

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-311

UNIT Salem No. 2

DATE November 10, 1981

COMPLETED BY L. K. Miller

TELEPHONE 609-365-7000 X 507

MONTH October 13-31, 1981 (COMMERCIAL OPERATION)

DAY AVERAGE DAILY POWER LEVEL
(MWe-NET)

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	1101
14	1118
15	1135
16	279

DAY AVERAGE DAILY POWER LEVEL
(MWe-NET)

17	615
18	357
19	380
20	1060
21	1103
22	323
23	1059
24	1059
25	1059
26	1111
27	1121
28	1120
29	1124
30	1148
31	694

OPERATING DATA REPORT

DOCKET NO.: 50-311

DATE : November 10, 1981

COMPLETED BY: L. K. Miller

TELEPHONE: 609-365-7000 X 507

OPERATING STATUS

1. Unit Name: Salem No. 2
2. Reporting Period: October 13-31, 1981
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1162
5. Design Electrical Rating (Net MWe): 1115
6. 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:
None

Notes:

Salem No. 2 was declared commercial
10-13-81 @ 0001 hrs.

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	457	457	457
12. Number Of Hours Reactor Was Critical	441.9	441.9	441.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	421.5	421.5	421.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1260696	1260696	1,260,696
17. Gross Electrical Energy Generated (MWH)	425,900	425,900	425,900
18. Net Electrical Energy Generated (MWH)	407,190	407,190	407,190
19. Unit Service Factor	92.2	92.2	92.2
20. Unit Availability Factor	92.2	92.2	92.2
21. Unit Capacity Factor (Using MDC Net)	80.7	80.7	80.7
22. Unit Capacity Factor (Using DER Net)	79.9	79.9	79.9
23. Unit Forced Outage Rate	7.8	7.8	7.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</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	<u>06/30/80</u>	<u>08/C2/80</u>
INITIAL ELECTRICITY	<u>09/01/80</u>	<u>06/03/81</u>
COMMERCIAL OPERATION	<u>09/24/81</u>	<u>10/13/81</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 13-31, 1981DOCKET NO.: 50-311UNIT NAME: Salem No. 2DATE: November 10, 1981COMPLETED BY: L. K. MillerTELEPHONE: 609-365-7000 X 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
81-10	10-16	F	14.1	A	1	-----	HA	ZZZZZZ	Repair EHC Oil Leak
81-12	10-18	F	13.6	A	3	-----	HH	PUMPXX	#22 Steam Generator Feed Pump Trip
81-14	10-21	F	0.0	A	5	-----	HH	PUMPXX	Low Flow #21 Condensate Pump
81-16	10-22	F	7.8	A	3	-----	HH	PUMPXX	#21 Steam Generator Feed Pump Trip
81-18	10-31	F	0.0	A	5	-----	HF	HTEXCH	Condenser Tube Leak

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 (ER) File
(NUREG-0161)

⁵
Exhibit I-Same
Source

MAJOR PLANT MODIFICATIONS
REPORT MONTH October 1981

DOCKET NO: 50-311
UNIT NAME: Salem 2
DATE: November 10, 1981
COMPLETED BY: L. K. Miller
TELEPHONE: 609-365-7000X507

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
2EC-0738	Safety Related Piping	Implement pipe support changes
2EC-1145	Vital Trays & Conduits	Wrapping vital cable trays and conduits
2EC-1148	Reactor Coolant System	Replace the welded tube lane blocking devices currently installed in the steam generators
2EC-1267	Chemical and Volume Control	Reduce the rate of speed at which 2CV5 opens

* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS

REPORT MONTH October 1981DOCKET NO.: 50-311UNIT NAME: Salem No. 2DATE: November 10, 1981COMPLETED BY: L. K. MillerTELEPHONE: 609-365-7000 X 507

*DCR NO.	10CFR50.59	SAFETY EVALUATION
2EC-0738	This DCR concerns only hanger changes as required by NRC Bulletin 79-07. All designs will not functionally alter any safety systems, nor will they create or aggravate any safety hazards.	
2EC-1145	Wrapping these vital cable trays will not affect any safety function, margin or analysis. No U.S.Q. is present.	
2EC-1148	This DCR modifies the means by which the steam generator tube lane blocking devices are secured. The original design intent has not been affected nor has an U.S.Q. been created.	
2EC-1267	Valve 2CV5 performs the same function as previously. The isolation function and the fail safe design of this valve are not affected by this change. The 10 second closure time will be maintained and verified by testing. No change to the quantity or quality of liquid release from the system, therefore no U.E.Q. needed.	

