

AVERAGE DAILY UNIT POWER LEVEL

Completed by Pell White

Docket No. 50-272
Unit Name Salem # 1
Date October 10, 1985
Telephone 609-935-6000
Extension 4455

Month September 1985

Day Average Daily Power Level
(MWe-NET)

Day Average Daily Power Level
(MWe-NET)

| | |
|----|-------------|
| 1 | <u>1105</u> |
| 2 | <u>1061</u> |
| 3 | <u>1064</u> |
| 4 | <u>1067</u> |
| 5 | <u>1059</u> |
| 6 | <u>1060</u> |
| 7 | <u>1056</u> |
| 8 | <u>1058</u> |
| 9 | <u>1045</u> |
| 10 | <u>1062</u> |
| 11 | <u>1050</u> |
| 12 | <u>1061</u> |
| 13 | <u>1066</u> |
| 14 | <u>1089</u> |
| 15 | <u>1094</u> |
| 16 | <u>1074</u> |

| | |
|----|-------------|
| 17 | <u>1083</u> |
| 18 | <u>1071</u> |
| 19 | <u>1078</u> |
| 20 | <u>1072</u> |
| 21 | <u>1057</u> |
| 22 | <u>1067</u> |
| 23 | <u>1080</u> |
| 24 | <u>1089</u> |
| 25 | <u>1090</u> |
| 26 | <u>1083</u> |
| 27 | <u>822</u> |
| 28 | <u>688</u> |
| 29 | <u>957</u> |
| 30 | <u>1094</u> |
| 31 | <u></u> |

P. 8.1-7 R1

8510240396 850930
PDR ADOCK 05000272
R PDR

IE24
1/1

OPERATING DATA REPORT

Docket No. 50-272
 Date October 10, 1985
 Telephone 935-6000
 Extension 4455

Completed by Pell White

Operating Status

| | | |
|--|-----------------------|--------------|
| 1. Unit Name | <u>Salem No. 1</u> | <u>Notes</u> |
| 2. Reporting Period | <u>September 1985</u> | |
| 3. Licensed Thermal Power (MWt) | <u>3338</u> | |
| 4. Nameplate Rating (Gross MWe) | <u>1170</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>720</u> | <u>6551</u> | <u>72360</u> |
| 12. No. of Hrs. Reactor was Critical | <u>720</u> | <u>6533.6</u> | <u>42357.1</u> |
| 13. Reactor Reserve Shutdown Hrs. | <u>0</u> | <u>0</u> | <u>3088.4</u> |
| 14. Hours Generator On-Line | <u>720</u> | <u>6530.7</u> | <u>40689.3</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>2351246</u> | <u>21698013</u> | <u>124466010</u> |
| 17. Gross Elec. Energy Generated (MWH) | <u>785040</u> | <u>7357750</u> | <u>41273800</u> |
| 18. Net Elec. Energy Generated (MWH) | <u>753627</u> | <u>7070558</u> | <u>39168540</u> |
| 19. Unit Service Factor | <u>100</u> | <u>99.7</u> | <u>56.2</u> |
| 20. Unit Availability Factor | <u>100</u> | <u>99.7</u> | <u>56.2</u> |
| 21. Unit Capacity Factor (using MDC Net) | <u>97.0</u> | <u>100</u> | <u>50.2</u> |
| 22. Unit Capacity Factor (using DER Net) | <u>96.0</u> | <u>99.0</u> | <u>49.7</u> |
| 23. Unit Forced Outage Rate | <u>0</u> | <u>.3</u> | <u>29.5</u> |

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

Refueling, March 15, 1986, approximately 60 days

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

N/A

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> |

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH September 1985

Docket No. 50-272
Unit Name Salem No.1
Date October 10, 1985
Telephone 609-935-6000
Extension 4455

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 |
|--------|------|-----------|-------------------|-------------|--|----------------------------|------------------|---------------------|---|
| 85-584 | 0927 | F | 6.5 | A | 5 | - | HC | FILTER | Travelling Screen/ Trash Rack/ Canal Screen |
| 85-586 | 0927 | F | 17.9 | A | 5 | - | HC | FILTER | Travelling Screen/ Trash Rack/ Canal Screen |
| 85-588 | 0928 | F | 13.9 | A | 5 | - | HC | FILTER | Travelling Screen/ Trash Rack/ Canal Screen |

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 SEPTEMBER 1985

DOCKET NO.: 50-272
UNIT NAME: Salem 1
DATE: October 10, 1985
COMPLETED BY: J. Rcnafalvy
TELEPHONE: 609/339-4455

| *DCR NO. | PRINCIPLE SYSTEM | SUBJECT |
|----------|---------------------------|--|
| 1EC-1968 | Lighting | Replace light fixtures on various areas of the plant. |
| 1SC-1005 | Waste Disposal (Gas) | Change the type of device on #11 and #12 Waste Gas Compressors that monitors separator pressure (1PD1839 for 11 and 1PD1842 for 12). |
| 1SC-1429 | Fuel Handling (BPRA Tool) | Replace comb push rods, clevis and clevis pins, retainers, etc. in accordance with instructions supplied with Westinghouse modification kit. |

* Design Change Request

MAJOR PLANT MODIFICATIONS
REPORT MONTH SEPTEMBER 1985

DOCKET NO.: 50-272
UNIT NAME: Salem 1
DATE: October 10, 1985
COMPLETED BY: J. Ronafalvy
TELEPHONE: 609/339-4455

*DCR NO. SAFETY EVALUATION 10 CFR 50.59

- 1EC-1968 This design change replaces obsolete lighting fixtures in the Turbine Building. It will not adversely affect any safety related equipment and will not change the basis for the Technical Specification. No unreviewed safety or environmental questions are involved.
- 1SC-1005 The replacement pressure switches meet the original design requirements except for accuracy. They, however, only monitor separator pressure and perform no safety related function. No unreviewed safety or environmental questions are involved.
- 1SC-1429 This modification includes replacement of the original comb rods on the 3PRA handling tool with those of heavier gauge parts. It does not reduce the margin of safety as defined in the basis of any Technical Specification. This design change does not increase the probability of occurrence or the consequences of any accident previously evaluated in the FSAR. No unreviewed safety or environmental questions are involved.

