

AVERAGE DAILY UNIT POWER LEVEL

Completed by L. K. Miller

Docket No. 50-272
 Unit Name Salem # 1
 Date Dec. 10, 1982
 Telephone 609-935-6000
 Extension 4455

Month November 1982

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>

Day Average Daily Power Level
 (MWe-NET)

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>

OPERATING DATA REPORT

Docket No. 50-272
 Date Dec. 10, 1982
 Telephone 935-6000
 Extension 4455

Completed by L. K. Miller

Operating Status

1. Unit Name	Salem No. 1	Notes	
2. Reporting Period	November 1982		
3. Licensed Thermal Power (MWt)	3338		
4. Nameplate Rating (Gross MWe)	1135		
5. Design Electrical Rating (Net MWe)	1090		
6. Maximum Dependable Capacity (Gross MWe)	1124		
7. Maximum Dependable Capacity (Net MWe)	1079		
8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason			
9. Power Level to Which Restricted, if any (Net MWe)	None		
10. Reasons for Restrictions, if any	N/A		
	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	720	8016	47521
12. No. of Hrs. Reactor was Critical	0	4285	27725.2
13. Reactor Reserve Shutdown Hrs.	0	32	973.1
14. Hours Generator On-Line	0	4194.4	26647.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	13075848	79170191
17. Gross Elec. Energy Generated (MWH)	0	4310470	25964850
18. Net Elec. Energy Generated (MWH)	(2537)	4097593	24597715
19. Unit Service Factor	0	52.3	56.1
20. Unit Availability Factor	0	52.3	56.1
21. Unit Capacity Factor (using MDC Net)	0	47.4	48.0
22. Unit Capacity Factor (using DER Net)	0	46.9	47.5
23. Unit Forced Outage Rate	0	2.8	27.9
24. Shutdowns scheduled over next 6 months (type, date and duration of each)			

N/A

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

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

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	9/30/76	12/11/76
Initial Electricity	11/1/76	12/25/76
Commercial Operation	12/20/76	6/30/77

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH November 1982

Docket No. 50-272
Unit Name Salem No.1
Date Dec. 10, 1982
Telephone 609-935-6000
Extension 4455

Completed by L.K. Miller

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
82-536	10/15	S	1105.3	C	4	---	HA	GENERA	Generator Major Overhaul
82-536	10/15	S	1105.3	C	4	---	HC	HT EXCH	Condenser Major Overhaul
82-536	10/15	S	1105.3	C	4	---	HA	TURBIN	Turbine Major Overhaul
82-536	10/15	S	1105.3	C	4	---	RC	VESSEL	Nuclear Normal Refueling

1
F: Forced
S: Scheduled

2 Reason
A-Equipment Failure-explain
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & Licensing Exam
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 Prepara-
tion of Date
Entry Sheets
for Licensee
Event Report
(LER) File
(NUREG 0161)

5 Exhibit 1
Salem as
Source

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0001

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
200001	M	SNURBERS, S/G HYDRAULIC	
		DESCRIPTION OF PROBLEM,	FOUR S/G SNURBERS FOUND OOS ON BLEED TEST REQUIRED BY T/S. REMAINING 12 1000 KIP SNURBERS WERE TESTED AND ALSO FAILED. A21104 IR A2-379 LEW A2-081
		CORRECTIVE ACTION,	PISTON SEALS WERE REPLACED.
901621	M	RC PUMPS	
		DESCRIPTION OF PROBLEM,	AS PER WESTINGHOUSE BULLITON NOS TR-81-81 VISUALLY INSPECT MAIN FLANGE BOLTS ON EACH RC PUMP. A20722
		CORRECTIVE ACTION,	INSPECTED ALL MAIN FLANGE BOLTS AFTER CLEANING. SAT. A21122
901929	M	PUMP, 1 RX SUMP	
		DESCRIPTION OF PROBLEM,	DHA SUMP OVERFLOW ALARM RECIEVED BUT NO SUMP PUMP RAN
		CORRECTIVE ACTION,	INSTALLED NEW DEVICE LD 7751. A21111
902293	M	S/G#12	
		DESCRIPTION OF PROBLEM,	CONDUCT SECONDARY SIDE INSPECTION. A20320
		CORRECTIVE ACTION,	PERFORMED HIT ON J NOZZLES. FOUND ALL TO BE 200/1000 PLUS/MINUS 5 MILS. A21105
902308	M	VALVE, 11AF11	

