

Public Service Electric and Gas Company P.O. Box #168 Hancocks Bridge, New Jersey 08038

January 12, 1981

Director, Office of Inspection and Enforcement U.S. Nuclear Regulatory Commission Washington, DC 20555

Dear Sir:

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

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 December 1980 are being sent to you.

Average Daily Unit Power Level Operating Data Report Unit Shutdowns and Power Reductions Summary of Safety Related Maintenance Refueling Information

Sincerely yours,

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H. J. Midura Manager - Salem Generating Station

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cc: Mr. Boyce H. Grier Director of U.S. NRC Office of Inspection and Enforcement 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

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> The Energy People 8101210 455



AVERAGE DAILY UNIT POWER LEVEL

50-311
Salem No. 2
January 12, 1981
L.K. Miller
609-365-7000 Ext. 507

MONTH December 1980

1

DAY AVERAGE DAILY POWER LEVEL (MWe-NET) ·

DAY AVERAGE DAILY POWER LEVEL

(MWE-NET)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

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50-311
January 12, 1981
L.K. Miller
609-365-7000 Ext. 507

OPERATING STATUS

1.	Unit Name: Salem No. 2	Notes:
2.	Reporting Period: December 1980	
з.	Licensed Thermal Power (MWt): 3411	
4.	Nameplate Rating (Gross MWe): 1162	
5.	Design Electrical Rating (Net MWe):	
б.	Maximum Dependable Capacity (Gross MWe): 1149	
7.	Maximum Dependable Capacity (Net MWe): 1104	

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason:

9. Power Level To Which Restricted, If Any (Net MWe): _____5% Thermal

10. Reasons For Restrictions, If Any: _____ Pending Full Power Operating Liscense

		This Month	Year to Date	Cumulative	
• •	The second is a Deviced	744	6169	6169	
£⊥.a	Hours in Reporting Period				_
12.	Number Of Hours Reactor Was Critical	0	268.2	268.2	
13.	Reactor Reserve Shutdown Hours	0	0	0	
14.	Hours Generator On-Line	0	0	0	
15.	Unit Reserve Shutdown Hours	0	0	0	
16.	Gross Thermal Energy Generated (MWH)	0	0	0	
17.	Gross Electrical Energy Generated (MWH)	0	0	0	
18.	Net Electrical Energy Generated (MWH)	0	0	0	
19.	Unit Service Factor	0	0	0	
20.	Unit Availability Factor	0	0	0	
21.	Unit Capacity Factor (Using MDC Net)	· 0	0	0	
22.	Unit Capacity Factor (Using DER Net)	0	0	0	
23.	Unit Forced Outage Rate	0	0	0	
••					

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End of Report Period, Estimated Date of Startup: ____

26. Units In Test Status (Prior to Commercial Operation):

	• • •	Forecast	Achieved
	INITIAL CRITICALITY	6/30/80	8/2/80
·017 E2	INITIAL ELECTRICITY	9/01/80	N/A
Pg. 3 Of 9	COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-311 UNIT NAME: Salem #2 DATE: January 12, 1981 COMPLETED BY: L.K. Miller

REPORT MONTH December 1980

TELEPHONE: 609-365-7000 Ext. 507

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
								· · ·	N/A
				· .					
1 F: S:	Forced Scheduled		2 Reason: A-Equipmen B-Maintena C-Refuelin D-Regulate	t Failure(Ex nce or Test g	plain)	3 1- 2- 3-	Method: -Manual -Manual	Scram.	4 5 Exhibit G - Instructions Exhibit 1-Same for Preparation of Data Source Entry Sheets for Licensee Event Report (LER) File (NURE-0161)

Previous Outage

5-Load Reduction

9-0ther

E-Operator Training & License Examination 4-Continuation of

F-Administrative

H-Other (Explain)

G-Operational Error (Explain)

