

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272
 UNIT Salem #1
 DATE September 10, 1981
 COMPLETED BY L.K. Miller
 TELEPHONE 609-365-7000 X507

MONTH August 1981

DAY AVERAGE DAILY POWER LEVEL
 (MWe-NET)

1	1031
2	957
3	974
4	945
5	830
6	964
7	959
8	885
9	844
10	572
11	528
12	996
13	988
14	983
15	993
16	1018

DAY AVERAGE DAILY POWER LEVEL
 (MWe-NET)

17	1013
18	927
19	653
20	985
21	986
22	984
23	995
24	970
25	1013
26	992
27	995
28	981
29	991
30	964
31	958

OPERATING DATA REPORT

DOCKET NO.: 50-272

DATE: September 10, 1981

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TELEPHONE: 609-365-7000 X507

OPERATING STATUS

1. Unit Name: Salem #1
2. Reporting Period: August 1981
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 Number 3 Through 7) Since Last Report, Give Reason:
N/A

Notes:

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: N/A

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	744	5,831	36,576
12. Number Of Hours Reactor Was Critical	733.2	4,199.9	20,628.9
13. Reactor Reserve Shutdown Hours	0.0	868.4	891.1
14. Hours Generator On-Line	730.2	4,073.8	19,683.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,220,442	12,520,099	58,427,326.8
17. Gross Electrical Energy Generated (MWH)	726,830	4,080,088	19,233,800
18. Net Electrical Energy Generated (MWH)	694,192	3,890,016	18,198,831
19. Unit Service Factor	98.5	69.9	57.8
20. Unit Availability Factor	98.5	69.9	53.8
21. Unit Capacity Factor (Using MDC Net)	86.5	61.8	46.1
22. Unit Capacity Factor (Using DER Net)	85.6	61.2	45.6
23. Unit Forced Outage Rate	1.9	28.7	33.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling, 10/31/81, 8 Weeks</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	09/30/76	12/11/76
INITIAL ELECTRICITY	11/01/76	12/25/76
COMMERCIAL OPERATION	12/20/76	06/30/77

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1981DOCKET NO.: 50-272UNIT NAME: Salem #1DATE: September 10, 1981COMPLETED BY: L.K. MillerTELEPHONE: 609-365-7000 X507

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
81-101	6/23/81	F	0.0	A	5	- - -	HA	TURBIN	Turbine Limitations
81-177	8/1/81	F	0.0	A	5	- - -	HF	HTEXCH	Clean #13A Condenser
81-179	8/1/81	F	0.0	A	5	- - -	HH	FILTER	Clean #12 Heater Drain Pump Suction Strainer
31-181	8/3/81	F	0.0	A	5	- - -	H	FILTER	Inspect #12B Traveling Screen
81-183	8/4/81	F	0.0	A	5	- - -	HH	FILTER	Clean #12 Heater Drain Pump Suction Strainer
81-185	8/5/81	F	0.0	A	5	- - -	HH	FILTER	Clean #12 Heater Drain Pump Suction Strainer
81-187	8/6/81	F	0.0	A	5	- - -	HH	FILTER	Clean #12 Heater Drain Pump Suction Strainer
81-189	8/6/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #11B Circ Traveling Screen

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure(Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory 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 I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

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81-191	8/7/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #13A Circ Traveling Screen
81-193	8/7/81	F	0.0	A	5	- - -	HH	FILTER	Clean #11 Heater Drain Pump Suction Strainer
81-195	8/8/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #13B Circ Traveling Screen
81-197	8/8/81	F	0.0	A	5	- - -	HH	FILTER	Clean #11 Heater Drain Pump Suction Strainer
81-199	8/8/81	F	0.0	A	5	- - -	HH	FILTER	Clean Condensate Pump Suction Strainers
81-201	8/9/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #11B Circ Traveling Screen
81-203	8/9/81	F	0.0	A	5	- - -	HJ	ZZZZZZ	Repair Steam Leak On MSR Drain Tank
81-204	8/10/81	F	13.8	A	3	- - -	HH	PUMPXX	#11 Steam Generator Feed Pump Trip
81-205	8/12/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #12B Circ Traveling Screen
81-207	8/13/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #13A Circ Traveling Screen
81-209	8/14/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #13B Circ Traveling Screen
81-211	8/15/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #11A Circ Traveling Screen
81-213	8/15/81	F	0.0	A	5	- - -	HH	PUMPXX	Vibration On #13 Heater drain Pump