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG - UNIT 2

DATE 11/09/81
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WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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92A561	M	VALVE, 22S193	
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		DESCRIPTION OF PROBLEM,	FOUND VALVE STUCK IN MID POSITION
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		CORRECTIVE ACTION,	REPLACED VALVE INTERNALS
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937626	M	STRAINER, 25 SW PUMP	
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		DESCRIPTION OF PROBLEM,	UNABLE TO OPEN 25SW25
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		CORRECTIVE ACTION,	REPLACED COMPLETE RUNNET ASSY AND STEM
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937629	M	21MS169, VALVE	
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		DESCRIPTION OF PROBLEM,	VALVE LEAKS THROUGH
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		CORRECTIVE ACTION,	REPLACED CAGE GASKET, RUNNET GASKET AND SPACER, REPACKED VALVE
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937694	M	2A EMERG. DIESEL	
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		DESCRIPTION OF PROBLEM,	PRELUBE PUMP FAILURE ALARM ACTUATED WITH PUMP OPERATING AND OIL PRESSURE NORMAL
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		CORRECTIVE ACTION,	REPLACED FUSE IN 115V CONTROL CKT
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938110	M	22 CHILLER UNIT	
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		DESCRIPTION OF PROBLEM,	NO SUCTION OR DISCHARGE PRESSURE
--	--	-------------------------	----------------------------------

		CORRECTIVE ACTION,	INSTALLED REBUILD COMPRESSOR AND RECHARGED SYSTEM
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938115	M	RWST HEAT EXCHANGER	
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		DESCRIPTION OF PROBLEM,	HEAD LEAKS
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		CORRECTIVE ACTION,	REPLACED HEAD GASKET
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ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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938747	M	2PS29, VALVE	
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DESCRIPTION OF PROBLEM,	VALVE LEAKING AROUND BONNET
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CORRECTIVE ACTION,	INSTALLED NEW GASKET
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939920	M	2CV241, VALVE	
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DESCRIPTION OF PROBLEM,	O-RING TURNED OVER TO MAKE VALVE WORK, REPLACE O-RING
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CORRECTIVE ACTION,	VALVE LIFTING LATE, RESET TO 75#, REPLACED O-RING AND FLEXITALIC GASKET
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940095	M	22 SERVICE WTR PUMP	
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DESCRIPTION OF PROBLEM,	LEAKS FROM PUMP PACKING AND COOLING LINE
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CORRECTIVE ACTION,	REPACKED PUMP AND REPAIRED COOLING LINE
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940177	M	2R3YA/H, CABLE	
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DESCRIPTION OF PROBLEM,	ONE PHASE FLASHED TO GROUND
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CORRECTIVE ACTION,	CUT OUT BAD SECTION, INSTALLED T&R BUTT SPlice SLEEVE, COVERED WITH DOUBLE LAYER RAYCHEM SHRINK TUBING AND WRAPPED THREE PHASES IN 1/4IN. RUBBER BLANKET. . RUBBER
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940237	M	25 SERVICE WTR PUMP	
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DESCRIPTION OF PROBLEM,	STRAINER HAS SEAL LEAKS FROM HANDHOLE COVER
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CORRECTIVE ACTION,	REPAIRED HANDHOLE SEALS
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ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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940244	M	23MS169, VALVE	
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DESCRIPTION OF PROBLEM,