*DCR - Design Change Request

PSE&G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

SALEM UNIT 1

| WO NO | DEPT | UNIT | EQUIPMENT IDENTIFICATION |
|-------|------|------|--------------------------|
|-------|------|------|--------------------------|

0099006391

SMD

1

1PS1

FAILURE DESCRIPTION: BODY TO BONNET LEAK THRU MUD HOLE.

CORRECTIVE ACTION: REPUMPED WITH FURMANITE: STILL LEAKS VERY SMALL
AMT. STEAM

0099006405

SMD

1

1PS3

FAILURE DESCRIPTION: BODY TO BONNET LEAK.

CORRECTIVE ACTION: RE-PUMP WITH FURMANITE, STILL LEAKS VERY
LITTLE STEAM

0099162016

SMD

1

1PS28

FAILURE DESCRIPTION: VALVE HAS PACKING LEAK.

CORRECTIVE ACTION: FURMANITED VALVE IAW T-169 WO TO BE WRITTEN TO
PERFORM PERMANENT REPAIR NEXT OUTAGE

SALEM UNIT 1

| WO NO | DEPT | UNIT | EQUIPMENT IDENTIFICATION |
|-------|------|------|--------------------------|
|-------|------|------|--------------------------|

0099177994

SMD

1

13 SERVICE WATER PUMP

FAILURE DESCRIPTION: THE PUMP HAS EXCESSIVE PAKCING LEAKAGE

CORRECTIVE ACTION: REPACKED PUMP

8507260691

SMD

1

13 CHARGING PUMP

FAILURE DESCRIPTION: PUMP HAS A SEAL LEAK. SEAL TANK OVERFLOWING.
PUMP IS NOT OUT OF SERVICE.CORRECTIVE ACTION: NEW PLUNGER, PACKING AND GASKETS AND INSPECTED

8508260814

SMD

1

12 CONT. SPRAY PUMP

FAILURE DESCRIPTION: THERE IS A SMALL LEAK AT THE DISCHARGE FLANGE.

CORRECTIVE ACTION: REPLACED DISCHARGED FLANGE GASKET

8509030588

SIC

1

LOOP 12 DP'S INDICATION

FAILURE DESCRIPTION: LOOP 12 DP IS NOW READING 790 IN. THE OTHER
THREE LOOPS ARE AT 660 IN.CORRECTIVE ACTION: REPLACED FAIRCHILD INDICATOR BECAUSE OF JUMPING
ERRATIC READINGS

SALEM UNIT 1

| WO NO | DEPT | UNIT | EQUIPMENT IDENTIFICATION |
|-------|------|------|--------------------------|
|-------|------|------|--------------------------|

8509170495

SMD

1

1PS28

FAILURE DESCRIPTION: PLEASE HAVE FURMANITE REINJECT 1PS28.

CORRECTIVE ACTION: VALVE PACKING GLAND DID NOT NEED TO BE REINJECTED,
BUT WE INSTALLED A BODY TO BONNET CLAMP PER A DR

8509190283

SMD

1

1PS3

FAILURE DESCRIPTION: HAVE FURMANITE REPAIR BODY TO BONNET LEAK
ON VALVE 1PS3.CORRECTIVE ACTION: VALVE INJECTED WITH FURMANITE AS PER DR;
LEAK STOPPED

8509220093

SMD

1

11SW127

FAILURE DESCRIPTION: VALVE IS LEAKING SEVERLY OUT OF FLANGE,
AROUND BOLT.

CORRECTIVE ACTION: REPAIRED SPOOL PIECES AS PER DR

8509260095

SMD

1

1PS28

FAILURE DESCRIPTION: THE FURMINATE FITTING IS LEAKING STEAM.
PLEASE REPAIR.CORRECTIVE ACTION: VALVE REINJECTED WITH FURMINATE AS PER DR; LEAK
STOPPED

SALEM GENERATING STATION
MONTHLY OPERATING SUMMARY - UNIT NO. 1
SEPTEMBER 1985

SALEM NO. 1

The Unit began the period operating at full power. On 09/27/85 at 1127 hours power was reduced to 43% due to grasses and debris from the river partially clogging the Circ. Water screens. Upon completion of cleaning the screens, Condensate Pump repairs (oil leaks) and strainer cleaning the Unit was returned to 100% power on 11/29/85 at 1324 hours where it remained for the rest of the period.

REFUELING INFORMATION

Completed by J. Ronafalvy

Docket No. 50-272
Unit Name Salem #1
Date October 10, 1985
Telephone 609-935-6000
Extension 4455

Month September 1985

1. Refueling information has changed from last month:

YES _____ NO X

2. Scheduled date of next refueling: February 22, 1986

3. Scheduled date for restart following refueling: May 4, 1986

4. A. Will Technical Specification changes or other license amendments be required?

YES _____ NO _____

NOT DETERMINED TO DATE _____

B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES _____ NO X

If no, when is it scheduled? January 1986

5. Scheduled date(s) for submitting proposed licensing action:

January 1986, if required

6. Important licensing considerations associated with refueling:

NONE

7. Number of Fuel Assemblies:

A. Incore 193

B. In Spent Fuel Storage 296

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



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

Salem Generating Station

October 10, 1985

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 September 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

Enclosures
8-1-7.R4

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