UNIT SHUTDOWNS AND POWER REDUCTIONS

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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
81-215	8/15/81	F	0.0	A	5	- - -	HH	PUMPXX	Main Feed Pump Suction Oscillation
81-217	8/16/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #11B Circ Traveling Screen
81-219	8/16/81	F	0.0	A	5	- - -	HH	PUMPXX	Main Feed Pump Suction Oscillation
81-221	8/17/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #13A Circ Traveling Screen
81-223	8/19/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #12A Circ Traveling Screen
81-225	8/19/81	F	0.0	A	5	- - -	EG	BLOWER	Repair Main Bus Cooling Fan
81-227	8/19/81	F	0.0	A	5	- - -	EG	BLOWER	Repair Main Bus Cooling Fan
81-229	8/21/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #12B Circ Traveling Screen
81-231	8/22/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #13A Circ Traveling Screen
81-233	8/22/81	F	0.0	A	5	- - -	HA	TURBIN	Turbine Limitations
81-235	8/23/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #11B Circ Traveling Screen
81-237	8/24/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #11A Circ Traveling Screen
81-239	8/24/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #12A Circ Traveling Screen
81-241	8/26/81	F	0.0	A	5	- - -	HF	FILTER	Inspect #12B Circ Traveling Screen
81-243	8/26/81	F	0.0	A	5	- - -	HF	FILTER	Repair #13B Circ Traveling Screen

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-272

UNIT NAME: Salem #1

REPORT MONTH: August 1981

DATE: September 10, 1981

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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
81-245	8/27/81	F	0.0	A	5	--	HF	FILTER	Inspect #13A Circ Travelling Screen
81-247	8/29/81	F	0.0	A	5	--	HF	FILTER	Repair Broken Sprocket On #13B Circ Travelling Screen
81-249	8/30/81	F	0.0	A	5	--	HF	HTEXCH	Loss Of Condenser Vacuum
81-251	8/31/81	F	0.0	A	5	--	HF	FILTER	Repair Broken Sprocket On #13B Circ Travelling Screen

MAJOR PLANT MODIFICATIONS
REPORT MONTH August 1981

DOCKET NO: 50-272
UNIT NAME: Salem 1
DATE: September 10, 1981
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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-0980	Condensate Polisher	Install Ladders
1EC-1126	Main Turbine	Reduce Overspeed Trip Setting
1EC-1230	Main Steam	Add Time Delay Circuit to MS167's
1EC-1266	LP Turbine	Repairs to LP Turbine

MAJOR PLANT MODIFICATIONS

REPORT MONTH August 1981

DOCKET NO.: 50-272

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*DCR NO.	10CFR50.59 SAFETY EVALUATION
IEC-0980	Installation of steel ladders and platforms for observation of regeneration vessel sight glasses. Not safety related.
IEC-1126	The resetting of the overspeed trip mechanism to 103% of rated speed does not alter the original design concept. The revised setpoint does not change the technical specification or the SAR.
IEC-1230	The design change will modify the system circuitry to meet the original functional design.
IEC-1266	The removal of the stationary and rotating low pressure turbine blading and the installation of three (3) baffle plates does not alter the original design concept of the turbine-generator unit, however unit efficiency will be reduced.

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

906063 M 14 SERVICE WATER STRNR

DESCRIPTION OF PROBLEM, INSPECT AND REPAIR
CORRECTIVE ACTION, OVERHAULED STRAINER

909857 M CASK HANDLING CRANE

DESCRIPTION OF PROBLEM, CABLE ON AUX HOIST IS CRUSHED AND CUT AT
SEVERAL LOCATIONS
CORRECTIVE ACTION, REPLACED CABLE AND LOAD TESTED CRANE

