

AVERAGE DAILY UNIT POWER LEVEL

Completed by L. K. Miller

Docket No. 50-272
 Unit Name Salem # 1
 Date April 10, 1984
 Telephone 609-935-6000
 Extension 4455

Month March 1984

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>

Day Average Daily Power Level
 (MWe-NET)

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. 50-272
 Date April 10, 1984
 Telephone 935-6000
 Extension 4455

Completed by L. K. Miller

Operating Status

1. Unit Name	<u>Salem No. 1</u>	<u>Notes</u>
2. Reporting Period	<u>March 1984</u>	
3. Licensed Thermal Power (MWt)	<u>3338</u>	
4. Nameplate Rating (Gross MWe)	<u>1135</u>	
5. Design Electrical Rating (Net MWe)	<u>1090</u>	
6. Maximum Dependable Capacity (Gross MWe)	<u>1124</u>	
7. Maximum Dependable Capacity (Net MWe)	<u>1079</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>2184</u>	<u>59209</u>
12. No. of Hrs. Reactor was Critical	<u>0</u>	<u>1237.6</u>	<u>34388.8</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>54.5</u>	<u>3088.4</u>
14. Hours Generator On-Line	<u>0</u>	<u>1197.8</u>	<u>32975.7</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>3800023</u>	<u>99619394</u>
17. Gross Elec. Energy Generated (MWH)	<u>0</u>	<u>1281380</u>	<u>32896480</u>
18. Net Elec. Energy Generated (MWH)	<u>(6306)</u>	<u>1217458</u>	<u>31188770</u>
19. Unit Service Factor	<u>0</u>	<u>54.8</u>	<u>55.7</u>
20. Unit Availability Factor	<u>0</u>	<u>54.8</u>	<u>55.7</u>
21. Unit Capacity Factor (using MDC Net)	<u>0</u>	<u>51.7</u>	<u>48.8</u>
22. Unit Capacity Factor (using DER Net)	<u>0</u>	<u>51.1</u>	<u>48.3</u>
23. Unit Forced Outage Rate	<u>100</u>	<u>45.2</u>	<u>29.8</u>
24. Shutdowns scheduled over next 6 months (type, date and duration of each)			

Refueling 3-1-84

25. If shutdown at end of Report Period, Estimated Date of Startup:
9-1-84

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

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	<u>9/30/76</u>	<u>12/11/76</u>
Initial Electricity	<u>11/1/76</u>	<u>12/25/76</u>
Commercial Operation	<u>12/20/76</u>	<u>6/30/77</u>

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UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH March 1984

Docket No. 50-272
Unit Name Salem No.1
Date April 10, 1984
Telephone 609-935-6000
Extension 4455

Completed by L.K. Miller

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 Other
84-172	02-24	F	744	A	3	-	HA	GENERA	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 MARCH 1984

DOCKET NO: 50-272

UNIT NAME: SALEM 1

DATE: APRIL 10, 1984

COMPLETED BY: L. K. MILLER

TELEPHONE: (609) 339-4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1SC-1362	Fuel Transfer	Upgrade the Fuel Transfer System per Westinghouse recommendations.

* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS
REPORT MONTH MARCH 1984

DOCKET NO.: 50-272
UNIT NAME: Salem 1
DATE: April 10, 1984
COMPLETED BY: L.K. Miller
TELEPHONE: 609/339-4455

*DCR NO. SAFETY EVALUATION 10 CFR 50.59

1SC-1362 The implementation of this DCR does not involve any safety related systems. Additionally, implementation of this DCR will not compromise the functioning of the fuel handling system. No unreviewed safety or environmental questions are involved.

*DCR - Design Change Request

SALEM UNIT 1

OPERATIONS SUMMARY REPORT

MARCH 1984

Unit No. 1 began the period shutdown as the fifth refueling outage continues. The Unit No. 1 generator was partially disassembled to allow removal of the rotor and completion of the damage assessment. Following testing, the generator coils were completely removed. Eight top coils and four bottom coils are to be saved. The generator rotor was shipped off site to be refurbished and repaired. Loop testing of the generator iron revealed no major problems. The decision to repair or replace the generator is under consideration. All low pressure turbine rotor NDE examinations of the L-0 stages were performed. The results are under evaluation. Disassembly of No. 12 Low Pressure Turbine is in progress to allow further evaluation. Inspections of the Moisture Separator Reheaters (MSR) disclosed significant degradation, requiring replacement of the chevron separators. Reactor disassembly and unloading of the fuel was completed on March 20, 1984. Radiography of No. 12 Component Cooling Water Heat Exchanger service water piping welds was completed. Approximately 75% of the welds inspected show evidence of pitting and linear corrosion in the base metal adjacent to the welds. Engineering Department is evaluating several options to correct the situation. Radiography was performed on all RTD loop bypass valves. Ten of the twenty valves have their disks separated from the stems. One valve has a disk which is only partially separated from the stem. All of the RTD bypass valves will be replaced. Preparations are in progress to remove No. 11, 13 and 14 RCP motors for design modifications, and to perform seal inspections on No. 11 and 13 RCPs.

REFUELING INFORMATION

COMPLETED BY: L.K. Miller

DOCKET NO.: 50-272
UNIT NAME: Salem 1
DATE: April 10, 1984
TELEPHONE: 609/935-6000
EXTENSION: 4455

Month March 1984

1. Refueling information has changed from last month:
YES X NO
2. Scheduled date for next refueling: February 24, 1984
3. Scheduled date for restart following refueling: September 1, 1984
4. A) Will Technical Specification changes or other license amendments be required?
YES NO
NOT DETERMINED TO DATE 4/1/84
- B) Has the reload fuel design been reviewed by the Station Operating Review Committee?
YES NO X
If no, when is it scheduled? May 1984
5. Scheduled date(s) for submitting proposed licensing action:
May 1984 (if required)
6. Important licensing considerations associated with refueling:
NONE
7. Number of Fuel Assemblies:
A) Incore 0
B) In Spent Fuel Storage 489
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 1996

8-1-7.R4



PSEG

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

Salem Generating Station

April 10, 1984

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

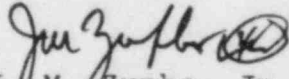
Dear Sir:

MONTHLY OPERATING REPORT
SALEM NO. 1
DOCKET NO. 50-272

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 March 1984 are being sent to you.

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

Sincerely yours,


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

LKM: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
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