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SALEM GENER STATION SAFETY RELATED EQUIPMENT WORK ORDER LOG UNIT 2

WORK ORDER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
911997	MD	Vent Duct	Description Of Problem - Seal hole around vent duct from Unit 2 A/C Room to Unit 2 Control Room.
			Corrective Action Taken - Filled hole with cera blanket, then filled remaining hole with simkit.
912334	MD	Flux Mapping	Description Of Problem - Reinstall flux thimbles into reactor.
			Corrective Action Taken - Reinstalled flux thimbles.
929516	MD	Valve, 23MS167	Description Of Problem - Valve will not indicate open.
			Corrective Action Taken - Repacked valve.
934081	MD	Valve, 22RH19	Description Of Problem - Closing coil does not close.
			Corrective Action Taken - Replaced 3 relays.
934082	MD	Valve, 21SJ40	Description Of Problem - 230V ACB trips during valve operation.
			Corrective Action Taken - Readjusted breaker at 1A east vital 230V control center.
934155	MD	2F 4KV Bus	Description Of Problem - Underfrequency alarm is on.
			Corrective Action Taken - Repaired alarm.
937123	MD	22 Fan Coil Unit	Description Of Problem - Outboard fan bearing temperature 200°F tripped unit.
			Corrective Action Taken - Put new grease in both bearing housings.
939261	MD	2 Reactor Sump Pump	Description of Problem - Pump failed to shutdown.
			Corrective Action Taken - Cleaned contacts.
944715	MD	2A Emergency Diesel	Description Of Problem - Failure alarm is annunciated.
			Corrective Action Taken - Rewired switch TD7332.
945350	MD	25 Service Water Screen	Description Of Problem - Reduction gear needs a plug.
			Corrective Action Taken - Installed plug.

2 C 🕒 .			
NORK ORDER NUMBER 945388	DEPT MD	EQUIPMENT IDENTIFICATION 25 Service Water Strainer	EXPLANATION OF WORK PERFORMED
			Corrective Action Taken - Flushed and added oil.
945400	MD	Pressurizer Relief Tank	Description Of Problem - Repair ruptured disc.
			Corrective Action Taken - Installed new disc and gasket.
945964	MD	2C Safeguard Emergency Cabinet	Description of Problem - Loss of voltage alarm, local trouble alarm will not clear.
			Corrective Action Taken - Replaced card in Slot 44.
946097	MD	Transient Data Recorder	Description of Problem - Auto reverse micro switch inoperable.
			Corrective Action Taken - Replaced stop screw.
911698	PD	Air Particular Detector	Description of Problem - Flow reading below spec's.
			Corrective Action Taken - Replaced filter paper.
928455	PD .	Instru, 2R41A	Description Of Problem - Investigate comm l errors.
			Corrective Action Taken - Replaced 866I module with new one.
928464	PD	Instru, NR46	Description Of Problem - Pen does not respond.
			Corrective Action Taken - Overhauled recorder.
928465	PD	Instru, 2R41B	Description Of Problem - Investigate comm l errors.
			Corrective Action Taken - Repaired 8661 module.
928481	PD	Instru, 2R12B	Description Of Problem - Analyzer module upper window is .629 volts.
			Corrective Action Taken - Adjusted upper and lower windows.
928482	PD	Instru, 2N31-35, 2N32-36	Description Of Problem - Perform electrical test for comparison with Unit No. 1 valves.
			Corrective Action Taken - Rebuilt connectors at SR pre-amp.
928562	PD	Instru, 2R12B	Description Of Problem - No scan to compute.
			Corrective Action Taken - Reprogrammed and changed module.