931882 M FLUX MAP SYSTEM

DESCRIPTION OF PROBLEM, SYSTEM IS FLOODED, CLEAN AND DRY ENTIRE
SYSTEM
CORRECTIVE ACTION, CLEANED

937276 M LETDOWN HEAT EXCHANGER PIPING

DESCRIPTION OF PROBLEM, REPAIR LEAKING FLANGE
CORRECTIVE ACTION, TIGHTENED ALL FLANGES AND PACKING

937522 M 12 SERVICE WATER PUMP STRNR

DESCRIPTION OF PROBLEM, HANDHOLE HAS BLOWN GASKET
CORRECTIVE ACTION, FABRICATED NEW GASKET

937850 M 123W127, VALVE

DESCRIPTION OF PROBLEM, VALVE WILL NOT OPERATE
CORRECTIVE ACTION, CUT BACK DAMAGED INTERNAL FLOW TUBES

937905 M FUEL HANDLING BLDG EXH FLTR

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3 SORTED BY
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0002

5
6 WORK
7 ORDER
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9
10 DESCRIPTION OF PROBLEM, HIGH DELTA PRESSURE

11
12 CORRECTIVE ACTION, REPLACED ROUGHING FILTER

13
14 937919 M CONTROL VOLUME CHARGING SYSTEM

15
16 DESCRIPTION OF PROBLEM, SEAL WATER FILTER DELTA PRESSURE HAS A
17 LEAK

18
19 CORRECTIVE ACTION, TIGHTENED AIR CONNECTIONS

20
21 939651 M BORIC ACID FILTER

22
23 DESCRIPTION OF PROBLEM, UNPLUG PRESSURE GAUGES

24
25 CORRECTIVE ACTION, REMOVED GAUGES AND CLEANED OUT BORIC ACID
26 BUILD UP

27
28 940825 M 16 SERVICE WATER STRNR

29
30 DESCRIPTION OF PROBLEM, HIGH DIFFERENTIAL

31
32 CORRECTIVE ACTION, INSTALLED CLEAN STRAINERS

33
34 941315 M 11 FAN COIL UNIT

35
36 DESCRIPTION OF PROBLEM, REPAIR LEAKS IN COILS

37
38 CORRECTIVE ACTION, BLANKED LEAKY COIL

39
40 941518 M 13 SERVICE WATER STRNR

41
42 DESCRIPTION OF PROBLEM, PACKING LEAKS

43
44 CORRECTIVE ACTION, REPACKED STRAINER

45
46 941618 M 11 SERVICE WTR PMP STRNR

47
48 DESCRIPTION OF PROBLEM, HIGH DELTA PRESSURE ACROSS STRAINER

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0003

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	CLEANED STRAINER
941684	M	1C DIESEL STARTING AIR	
		DESCRIPTION OF PROBLEM,	MOISTURE TRAPS ON AFTERCOOLER OUTLET BLOWING THRU
		CORRECTIVE ACTION,	CLEANED TRAPS
941696	M	16 SERVICE WATER STRAINER	
		DESCRIPTION OF PROBLEM,	STRAINER HAS HIGH DIFFERENTIAL PRESSURE
		CORRECTIVE ACTION,	CLEANED AND REPLACED STRAINERS
942040	M	12 SERVICE WATER STRAINER	
		DESCRIPTION OF PROBLEM,	PACKING LEAK
		CORRECTIVE ACTION,	REPACKED STRAINER
942041	M	13 SERVICE WATER STRNR	
		DESCRIPTION OF PROBLEM,	PACKING LEAK
		CORRECTIVE ACTION,	REPACKED STRAINER
942409	M	SPARE FAN COIL COOLERS	
		DESCRIPTION OF PROBLEM,	WELD FLANGE ON SPARE COOLER
		CORRECTIVE ACTION,	WELDED TOP AND BOTTOM SLIP FLANGES
943210	M	12 SERVICE WATER PMP STRNR	
		DESCRIPTION OF PROBLEM,	HANDHOLES LEAK
		CORRECTIVE ACTION,	PUT NEW GASKETS ON HANDHOLES
943217	M	13 CHARGING PUMP	

