

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

Nuclear Business Unit

October 14, 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 September is being sent to you.

Sincerely yours,

David F. Garchow General Manager -Salem Operations

RH:vls Enclosures

C Mr. H. J. Miller Regional Administrator USNRC, Region I 475 Allendale Road King of Prussia, PA 19046

IE241/

9610220303 960930 PDR ADOCK 05000272 R PDR

OPERATING DATA REPORT

Docket No:

50-272 '

10/10/96 Date: Completed by: Robert Phillips Telephone: 339-2735 Operating Status Unit Name Salem No. 1 Notes 1. Reporting Period September 1996 3. Licensed Thermal Power (MWt) 3411 Nameplate Rating (Gross MWe) 4. 1170 Design Electrical Rating (Net MWe) 1115
Maximum Dependable Capacity (Gross MWe) 1149 5. Maximum Dependable Capacity (Net MWe) 1106 7. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason N/A Power Level to Which Restricted, if any (Net MWe) _____N/A___ 9. 10. Reasons for Restrictions, if any _____N/A This Month Cumulative Year to Date 12. Hours in Reporting Period 720 6575 168792 12. No. of Hrs. Rx. was Critical 0 104380.5 13. Reactor Reserve Shutdown Hrs. 0 0 0 100388.3 14. Hours Generator On-Line 0 0 15. Unit Reserve Shutdown Hours 0 0 0 16. Gross Thermal Energy Generated 0 0 318062229 (MWH) 17. Gross Elec. Energy Generated (MWH) <u>10530100</u>0 0 **-**27<u>77</u> 18. Net Elec. Energy Gen. (MWH) -21438 <u>100</u>183475 19. Unit Service Factor 59.5 20. Unit Availability Factor 0 0 59.5 21. Unit Capacity Factor (using MDC Net) 0 0 53.7 22. Unit Capacity Factor (using DER Net) 100 100 23. Unit Forced Outage Rate 24. Shutdowns scheduled over next 6 months (type, date and duration of each) Refueling extension. 25. If shutdown at end of Report Period, Estimated Date of Startup: Under review.

DAILY UNIT POWER LEVEL

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

Completed by: Robert Phillips

Month	September 1996					
Day Averaç (MWe	ge Daily Power Level e-NET)	Day Average 1 (MWe-Ni	Day Average Daily Power Level (MWe-NET)			
1	0	17	0			
2	0	18	0			
3	0	19	0			
4	0	20	0			
5	0	21	0			
6	0	22	0			
7	0	23	0			
8	0	24	0			
9	0	25	0			
10	0	26	0			
11		27	0			
12	0	28	0			
13	0	29	0			
14	0	30	0			
15	0	31 _				

16 _____0

UNIT SHUTDOWN AND POWER REDUCTIONS REPORT MONTH September 1996

DOCKET NO.: 50-272

UNIT NAME: Salem #1

DATE: 10/10/96

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
4092	9/01/96	F	720	F,C	4		HJ	2422	Nuclear Steam Generator Systems.
								<u> </u>	
<u></u>		<u> </u>		<u> </u>		<u> </u>		<u> </u>	

F: Forced S: Scheduled 2

Reason A-Equipment Failure (explain) B-Maintenance or Test C-Refueling D-Requiatory 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

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161) Exhibit 1 - Same Source

10CFR50.59 EVALUATIONS MONTH: SEPTEMBER 1996

DOCKET NO: UNIT NAME:

50-272 SALEM 1

CONTACT: TELEPHONE:

R. HELLER 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

1. Design Change Packages (DCP)

1EC-3360, Pkg. 1

"Control Room Modifications" Rev.0 - This DCP is for Control Room and Work Control Center layout changes to improve these areas in accordance with established Human Factors Guidelines as documented in NUREG-0700. This modification improved the Operator's Ready Room habitability by including it within the Control Room isolation boundary. The human factor improvements enhance operator performance, operator efficiency, and facilitate the command and control capabilities of the Nuclear Shift Supervisors and the Senior Nuclear Shift Supervisor. There is no reduction in the margin of safety as defined in the basis for any Technical Specification. (SORC 96-038)

2. UFSAR Change Notices (SCN)

SCN 96-057

"Service Water System Flow Rates and Heat Loads" - This SCN revises UFSAR Section 9.2.1, including Table 9.2-1, so that the UFSAR correctly reflects the Service Water System design flows and heat loads associated with the equipment and components required for various plant operating modes. The acceptance criteria for postulated design basis accidents affected by the system define the acceptable margin of safety. This change does not affect the acceptance criteria or design limits of the operable loop of the system or any other system. There is no reduction in the margin of safety as defined in the basis for any Technical Specification. (SORC 96-119)

10CFR50.59 EVALUATIONS MONTH: SEPTEMBER 1996

DOCKET NO: UNIT NAME:

50-272 SALEM 1

CONTACT: TELEPHONE:

R. HELLER 609-339-5162

(cont'd)

ITEM

SUMMARY

2. Procedures and Revisions

SC.FP-TI.FP-0002(Q)

"Fire Protection Equipment / Systems Contingency Plans"
Rev. 0 - This new procedure contains steps to install jumpers to disable trouble alarm signals that are generated by the design of the system. These trouble indications affect the ability of the fire protection alarm circuits to function properly and prevent testing of the fire protection equipment within the established time period. There is no reduction in the margin of safety as defined in the basis for any Technical Specification.

(SORC 96-129)

	EFUELING INFORMATION IONTH: SEPTEMBER 1996	DOCKET NO: UNIT NAME: CONTACT: TELEPHONE:	R. HELLER					
M	IONTH: SEPTEMBER 1996	TEEET HOIVE.	007-337-3102					
•	Refueling information has changed from last month: YES NO . X .							
	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 licer	ising action:n	/a					
•	Important licensing considerations associated with refueling:							
	Number of Fuel Assemblies: a. Incore		. 0 .					
	b. In Spent Fuel Storage		. 989 .					
	Present licensed spent fuel storage capacity: Future spent fuel storage capacity:		<u>. 1632 </u>					
	Date of last refueling that can be discharged to spent fuel pool assuming the present licensed ca		October 2008					

SALEM GENERATING STATION MONTHLY OPERATING SUMMARY - UNIT 1 SEPTEMBER 1996

SALEM UNIT NO. 1

The Unit is in a refueling and Steam Generator replacement outage and remained shutdown for the entire period. 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 the Unit to operate in a safe, event free manner
- After the restart review, meet with the NRC and communicate the results of that review