· •			
WORK ORDER			EVELANAMION OF MORE DEPENDED
932637	PD	Instru, 2R11A	Description Of Problem - Investigate comm 1 errors to computer.
-			Corrective Action Taken - Replaced buffer and opto-couplers on receiver portion of comm loop.
923653	PD	Instru, 2R12B	Description Of Problem - Analyzer module upper window out of spec.
			Corrective Action Taken - Reset upper and lower window.
932658	PD	Instru, 2PT536	Description Of Problem - 2BS536A resetting out of spec.
			Corrective Action Taken - Replaced defective comparator.
933972	PD	Valve, 22AF21	Description Of Problem - Exceeds stroke time.
			Corrective Action Taken - Stroked valve and calibrated.
934074	PD	Valve, 2NT35	Description Of Problem - Console valve position indication erratic.
			Corrective Action Taken - Replaced meter movement.
934075	PD	21 Accumulator Pressure	Description Of Problem - Failed center scale.
			Corrective Action Taken - Calibrated indicator, cleaned contacts.
934080	PD	Valve, 23AF11	Description Of Problem - Does not make up open limit switch.
			Corrective Action Taken - Adjusted limit switch.
934091	PD	Valve, 21AF11	Description Of Problem - Exceeds required stroke time.
		·	Corrective Action Taken - Stroked valve and adjusted positioner.
934092	PD	Valve, 22AFll	Description Of Problem - Exceeds stroke time.
		·	Corrective Action Taken - Stroked valve and adjusted positioner.
934147	PD	Audio Count Rate Drawer	Description Of Problem - Remove from Unit 2 and install in Unit 1.
			Corrective Action Taken - Moved audio count rate channel from Unit 2 to Unit 1.
934271	PD	Instru, N41 Power Range	Description Of Problem - Drawer found out of spec.
		Drawer	Corrective Action Taken - Adjusted NM301 NM302 NM306 NM307 Adjusted ion
			current gain for B detector.

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WORK ORDER NUMBER 934277	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
554277	10	113614, 211510	Corrective Action Taken - Calibrated output.
934350	PD	Instru, RMS System	Description Of Problem - Reboot computer and reset failed channels.
			Corrective Action Taken - Reinitialized computer.
937078	PD	Boron Inj. Tank Flow	Description Of Problem - Flow meter is stuck at 5 gpm.
			Corrective Action Taken - Valve was red tagged, flow went to normal.
937166	PD	Valve, 2CV172	Description Of Problem - Doesn't make either limit switch.
			Corrective Action Taken - Repositioned actuator.
937167	PD	Valve, 21MS18	Description Of Problem - Doesn't have any open indication.
			Corrective Action Taken - Tightened loose bolts around actuator.
987192	PD	Valve, 2SJ18	Description Of Problem - Repair air supply bleedoff.
044966			Describer of a line and a state of the state
944000	PD	Instru, 2R41A	Description Of Problem - Filter tear alarm. Corrective Action Taken - Changed paper tape.

REFUELING INFORMATION

DOCKET NO .:	50-311
UNIT:	Salem #2
DATE:	<u>January 12, 19</u> 81
COMPLETED BY:	L.K. Miller
TELEPHONE:	609-365-7000
	Ext. 507

MONTH: December 1980

MON		
1.	Refueling information has changed from last month:	
	YES NO X	
2.	Scheduled date of next refueling: March 20, 1982	
3.	Scheduled date for restart following refueling: June 13, 1982	
4.	A. Will Technical Specification changes or other license	
	amendments be required? YES NO	
	NOT DETERMINED TO-DATE December 1980	
	B. Has the reload fuel design been reviewed by the Station Operating	
	Review Committee? YES NO X	
	If no, when is it scheduled? March 1982	
5. Scheduled date(s) for submitting proposed licensing action:		
	March 1982 (If Required)	
6.	Important licensing considerations associated with refueling:	
	·	
7.	Number of Fuel Assemblies:	
	A. In-Core . 193	
	B. In Spent Fuel Storage 00	
8.	Present licensed spent fuel storage capacity:1,170	
	Future spent fuel storage capacity: 1,170	
9.	Date of last refueling that can be discharged to the spent fuel	
	pool assuming the present licensed capacity: Discharge March 1999	

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