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Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

May 15, 1996

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

Attn.: Document Control Desk

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 report for the month of April is being sent to you.

Sincerely yours,

Clay C. Warren
General Manager -
Salem Operations

RH:vls
Enclosures

C Mr. Thomas T. Martin
Regional Administrator USNRC, Region I
475 Allendale Road
King of Prussia, PA 19046

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The power is in your hands.

OPERATING DATA REPORT

Docket No: 50-272
 Date: 05/10/96
 Telephone: 339-2735

Completed by: Robert Phillips

Operating Status

1. Unit Name	<u>Salem No. 1</u>	<u>Notes</u>
2. Reporting Period	<u>April 1996</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	<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>
12. Hours in Reporting Period	<u>719</u>	<u>2903</u>	<u>165120</u>
12. No. of Hrs. Rx. was Critical	<u>0</u>	<u>0</u>	<u>104380.5</u>
13. Reactor Reserve Shutdown Hrs.	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>100388.3</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>318062229.2</u>
17. Gross Elec. Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>105301000</u>
18. Net Elec. Energy Gen. (MWH)	<u>-1889</u>	<u>-8733</u>	<u>100196180</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>60.8</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>60.8</u>
21. Unit Capacity Factor			
(using MDC Net)	<u>0</u>	<u>0</u>	<u>54.9</u>
22. Unit Capacity Factor			
(using DER Net)	<u>0</u>	<u>0</u>	<u>54.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>22.9</u>

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

The Unit remained in a scheduled extension of a refueling outage.

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

To be determined.

AVERA DAILY UNIT POWER LEVEL

Docket No.: 50-272
 Unit Name: Salem #1
 Date: 05/10/96
 Telephone: 339-2735

Completed by: Robert Phillips

Month April 1996

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>

UNIT SHUTDOWN AND POWER REDUCTIONS
 REPORT MONTH April 1996

DOCKET NO.: 50-272
 UNIT NAME: Salem #1
 DATE: 05/10/96
 COMPLETED BY: Robert Phillips
 TELEPHONE: 609-339-2735

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
3824	04-01-96	S	719	C	4	-----	ZZ	ZZZZ	Schedule Extension of Refueling

1 F: Forced
S: Scheduled

2 Reason
A-Equipment Failure (explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
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 1 - Same Source

10CFR50.59 EVALUATIONS
MONTH: APRIL 1996

DOCKET NO: 50-272
UNIT NAME: SALEM 1
DATE: 05/10/96
COMPLETED BY: R. HELLER
TELEPHONE: 609-339-5162

The following items were evaluated in accordance with the provisions of the Code of Federal Regulations 10CFR50.59. The Station Operations Review Committee has reviewed and concurs with these evaluations.

ITEM	SUMMARY
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1. Design Change Packages (DCP)

- | | |
|------------------|--|
| 1EC-3540, Pkg. 1 | "1SJ1 & 1SJ2 SI RWST to Charging Pump Stop Valves Disc Weep Holes" Rev. 0 - This DCP drills weep holes in the valve discs (Pump side) of the Safety Injection RWST to Charging Pump Stop Valves 1SJ1 and 1SJ2. This modification provides an internal relief path to preclude potential pressure locking due to a pressure buildup in the valves' bonnet cavities and in the space between the valve discs. This is consistent with preventive methods promulgated in NUREG-1275, Vol. 9. This modification does not reduce the safety margin of the Safety Injection System and enhances the reliability of the system by providing an internal relief path for any fluid trapped in the valve bonnets, thus ensuring valve operability.
(SORC 96-013) |
| 1EC-3540, Pkg. 2 | "Safety Injection Pump Cross Over Motor Operated Valves (11SJ113 And 12SJ113) Disc Weep Holes" Rev. 0 - This DCP drills weep holes in the valve discs (11SJ114 valve side) of the Safety Injection Pump Cross Over Motor Operated Valves 11SJ113 and 12SJ113. This modification provides an internal relief path to preclude potential pressure locking due to a pressure buildup in the valves' bonnet cavities and in the spaces between the valve discs. This is consistent with preventive methods promulgated in NUREG-1275, Vol. 9. This modification does not reduce the safety margin of the Safety Injection System and enhances the reliability of the system by providing an internal relief path for any fluid trapped in the valve bonnets, thus ensuring valve operability.
(SORC 96-019) |

