

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

Salem Generating Station

June 12, 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 May 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 7206230113 720531 PDR ADOCK 05000311 PDR ADOCK 05000311 PDR ADOCK 05000311

95-2189 (10M) 12-89

VERAGE DAILY UNIT POWER LEV

Docket No.:	50-311
Unit Name:	Salem #2
Date:	06/10/92
Telephone:	339-2122

Completed by: <u>Mark Shedlock</u>

Month <u>May 1992</u>

Day Average Daily Power Level (MWe-NET) Day Average Daily Power Level (MWe-NET)

1	0	17	0
2	0		0
3	0	19	0
4	0	20	158
5	0	21	749
6	0	22	531
7	0	23	958
8	34	24	1027
9	32	25	936
10	159	26	1082
11	361	27	1074
12	389	28	488
13	380	29	826
14	0	30	1090
15	0	31	487
16	0		

•	OPERATI	NG DATA REPORT		
Com <u>r</u>	pleted by: <u>Mark Shedlock</u>		Docket No: Date: Telephone:	50-311 06/10/92 339-2122
<u>Ope</u> j	cating Status			
1. 2. 3. 4. 5. 6. 7. 8.	Unit Name Reporting Period <u>M</u> Licensed Thermal Power (MWt) Nameplate Rating (Gross MWe) Design Electrical Rating (Net M Maximum Dependable Capacity(Gro Maximum Dependable Capacity (Ne If Changes Occur in Capacity Ra Report, Give Reason <u>N/A</u>	<u>Salem No. 2</u> <u>3411</u> <u>1170</u> We) <u>1115</u> SS MWe) <u>1149</u> St MWe) <u>1106</u> Stings (items 3	<u>Notes</u> through 7) a	since Last
9.	Power Level to Which Restricted	l, if any (Net	MWe)1	N/A
10.	Reasons for Restrictions, if an	ny <u>N/A</u>		
		This Month	Year to Date	Cumulative
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.	<pre>Hours in Reporting Period No. of Hrs. Rx. was Critical Reactor Reserve Shutdown Hrs. Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated</pre>	$ \begin{array}{r} 744 \\ 583.45 \\ 0 \\ 392.22 \\ 0 \\ 949466.4 \\ 276030 \\ 248632 \\ 52.7 \\ 52.7 \\ 30.2 \\ 30.2 \\ 30.0 \\ 0 \\ 5 months (type, $	$ \begin{array}{r} 3647 \\ 731.94 \\ 0 \\ 392.22 \\ 0 \\ 970305.6 \\ 276030 \\ 221685 \\ 10.8 \\ 10.8 \\ 10.8 \\ 10.8 \\ 5.5 \\ 5.5 \\ 5.5 \\ 15.5 \\ date and dut $	$ \begin{array}{r} 93216 \\ 59348.07 \\ 0 \\ 57290.97 \\ 0 \\ \hline 130172122.1 \\ 60003078 \\ 57089970 \\ \hline 61.4 \\ \hline 61.4 \\ \hline 55.4 \\ \hline 54.9 \\ 23.3 \\ \hline ration of each \\ \end{array} $
	<u>N/A</u>		<u></u>	

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

<u>N/A</u>

8-1-7.R2

UNIT SHUTDOWN AND POWER REDUCTIONS REPORT MONTH MAY 1992

DOCKET NO.:	50-311
UNIT NAME:	Salem #2 .
DATE:	06/10/92
COMPLETED BY:	Mark Shedlock
TELEPHONE:	339-2122

NO.	DATE	TYPE1	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR	LICENSE EVENT REPORT #	SYSTEM CODE⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
0001	01/04/92	s	3026.23	с	4		RC	FUELXX	NUCLEAR NORMAL REFUELING
0002	05/08/92	s	10.77	С	4		RC	FUELXX	NUCLEAR NORMAL REFUELING
0003	05/14/92	S	15.67	С	4		RC	FUELXX	NUCLEAR NORMAL REFUELING
0004	05/09/92	s	130.07	C	4		RC	FUELXX	NUCLEAR NORMAL REFUELING
			· ·						
								-	
		1							·

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F: Forced

S: Scheduled

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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 RELA MONTH: - MA	ATED MAI AY 1992	INTENANCE	DOCKET NO: 50-311 UNIT NAME: SALEM 2 DATE: JUNE 10, 1992 COMPLETED BY: J. FEST TELEPHONE: (609)339-2904		
WO NO	UNIT	EQ	UIPMENT IDENTIFICATION		
891109085	2	VALVE 2NT34			
		FAILURE DESCRIPTION:	VALVE 2NT34 HAS A BODY TO BONNET LEAK - REPLACE GASKET		
920428130	2	#21 AUXILIARY FEEDWATER PUMP			
、		FAILURE DESCRIPTION:	INVESTIGATE THE OPERATION OF 21 AFWP DISCHARGE PRESSURE CONTROLS		
920514207	2	VALVE 23BF40			
		FAILURE DESCRIPTION:	OPEN AND INSPECT VALVE - REPAIR AS DIRECTED		
920515135	2	FEEDWATER CONTROLS VALVES 21-24 BF19 & 40			
		FAILURE DESCRIPTION:	INSPECT THE LINKAGES OF VALVE 21-24 BF19 & 40. REPAIR OR ADJUST AS NECESSARY		