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0004

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	DESCRIPTION OF PROBLEM,	EXPLANATION OF WORK PERFORMED
			CORRECTIVE ACTION,	WELD CRACK ON GAUGE SIDE OF 1CV256
943269	M	12 SERVICE WATER PMP STRNR	DESCRIPTION OF PROBLEM,	REPLACED REDUCING INSERT AND WELDED BOTH SIDES
			CORRECTIVE ACTION,	
			DESCRIPTION OF PROBLEM,	REPAIR PACKING LEAK
			CORRECTIVE ACTION,	REPACKED STRAINER
943270	M	100 ELEV AIRLOCK	DESCRIPTION OF PROBLEM,	INTERIOR DOOR FAILS SEAL CHECK
			CORRECTIVE ACTION,	TAPPED FLOW METER
944578	M	PIPING SUPPORT	DESCRIPTION OF PROBLEM,	MISSING NUTS AND WASHERS
			CORRECTIVE ACTION,	REPLACED MISSING NUTS AND WASHERS
944684	M	12MS171, VALVE	DESCRIPTION OF PROBLEM,	VALVE LEAKS PAST SEAT
			CORRECTIVE ACTION,	LAPPED VALVE SEAT
945646	M	12 COMPONENT COOLING PMP PM	DESCRIPTION OF PROBLEM,	COOLING COILS ARE OBSTRUCTED WITH DIRT
			CORRECTIVE ACTION,	CLEANED COILS
946298	M	SERVICE WATER	DESCRIPTION OF PROBLEM,	SERVICE WATER LEAKS THROUGH WELD ON PIPE NIPPLE

