PSEG

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

Salem Generating Station

November 13, 1992

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

Dear Sir:

MONTHLY OPERATING REPORT
SALEM NO. 2
DOCKET NO. 50-311

In compliance with Section 6.9.1.6, Reporting Requirements for the Salem Technical Specifications, the original copy of the monthly operating reports for the month of October 1992 are being sent to you.

Average Daily Unit Power Level
Operating Data Report
Unit Shutdowns and Power Reductions
Safety Related Maintenance
10CFR50.59 Evaluations
Operating Summary
Refueling Information

Sincerely yours,

General Manager -
Salem Operations

RH:pc

cc: Mr. Thomas T. Martin
Regional Administrator USNRC
Region I
631 Park Avenue
King of Prussia, PA 19046

Enclosures

8-1-7.R4

The Energy People

0002

IE24

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-311
Unit Name: Salem #2
Date: 11/10/92
Telephone: 339-2122

Completed by: Mark Shedlock

Month October 1992

Day	Average Daily Power Level (MWe-NET)	Day	Average Daily Power Level (MWe-NET)
1	1090	17	1120
2	1090	18	1112
3	1034	19	1085
4	1084	20	1110
5	1031	21	1122
6	1107	22	1120
7	1111	23	1120
8	1122	24	1116
9	1122	25	1116
10	1116	26	1116
11	1115	27	1128
12	1115	28	1093
13	1110	29	1124
14	1117	30	1118
15	1112	31	1118
16	1120		

OPERATING DATA REPORT

Docket No: 50-311
Date: 11/10/92
Completed by: Mark Shedlock Telephone: 339-2122

Operating Status

1.	Unit Name	Salem No. 2	Notes
2.	Reporting Period	October 1992	
3.	Licensed Thermal Power (MWt)	3411	
4.	Nameplate Rating (Gross MWe)	1170	
5.	Design Electrical Rating (Net MWe)	1115	
6.	Maximum Dependable Capacity(Gross MWe)	1149	
7.	Maximum Dependable Capacity (Net MWe)	1106	

8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason N/A

9. Power Level to Which Restricted, if any (Net MWe) N/A

10. Reasons for Restrictions, if any N/A

	This Month	Year to Date	Cumulative
11. Hours in Reporting Period	745	7320	96889
12. No. of Hrs. Rx. was Critical	745	3685.5	62301.6
13. Reactor Reserve Shutdown Hrs.	0	0	0
14. Hours Generator On-Line	745	3256.8	60155.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2522004.0	10311556.8	140423278.6
17. Gross Elec. Energy Generated (MWH)	857540	3393510	63120558
18. Net Elec. Energy Gen. (MWH)	824583	3194826	60063111
19. Unit Service Factor	100	44.5	62.1
20. Unit Availability Factor	100	44.5	62.1
21. Unit Capacity Factor (using MDC Net)	100.1	39.5	56.1
22. Unit Capacity Factor (using DER Net)	99.3	39.1	55.6
23. Unit Forced Outage Rate	0	21.3	23.2

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

Refueling outage scheduled to start 03/29/93 and last 55 days.

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

N/A

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH OCTOBER 1992

DOCKET NO.: 50-311
UNIT NAME: Salem #2
DATE: 11/10/92
COMPLETED BY: Mark Shedlock
TELEPHONE: 339-2122

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

1
F: Forced
S: Scheduled

2
Reason
A-Equipment Failure (explain)
B-Maintenance or Test
C-Refueling
D-Requlatory 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

SAFETY RELATED MAINTENANCE
MONTH: - OCTOBER 1992

DOCKET NO: 50-311
UNIT NAME: SALEM 2
DATE: NOVEMBER 10, 1992
COMPLETED BY: J. FEST
TELEPHONE: (609)339-2904

WO NO	UNIT	EQUIPMENT IDENTIFICATION
881103132	2	RADIATION MONITORING
		FAILURE DESCRIPTION: ENCLOSURE SUPPLY WILL NOT STAY OPEN - INVESTIGATE.
921029089	2	21 SERVICE WATER ROOM COOLER
		FAILURE DESCRIPTION: ROOM COOLER INLET VALVE PANEL VALVE AIR LEAK - REPAIR

10CFR50.59 EVALUATIONS
MONTH: - OCTOBER 1992

DOCKET NO: 50-311
UNIT NAME: SALEM 2
DATE: NOVEMBER 10, 1992
COMPLETED BY: J. FEST
TELEPHONE: (609)339-2904

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
2EC-3098 Pkg. 1	"Rosemount Transmitter Upgrade" - The purpose of this change is to: 1) Replace 30 Rosemount electronic pressure and differential pressure transmitters with equivalent Series H transmitters. 2) Upgrade 16 Rosemount electronics transmitters to Type "R" output. 3) Install new electrical quick-disconnects at the transmitters. 4) Modify tubing at the transmitters for proper arrangement of valving. There is no change to instrument process variable spans. The new or modified transmitters are equal to or better than the previous instruments under all conditions. There is no impact on the margin of safety as defined in the basis for any Technical Specification. (SORC 92-108)
2SC-2267 Pkg. 3	"SEC Circuit - Service Water Pump Start Test Switch Installation" - The purpose of this change is to provide a Key Lock Test Switch in service water pump breaker cubicle 2B8D for 24 primary service water pump, located in the 4KV Vital Bus Switchgear Room. This switch will be placed in the test position during Full Flow Test Surveillance of the service water pumps in Bay 4, to ensure that two service water pumps aligned to the plant will start upon receipt of an SEC initiation signal during all SEC Mode Operation conditions, thus avoiding a situation in which only a single pump aligned to the plant is started. The switch is not required when full flow testing is completed on the pumps located in Bay 2. This proposal does not reduce the margin of safety as defined in the basis for any Technical Specification. The only Technical Specification for the Service Water system states that "At least two independent service water loops shall be operable". Since the installation of a key lock test switch to provide an added degree of personnel safety

.10CFR50.59 EVALUATIONS
MONTH: - OCTOBER 1992

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COMPLETED BY: J. FEST
TELEPHONE: (609)339-2904

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
	during performance of existing test procedures does not affect the subject Technical Specification requirement, the margin of safety as defined in the basis for any Technical Specification is not reduced. (SORC 92-110)

SALEM GENERATING STATION
MONTHLY OPERATING SUMMARY - UNIT 2
OCTOBER 1992

SALEM UNIT NO. 2

The Unit began the period operating at full power, and with the exception of a brief load reduction to support Hope Creek switching, continued to operate at full power throughout the remainder of the period.

REFUELING INFORMATION
MONTH: - OCTOBER 1992

DOCKET NO: 50-311
UNIT NAME: SALEM 2
DATE: NOVEMBER 10, 1992
COMPLETED BY: J. FEST
TELEPHONE: (609)339-2904

MONTH OCTOBER 1992

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

2. Scheduled date for next refueling: MARCH 27, 1993

3. Scheduled date for restart following refueling: MAY 21, 1993

4. 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?: FEBRUARY 1993

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

6. Important licensing considerations associated with refueling:

7. Number of Fuel Assemblies:

   a. Incore 193
   b. In Spent Fuel Storage 408

8. Present licensed spent fuel storage capacity: 1170

   Future spent fuel storage capacity: 1170

9. Date of last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: March 2003