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10CFR50.59 EVALUATIONS DOCKET NO: 50-311 MONTH: - MAY 1992 UNIT NAME: SALEM 2 JUNE 10, 1992 DATE: 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 Α. ΄ Design Change Packages (DCP) "Control Room Modifications" - This DCP was DCP# 2EC-3056 Pkq. 1 issued to implement the corrective actions required to resolve fourteen of the Human Engineering Discrepancies (HED) identified in the Salem Unit 2 Control Room. The HEDs were generated during the Detailed Control Room Design Review conducted in accordance with NRC NUREG-0700 requirements. A review of the Technical Specifications did not identify any setpoint, operational limit or design limit which is impacted by these modifications. There is no reduction to the margin of safety as defined in the basis for any Technical Specifications. (SORC 92-063) в. Safety Evaluations S/E WO 920417117 "Breaching a Penetration Seal" - Activities associated with the work order involve breaching a penetration seal (Penetration N-25511- 020) in a Unit 2 Auxiliary Building barrier for the purpose of routing a temporary commodity (that is, a welding lead), removing the temporary commodity, and restoring the penetration seal to its design basis configuration. There is no reduction in the margin of safety as defined in the basis for any Technical Specification. (SORC 92-061)

C. Temporary Modifications

TMR# SMD 92-035

"Installation and Use of a Skid Mounted Fire Pump" - This proposed modification involves the temporary installation and use of a skid mounted pump and diesel motor driver to exist as a secondary backup fire water system while both Salem Fire Water Pumps undergo maintenance repairs. Because this temporary pump serves only as a secondary backup to the Hope Creek

10CFR50.59 EVALUATIONS MONTH: - MAY 1992	DOCKET NO: 50-311 UNIT NAME: SALEM 2 DATE: JUNE 10, 1992 COMPLETED BY: J. FEST
	TELEPHONE: (609)339-2904
(cont'd)	
ITEM	SUMMARY
	Fire Water System, which is considered the primary backup, the proposal does not reduce the margin of safety as defined in the basis for any Technical Specification. (SORC 92-063)

SALEM GENERATING STATION MONTHLY OPERATING SUMMARY - UNIT 2 MAY 1992

SALEM UNIT NO. 2

The Unit began the period shutdown for repairs to a main feed regulating valve. On May 10, 1992, the Unit was returned to service, following completion of repairs and turbine overspeed testing. During the subsequent power escalation, power was held at 47% for nuclear instrumentation calibrations. On May 14, 1992, at 0010 hours, the Unit was taken off line due to steam generator chemistry conditions. The steam generator cleanup was completed and power was increased to 20% in preparation for placing the Unit in service. Later, the same day, at 1757 hours, a reactor trip occurred due to a low low level in #23 steam generator. The Unit was synchronized on May 20, 1992, and a power escalation commenced. On May 22, 1992, power was reduced from 88% to 50% to blowdown #22 steam generator feedpump suction strainer and adjust the pump governor controls. The Unit achieved 100% power on May 23, 1992, and, with the exception of a minor load reduction to repair a gland leak on #22 heater drain pump, continued to operate at full power until May 27, 1992. On May 27, 1992, the Unit experienced a low suction pressure trip of #22 steam generator feedwater pump, and power was reduced to 53% for single feedwater pump operation. Power was increased to 100% on May 29, 1992, but was reduced to 47% on May 30, 1992, in order to change oil in the steam generator feedwater pump oil reservoirs and to repair #21 condensate pump mechanical seal. The Unit continued to operate at 47% power throughout the remainder of the period.

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REFU MONJ	UELING INFORMATION TH: - MAY 1992 DATE: JUNE COMPLETED BY: J. FES TELEPHONE: (609)	L 2 LO, 1992 ST 339-2904
MONI	TH <u>MAY 1992</u>	
1.	Refueling information has changed from last month: YES NOX	
2.	Scheduled date for next refueling: <u>MARCH 27, 1993</u>	
3.	Scheduled date for restart following refueling: <u>MAY 21,</u>	1993
4.	a) Will Technical Specification changes or other license be required?: YES NO	amendments
	NOT DETERMINED TO DATE <u>x</u>	
	b) Has the reload fuel design been reviewed by the Static Review Committee?: YES NO	on Operating
	If no, when is it scheduled?: FEBRUARY 1993	3
5.	Scheduled date(s) for submitting proposed licensing action	1:
6.	Important licensing considerations associated with refuel	ing:
7.	Number of Fuel Assemblies:	
	a. Incore b. In Spent Fuel Storage	<u> 193</u> <u> 408</u>
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

8-1-7.R4