10CFR50.59 EVALUATIONS
MONTH: APRIL 1996

DOCKET NO: 50-272
UNIT NAME: SALEM 1
DATE: 05/10/96
COMPLETED BY: R. HELLER
TELEPHONE: 609-339-5162

(Cont'd)

ITEM	SUMMARY
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2. UFSAR

SCN 96-36

"Chemistry Organization Flow Chart" - This revision describes the Chemistry Department organization and organization duties different than the UFSAR. The proposed procedure change does not conflict with any Technical Specification requirement, nor does the procedure change reduce the margin of safety required by Technical Specifications because specific programs and policies are still required by UFSAR Section 12.3.5, Procedures. (SORC 96-046)

3. Procedures and Revisions

S-C.RE-FR.ZZ-0003

"New Fuel Transfer and Shipment" Rev. 0 - The purpose of this procedure is to provide the steps necessary to load unirradiated fuel assemblies into a shipping container(s) and transfer the shipping container(s) either off-site or between units. The transfer of new fuel between units does not affect the bases for any of these Technical Specifications and therefore, does not reduce the margin of safety. (SORC 96-050)

4. Evaluations

ES-4.004 Rev. 2

"125V Battery And Battery Charger Sizing Calculation" - This is a revision to calculation ES-4.004(Q) Revision 2, which is the basis of the 125V DC battery load. This revision sizes the battery, battery charger and determines the Battery Voltage Profiles and supersedes and incorporates ES-45.002(Q) for Station blackout event (SBO). The load profiles provide the basis of the Technical Specification Surveillance (4.8.2.3.2) for the 18 month battery service test. The 125V DC battery load profile is shown in table 8.3.6 of the Salem UFSAR. The revision to this calculation proposes no changes to the structures systems or components. This calculation revision is more precise and conservative and does not reduce the margin of safety as defined in the Technical Specifications. (SORC 96-053)

10CFR50.59 EVALUATIONS
MONTH: APRIL 1996

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(Cont'd)

ITEM	SUMMARY
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ES-3.002 Rev. 1

“28V DC Battery And Battery Charger Sizing Calculation” -
This is a revision to calculation ES-3.002(Q) Revision 1, which is the basis of the 28V DC battery load profiles. This revision sizes the battery, battery charger and determines the Battery Voltage Profiles and supersedes and incorporates ES-45.001(Q) for Station blackout event (SBO). The load profiles provide the basis of the Technical Specification Surveillance (4.8.2.5.2) for the 18 month battery service test. The 28V DC battery load profile is shown in table 8.3-5 of the Salem UFSAR. The revision to this calculation proposes no changes to the structures systems or components. This calculation revision is more precise and conservative and does not reduce the margin of safety as defined in the Technical Specifications.
(SORC 96-053)

REFUELING INFORMATION
MONTH: APRIL 1996

DOCKET NO: 50-272
UNIT NAME: SALEM 1
DATE: 05/10/96
COMPLETED BY: R. HELLER
TELEPHONE: 609-339-5162

MONTH : APRIL 1996

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

Scheduled date for next refueling: (to be determined)

Scheduled date for restart following refueling: (to be determined)

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? (to be determined)

Scheduled date(s) for submitting proposed licensing action: n/a

Important licensing considerations associated with refueling:

Number of Fuel Assemblies:

a. Incore 0
b. In Spent Fuel Storage 993

Present licensed spent fuel storage capacity: 1632
Future spent fuel storage capacity: 1632

Date of last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: September 2008

SALEM GENERATING STATION
MONTHLY OPERATING SUMMARY - UNIT 1
APRIL 1996

SALEM UNIT NO. 1

The Unit is in a refueling outage and remained shutdown for the entire period. Evaluation and assessment of the Steam Generator tube indications continues. According to commitments from PSE&G and a subsequent confirmatory action letter from the NRC, the Unit will remain shutdown pending completion of the following actions:

- Appropriately address long standing equipment reliability and operability issues
- After the work is completed, conduct a restart readiness review to determine for ourselves the ability of each Unit to operate in a safe, event free manner
- After the restart review, meet with the NRC and communicate the results of that review