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0005

WORK
ORDER
NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

CORRECTIVE ACTION, REPLACED 3/4 IN. PIPE

946337 M 12 SERVICE WATER PMP STRNR

DESCRIPTION OF PROBLEM, TOP PACKING LEAKS

CORRECTIVE ACTION, REPACKED STRAINER

946432 M 1C DIESEL GENR

DESCRIPTION OF PROBLEM, TURBO BOOST COMPRESSOR WILL NOT SHUTDOWN

CORRECTIVE ACTION, PULLED PD7342 AND RECALIBRATED

946444 M 16 SERVICE WATER STRAINER

DESCRIPTION OF PROBLEM, PIN HOLE LEAK ON BOTTOM OF STRAINER

CORRECTIVE ACTION, WELDED DEFECTIVE AREA IN PIPE AND COVERED WITH RFL70NA

946721 M 1C DIESEL

DESCRIPTION OF PROBLEM, DRIVE BELTS DISCONNECTED FROM MOTOR AND PULLEY IS LOOSE ON COMPRESSOR

CORRECTIVE ACTION, REPLACED 13A ATR COMPRESSOR

946916 M 12 SERVICE WATER PUMP STRAINER

DESCRIPTION OF PROBLEM, BROKEN SHEAR PIN

CORRECTIVE ACTION, REPLACED SHEAR KEY

946936 M 12 SERVICE WATER PUMP STRNR

DESCRIPTION OF PROBLEM, SHEAR PIN HAS BROKEN

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0006

WORK
ORDER
NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

CORRECTIVE ACTION, UNJAMMED UPPER COLUMN PLATE AND REPLACED
LOWER COLUMN PLATES

946939 M 14 FAN COIL UNIT

DESCRIPTION OF PROBLEM, UNIT HAS A SERVICE WATER LEAK

CORRECTIVE ACTION, INSTALLED BLANKS

946947 M 12 FAN COIL UNIT

DESCRIPTION OF PROBLEM, REPAIR SERVICE WATER LEAK IN PRIMARY COIL

CORRECTIVE ACTION, BLANKED OFF BOTTOM COOLER

946950 M 12 BORIC ACID PUMP

DESCRIPTION OF PROBLEM, PUMP LEAKS

CORRECTIVE ACTION, ADJUSTED SEAL

940143 P 11 SERVICE WATER PMP AUTO STRNR

DESCRIPTION OF PROBLEM, STRAINER HAS A 22 PSI DIFFERENCE

CORRECTIVE ACTION, REPLACED STRAINER

940609 P 15 FAN COIL UNIT

DESCRIPTION OF PROBLEM, SERVICE WATER FLOW IN HIGH AND LOW SPEED
SLOWLY DECREASES TO ZERO

CORRECTIVE ACTION, BLEW HIGH PRESSURE LINE BACK AND CLEANED
LINE

941610 P 165W24, VALVE

DESCRIPTION OF PROBLEM, REPAIR AIR LEAKS ON CONTROL AIR

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0007

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	REPAIRED TUBING TO SOLENOID VALVE
941612	P	FA-3892, INSTRU	
		DESCRIPTION OF PROBLEM,	SENSING LINES TO FLOW TRANSMITTER PLUGGED
		CORRECTIVE ACTION,	PURGED PLUGGED INSTRUMENT LINE
941630	P	13 FAN COYL UNIT	
		DESCRIPTION OF PROBLEM,	SERVICE WATER FLOW DROPPED TO ZERO
		CORRECTIVE ACTION,	BLEW DOWN TRANSMITTER
943314	P	1N42, POWER RANGE	
		DESCRIPTION OF PROBLEM,	CONNECTION LOOSE ON UPPER DETECTOR SIGNAL CABLE
		CORRECTIVE ACTION,	REBUILT CABLE
6343	P	13 FAN COOLER UNIT	
		DESCRIPTION OF PROBLEM,	FLOW INDICATION INOPERABLE
		CORRECTIVE ACTION,	BLEWDOWN INLET-OUTLET TRANSMITTERS
946421	P	12 FEEDWATER FLOW CH &	
		DESCRIPTION OF PROBLEM,	CHANNEL SWINGS
		CORRECTIVE ACTION,	REPLACED CAPACITOR
947025	P	1N43, POWER RANGE	
		DESCRIPTION OF PROBLEM,	UPPER FLUX SIGNAL HIGH
		CORRECTIVE ACTION,	ADJUSTED NM306
947099	P	1PT-948A, INSTRU	

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SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

000A

5
6 WORK
7 ORDER
8 NUMBER DEPT EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

9
10 DESCRIPTION OF PROBLEM,

RESET ON COMPARATOR NOT RESETTING

11
12 CORRECTIVE ACTION,

REPLACED COMPARATOR

13
14 047302 P 1243, RMS CHANNEL

15
16 DESCRIPTION OF PROBLEM,

CHANNEL HAS HIGH ALARM, BUT INDICATES LOW

17
18 CORRECTIVE ACTION,

REPLACED LIGHT SOCKET

19
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22 TOTAL LINES = 000152
23 TOTAL A-RECS = 000046

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25 LAST UPDATE
26 810902
27 212632

28 ENTER COMMANDS
29 END OF RUN

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SALEM UNIT #1
OPERATING SUMMARY
AUGUST 1981

8/1/81	2016	Decreased power from 98% RTP to 90% for heater drain pump strainer cleaning.
	2320	Increased power to 98% RTP.
8/4/81	1440	Decreased power from 98% RTP to 90% for heater drain pump strainer cleaning.
8/5/81	0105	Decrease power to 70% RTP; vacuum decreasing because vacuum pump seals leaking.
	0530	Start increasing power to 97% RTP.
	1600	Steady state power at 97% RTP.
8/7/81	0235	Decrease power to 85% RTP for heater drain pump strainer cleaning.
	0730	Steady state power at 97% RTP.
8/8/81	0400	Reduce power to 90% RTP to clean heater drain pump suction strainers.
	2200	Reduce power to 70% RTP to clean condensate pump strainers.
8/9/81	0700	Increase power to 95% RTP.
	1500	Steady state power at 95% RTP.
8/10/81	1438	Rx trips following S/G feed pump trip.
8/11/81	0100	Rx critical.
	0540	Turbine on line, increasing power.
8/12/81	0500	Steady state Rx power at 96% RTP.
8/19/81	0811	Started load reduction due to main bus cooling fan trouble.
	0900	Rx power at 35% RTP and holding.
	1400	Start increasing power.
	2340	Steady state Rx power at 96% RTP.
8/30/81	1951	Started load reduction due to loss of condenser vacuum.
	2100	Rx power at 84% RTP and starting to increase power.
	2400	Steady state Rx power at 96% RTP.

REFUELING INFORMATION

DOCKET NO.: 50-272

UNIT: Salem #1

DATE: September 10, 1981

COMPLETED BY: L.K. Miller

TELEPHONE: 609-365-7000X507

MONTH: August 1981

1. Refueling information has changed from last month:

YES _____ NO X

2. Scheduled date of next refueling: November 28, 1981

3. Scheduled date for restart following refueling: February 3, 1981

4. A. Will Technical Specification changes or other license amendments be required? YES _____ NO _____

NOT DETERMINED TO-DATE August 1981

B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES _____ NO X

If no, when is it scheduled? October 1981

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

November 1981 (If Required)

6. Important licensing considerations associated with refueling:

NONE

7. Number of Fuel Assemblies:

A. In-Core 193

B. In Spent Fuel Storage 104

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: September 1996