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0002

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		DESCRIPTION OF PROBLEM,	INSPECT INTERNALS, REWORK/REPLACE AS NECESSARY. 820324
		CORRECTIVE ACTION,	LAPPED SEAT AND PLUG, REPACKED AND REPLACE GASKETS. 821025
902310	M	VALVE, 13AF11	
		DESCRIPTION OF PROBLEM,	INSPECT INTERNALS, REWORK/REPLACE AS NECESSARY. 820323
		CORRECTIVE ACTION,	RELAPPED PLUG AND CAGE, INSTALLED NEW GASKETS, PACKING AND RING. 821027
902312	M	VALVE, 11AF21	
		DESCRIPTION OF PROBLEM,	INSPECT INTERNALS, REWORK/REPLACE AS NECESSARY. 820323
		CORRECTIVE ACTION,	REPLACED CAGE AND GASKETS, SKIM CUT PLUG AND REPACKED. 821025
902313	M	VALVE, 12AF21	
		DESCRIPTION OF PROBLEM,	INSPECT INTERNALS AND REWORK/REPLACE AS NECESSARY. 820323
		CORRECTIVE ACTION,	REPLACED CAGE AND GASKETS, REPACKED. 821025
902950	M	CONT AIR LOCK, EL 100	
		DESCRIPTION OF PROBLEM,	INNER DOOR SEAL LEAK ABOUT 50. 820724 IR 82-192 LER 82-048

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0003

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	INSTALLED NEW GASKET. 820724
904886	M	FUEL TRANSFER SYS	
		DESCRIPTION OF PROBLEM,	HAVE DIVERS REPLACE LIMIT SWITCHES ON REACTOR SIDE. 820804
		CORRECTIVE ACTION,	REPLACED AND ADJUSTED LIMIT SWITCHES. 821103
904910	M	PUMP, 11 SI	
		DESCRIPTION OF PROBLEM,	PERFORM EDDY CURRENT TEST ON PUMP LUBE OIL COOLER. 820806
		CORRECTIVE ACTION,	REPLACED COOLER. 821109
904911	M	PUMP, 12 SI	
		DESCRIPTION OF PROBLEM,	PERFORM EDDY CURRENT TEST ON PUMP LUBE OIL COOLER. 820806
		CORRECTIVE ACTION,	REPLACED COOLER. 821110
904929	M	HT EXCHANGER, 11 COMP COOL	
		DESCRIPTION OF PROBLEM,	PERFORM EDDY CURRENT TESTING. 820806
		CORRECTIVE ACTION,	PLUGGED 105 TUBES AS PER TEST RESULTS. 821108
905112	M	VALVE, 11GR4	
		DESCRIPTION OF PROBLEM,	BODY-BONNET LEAK. 820625
		CORRECTIVE ACTION,	REPLACED VALVE STEM AND SEAT. 821116

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0000

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
906611	M	VALVE, 12CV157	
		DESCRIPTION OF PROBLEM,	REPLACE DIAPHRAM. 820920
		CORRECTIVE ACTION,	REPLACED VALVE BONNET AND DIAPHRAM. 820924
906621	M	FAN, AUX BLDG EXHAUST	
		DESCRIPTION OF PROBLEM,	DRIVE BELTS ARE LOOSE AND FLAPPING IN THEIR HOUSING. 820923
		CORRECTIVE ACTION,	REPLACED BELTS. 820928
906646	M	PUMP, 12 BAT	
		DESCRIPTION OF PROBLEM,	PUMP CASING APPEARS TO BE LEAKING. 820922 IR 82-295
		CORRECTIVE ACTION,	INSTALLED NEW CASING GASKET, REALIGNED COUPLINGS. 820923
906667	M	PUMP, 12 BAT	
		DESCRIPTION OF PROBLEM,	PUMP HAS PACKING LEAK. 820928 IR 82-311
		CORRECTIVE ACTION,	TIGHTENED SEAL HOUSING. 820930
906711	M	PUMP, #2 FIRE	
		DESCRIPTION OF PROBLEM,	AUTO START @ 70,60830 PSIG. SUSPECT BAD MERCURIO SWITCH. 820930 IR 82-324 LER 82-76
		CORRECTIVE ACTION,	EXCERSTED MERCURIO SWITCH. 820930
907281	M	VALVE, 12CV161	
		DESCRIPTION OF PROBLEM,	NO FLOW FROM HIT TO 12 BAST. SUSPECT BAD DIAPHRAM ON 12CV161 OR CLOGGED LINE. 820912

