

2

VALVE 24SW228

FAILURE DESCRIPTION: VALVE STEM IS BENT.

CORRECTIVE ACTION: REPLACED VALVE

85-01-08-013-6
SMD

2

FUEL HANDLING BUILDING CRANE

FAILURE DESCRIPTION: EXCESSIVE BRIDGE AND TROLLEY MOTION AND THE CONTROL CIRCUIT FOR THE BRIDGE IS OPERATING IN FAST SPEED EVEN THOUGH SPEED SELECTOR IS ON SLOW SPEED.

CORRECTIVE ACTION: ADJUSTED TROLLEY AND BRIDGE BRAKES; CHANGED FUSE IN BRIDGE SLOW SPEED RECT. CIRCUIT

009900429-1
SMD

2

FUEL HANDLING BUILDING CRANE

FAILURE DESCRIPTION: CORRECT PROBLEM WITH CRANE.

CORRECTIVE ACTION: CORRECTED THE MECHANICAL INTERLOCK WHICH WAS HANGING UP

84-10-16-027-7
SMD

2

NO. 22 CHILLER CONDENSER

FAILURE DESCRIPTION: POSSIBLE TUBE LEAK

CORRECTIVE ACTION: REPLACED TUBE NO. R4

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
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84-12-07-074-7
SMD

2

VALVE 21SW243

FAILURE DESCRIPTION: IMPROPER THREAD ENGAGEMENT ON ALL NUTS WHICH FASTEN
THE VALVE FLANGES TO THE SERVICE WATER PIPING

CORRECTIVE ACTION: REPLACED STUD BOLTS

009901451-3
SIC

2

2R19A

FAILURE DESCRIPTION: CHECK SOURCES WILL NOT ACTIVATE

CORRECTIVE ACTION: REBUILT BACKPLANE

009900420-8
SMD

2

FUEL TRANSFER CART

FAILURE DESCRIPTION: PULL CABLE IS PREVENTING CART FROM REPOSITIONING
PROPERLY

CORRECTIVE ACTION: REPAIRED PULL CABLE AS PER DR #MD-84-3371

84-09-29-017-1
SMD

2

RC BREAKER 21-3-11S

FAILURE DESCRIPTION: BREAKER TRIPS WHEN BEZEL IS PLACED IN SLOT AND HAS
ALL SIX BUTTONS IN PLACE

CORRECTIVE ACTION: REPLACED BREAKER RC 21-3-11S AS PER DCR 1ED-100A
& FQ WOMD039048

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

SALEM UNIT NO. 2

The period began with the second refueling/turbine outage in progress. Total man-rem exposure for work performed this outage is significantly less than the projected exposure. This is attributed to excellent communication among all concerned parties. Main Generator replacement work continues. Turbine work is continuing. All lower and upper inner cylinders have been removed for reblading and the machining of sealing areas is in progress. Electrical and mechanical modifications are continuing for adaptation of the General Electric Generator. The rotor for the Main Generator arrived on site. Installation of the three LP rotors has been initiated. A successful Generator Bump Test (vibration type test) was accomplished upon completion of bracing and reinforcement. The Reactor Vessel Flange surface was polished underwater. This is the first time this type work was performed underwater. Extensive dose savings was realized by this effort. Fuel inspection and loading commenced and was completed. The Reactor Vessel Head was set in place. System outages (CVCS, RHR, and SJ) were initiated and completed. 2B Battery cell replacement and 2B Vital Bus outage were initiated and completed. 2A Battery selected cell replacement was initiated and completed. MSR work continues. Type C leak rate testing of Containment Isolation Valves is in progress. 21 Component Cooling Heat Exchanger (CCHX) retubing was completed. Approximately 1600 tubes were replaced.

REFUELING INFORMATION

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

Month January 1985

1. Refueling information has changed from last month:
 YES X NO _____
2. Scheduled date for next refueling: October 4, 1984
3. Scheduled date for restart following refueling: April 1, 1985
4. A) Will Technical Specification changes or other license amendments be required?
 YES X* NO _____
- B) Has the reload fuel design been reviewed by the Station Operating Review Committee?
 YES X NO _____
 If no, when is it scheduled? N/A
5. Scheduled date(s) for submitting proposed licensing action:
N/A
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 2004

8-1-7.R4

* A request for Technical Specification change that is required for Salem 2 Cycle 3 operation was transmitted to the NRC in our letter dated 10/15/84.



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

Salem Generating Station

February 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 Specifications, 10 copies of the following monthly operating reports for the month of January 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

Enclosure
8-1-7.R4

LEA
1/1

The Energy People