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0005

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
908840	M	PUMP, 12 RC	CORRECTIVE ACTION, REPLACED BONNET AND GASKET. R20913
			DESCRIPTION OF PROBLEM, REMOVE UPPER RCP MOTOR LUBE OIL COOLER END BELL AND INSPECT FOR SLUDGE, MUD, SAND OR OTHER DEPOSITS. R20930
			CORRECTIVE ACTION, FOUND NO DEBRIS. FOUND TO BE VERY CLEAN. R21109
917330	M	VALVE, 12SW20	DESCRIPTION OF PROBLEM, VALVE WILL NOT MAKE THE OPEN LIMIT. CONTACTOR APPEARS TO BE OVERHEATING. R21016
			CORRECTIVE ACTION, VALVE OP MOTOR GROUNDED. REPLACED OPERATOR AM-ND TESTED. R21108
917363	M	PUMP, 11 CHARGING	DESCRIPTION OF PROBLEM, STOP LIGHT ON REFEL KEEPS FLASHING AND WON'T ACKNOWLEDGE. R21026
			OPERATE MODE. REPLACED RELAY. R21026
917436	M	PUMP, 11 BAT	DESCRIPTION OF PROBLEM, PUMP FAILED 405-P LOW FLOW. R21024
			CORRECTIVE ACTION, PUMP WAS RESET FROM .012 TO .010. R21101
917461	M	BREAKER, PZR HTR 12 R/U	DESCRIPTION OF PROBLEM, INFEED BKR 1EPX KEEPS TRIPPING. R21014

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0006

WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	REPLACED RELAY IN RC 15-3-9-1. REPLACED K1600 STATIONARY AND MOVING CONTACTS AND CONTROL DEVICE RELAY ON BREAKER. LUBRICATED BREAKER. #21022
904435	P	VALVE, 12MS10	
		DESCRIPTION OF PROBLEM,	CONTROL ERRATIC. #20916
		CORRECTIVE ACTION,	REPLACED AUTO/MANUAL STATION S/N 119 WITH S/N 112. #20916
904446	P	SERVO SETPOINT STATIONS	
		DESCRIPTION OF PROBLEM,	INSPECT CONNECTING CABLES ON 1HC-640, 1HC-670, & 1HC-638 FOR CABLE DAMAGE. #20914
		CORRECTIVE ACTION,	FOUND WIRE HARNESS BRITTLE AND DECOMPOSING AS ON WO#490111. #20917
904447	P	INSTRU, PZR PRESS CONTROL	
		DESCRIPTION OF PROBLEM,	CONTROL SHIFTS TO MANUAL. #20914 IR 82-283 LER 82-070
		CORRECTIVE ACTION,	REPLACED MAN/AUTO STA 1HC-455C S/N 116 WITH S/N 20145 AND SET P-REF SET POINT. #20916
906648	P	VALVE, 13SW24	
		DESCRIPTION OF PROBLEM,	VALVE HAS AIR LEAK. #20921 IR 82-299

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0007

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	VALVE CASING LEAKS. REMOVED AIR SUPPLY AND FAILED VALVE OPEN. WAITING FOR PARTS. WILL COMPLETE ON WO#987299. 820922
906651	P	VALVE, 12GR10	
		DESCRIPTION OF PROBLEM,	VALVE OPENS BUT CLOSED LIMIT REMAINS ENERGIZED. 820920
		CORRECTIVE ACTION,	REPLACED AIR SUPPLY REGULATOR AT CONTROL VALVE. 820924
906676	P	VALVE, 12SW24	
		DESCRIPTION OF PROBLEM,	CONTROL AIR SOLENOID CONSTANTLY VENTS TO ATMOSPHERE. 821002 IR 82-328
		CORRECTIVE ACTION,	REPAIRED SOLENOID VALVE. 821004
907291	P	12 ACCUM PRESSURE	
		DESCRIPTION OF PROBLEM,	CHANNEL B IN ALARM WITH PRESSURE AT 620 PSI. 820916
		CORRECTIVE ACTION,	REPLACED DEFECTIVE COMPARATOR S/N 60185 WITH S/N 60232. SET UP ALARM TRIP POINTS. 820917
907293	P	INDICATION, PZR SURGE LINE TEMP	
		DESCRIPTION OF PROBLEM,	INDICATOR FAILED HIGH. 820919
		CORRECTIVE ACTION,	REPLACED THERMOCOUPLE. 821028

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

006A

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
907384	P	CONT FAN COIL UNIT, 11	
		DESCRIPTION OF PROBLEM,	CONSOLE REZEL INDICATES NO SERVICE WATER FLOW IN EITHER HT OR LOW SPEED, HOWEVER WE CAN HEAR FLOW WHEN UNIT IN SERVICE. 820912 IR 82-273 LER 82-067
		CORRECTIVE ACTION,	TERMINAL SCREW ON TRANSMITTER BROKEN. REPLACED SCREW AND RELOADED LEAD. IND CHECKED SAT. 820913
919741	P	P7R PRESSURE	
		DESCRIPTION OF PROBLEM,	1PT-455 OUT OF CAL. 821027 IR 82-396
		CORRECTIVE ACTION,	RECALIBRATED SENSOR. 821027
919742	P	P7R PRESSURE	
		DESCRIPTION OF PROBLEM,	1PT-456 OUT OF CAL. 821027 IR 82-397
		CORRECTIVE ACTION,	RECALIBRATED SENSOR. 821027
919868	P	P7R LEVEL CH3	
		DESCRIPTION OF PROBLEM,	REPLACE TRANSMITTER 1LT-461 AND CALIBRATE. 821117
		CORRECTIVE ACTION,	REPLACED LEVEL TRANSMITTER AND CALIBRATED. OLD S/N 338082 NEW S/N 364859. 821117
985773	P	VALVE, 1PR17	
		DESCRIPTION OF PROBLEM,	RESTROKE AND SET LIMIT SWITCHES TO SUPPORT TYPE C LEAK RATE TEST. 821101

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0009

WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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CORRECTIVE ACTION,

CHECKED STROKE AND SET LIMIT SWITCHES.
FOUND VALVE LIFT OFF AT 11.5 PSI, NOT 9 PSI
AS DESIRED. 821102

990111	P	VALVE, 12MS10	
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DESCRIPTION OF PROBLEM,

SP SPIKING. 820617

CORRECTIVE ACTION,

REPLACED DEFECTIVE WIRING HARNESS ON
1HC-526B SERVO DRIVEN SETPOINT STATION.
820917. SEE WD#904446

TOTAL LINES = 00017A
TOTAL A-RECS = 000039

LAST UPDATE
821202
203524
ENTER COMMANDS
END OF RUN

RRKPT PRINTS

REFUELING INFORMATION

Completed by L. K. Miller

Docket No. 50-272
Unit Name Salem #1
Date Dec. 10, 1982
Telephone 609-935-6000
Extension 4455

Month November 1982

1. Refueling information has changed from last month:
YES X NO
2. Scheduled date of next refueling: December 31, 1983
3. Scheduled date for restart following refueling: March 11, 1984
4. A. Will Technical Specification changes or other license amendments be required?
YES NO
NOT DETERMINED TO DATE 12/01/82
B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES NO X
If no, when is it scheduled? December 1983
5. Scheduled date(s) for submitting proposed licensing action:
December 1983, if required
6. Important licensing considerations associated with refueling:
NONE
7. Number of Fuel Assemblies:
A. Incore 193
B. In Spent Fuel Storage 212
8. Present licensed spent fuel storage capacity: 1170
Future spent fuel storage capacity: 1170
9. Date of last refueling that can be discharged to spent fuel pool assuming the present licensed capacity: September 1996

8-1-7.R4