VALVE LEAKS

CORRECTIVE ACTION,

INSPECTION FOUND BODY SEAT .008 LOW ON ONE
SIDE, MACHINED SEAT SURFACE FOR EVEN
SEATING, REASSEMBLED WITH NEW GASKETS

940411	M	22 SERVICE WATER PUMP	
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DESCRIPTION OF PROBLEM,

PACKING IS COCKED

CORRECTIVE ACTION,

REPACKED PUMP

940675	M	28 SEC	
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DESCRIPTION OF PROBLEM,

LOSS OF VOLTAGE ALARM KEEPS REAPPEARING.
WHEN RESET, ALARM RETURNS IN A FEW MINUTES

CORRECTIVE ACTION,

TIGHTENED LEADS ON OUTPUT RELAYS AND
ADJUSTED POWER SUPPLY

940682	M	23 FAN COIL UNIT	
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DESCRIPTION OF PROBLEM,

WILL NOT START IN HIGH SPEED

CORRECTIVE ACTION,

CLEANED BEARINGS AND ADJUSTED DAMPERS

940807	M	VALVE, 2CV14R	
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DESCRIPTION OF PROBLEM,

DIAPHRAM LEAK HAS PARTIALLY DESTROYED
BONNET

CORRECTIVE ACTION,

REPLACED VALVE BONNET

940839	M	24GR3, VALVE	
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WORK
ORDER
NUMBER

DEPT

EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

DESCRIPTION OF PROBLEM,

VALVE LEAKING

CORRECTIVE ACTION,

INSTALLED TEMPORARY CLAMP AND PUMPED WITH
SEALANT TAW MAINT. PROCEDURE T-40CH-1

941212 M 2C EMERG. DIESEL

DESCRIPTION OF PROBLEM,

LURE OTL HTR ALARM UP WHEN HTR I/S

CORRECTIVE ACTION,

REPLACED FAILED 2TD-7319 TEMP DEVICE

941313 M FAN, 22 AIR BLDG EXH

DESCRIPTION OF PROBLEM,

HOLE IN RUBBER BOOT ON FAN OUTLET

CORRECTIVE ACTION,

REPAIRED HOLE

941389 M 25 SERVICE WATER PUMP

DESCRIPTION OF PROBLEM,

PUMP LEAKING FROM PACKING GLAND

CORRECTIVE ACTION,

REPACKED PUMP

942049 M ATR LOCK, FL 130

DESCRIPTION OF PROBLEM,

INNER DOOR SEAL LEAKING

CORRECTIVE ACTION,

REPLACED SEAL AND ADJUSTED DOOR

943496 M 2C EMERG. DIESEL

DESCRIPTION OF PROBLEM,

2TD-7301 OUT OF CAL

CORRECTIVE ACTION,

CALIBRATED AND INSTALLED NEW TEMP SWITCH
FOR 2TD-7301

943618 M 22GR3, VALVE

DESCRIPTION OF PROBLEM,

BONNET LEAK

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WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	VALVE SUPPORT BRACKET KEPT VALVE BONNET FROM SEATING PROPERLY. GROUND BRACKET FOR GOOD BONNET SEAT AND REPLACED GASKET
943674	M	2CV253, VALVE	
		DESCRIPTION OF PROBLEM,	REPLACE LEAKING PLUG GASKETS
		CORRECTIVE ACTION,	REPLACED PLUG GASKETS AND INLET & OUTLET FLANGE GASKETS
943687	M	2PR2, VALVE	
		DESCRIPTION OF PROBLEM,	VALVE BINDING
		CORRECTIVE ACTION,	BINDING CAUSED BY IMPROPER ASSEMBLY. DISASSEMBLED VALVE, CLEANED PARTS AND REASSEMBLED
943687	M	2C EMERG. DIESEL	
		DESCRIPTION OF PROBLEM,	RECALIBRATE 2TD-7318
		CORRECTIVE ACTION,	INSTALLED NEW CALIBRATED TEMP DEVICE
943691	M	24MS178, VALVE	
		DESCRIPTION OF PROBLEM,	VALVE HAS BONNET LEAK
		CORRECTIVE ACTION,	REPLACED TOP COVER GASKET
944001	M	22 SERVICE WATER PUMP	
		DESCRIPTION OF PROBLEM,	DISCHARGE EXPANSTION JOINT CRACKED
		CORRECTIVE ACTION,	REPLACED EXPANSION JOINT AND ADDED 1 INCH SPACER RING WITH GASKET

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NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
944038	M	21MS46, VALVE	
		DESCRIPTION OF PROBLEM,	SLIGHT BONNET COVER LEAK
		CORRECTIVE ACTION,	INSTALLED NEW COVER GASKET
944054	M	21MS46, VALVE	
		DESCRIPTION OF PROBLEM,	COVER GASKET LEAKS
		CORRECTIVE ACTION,	REPLACED COVER GASKET AND TORQUED TO 140FT
944055	M	STRAINER, 23 SERVICE WTR PMP	
		DESCRIPTION OF PROBLEM,	PINHOLE LEAK IN BACKWASH PIPING
		CORRECTIVE ACTION,	PAD WELDED LEAK
944100	M	PUMP, 22 SERVICE WTR	
		DESCRIPTION OF PROBLEM,	REPLACE EXPANSION JOINT
		CORRECTIVE ACTION,	REPLACED EXPANSION JOINT AND INSTALLED SPACER
944175	M	VALVE, 22CV155	
		DESCRIPTION OF PROBLEM,	BORON SOLUTION LEAKING FROM STEM
		CORRECTIVE ACTION,	REPLACED VALVE DIAPHRAM
		DESCRIPTION OF PROBLEM,	12SW24, STRAINER BACKWASH VALVE LEAKS THRU
		CORRECTIVE ACTION,	REPLACED VALVE DIAPHRAM
945076	M	2A EMERG. DIESEL	
		DESCRIPTION OF PROBLEM,	JACKET WTR HT TEMP, LUBE OIL HT TEMP, PRELUBE OIL PUMP FAIL AND LUBE OIL HEATER FAILURE ALARMS APPEARED AFTER START OF 24HR. RUN. TEMPS WERE SAT. PUMP & HTR OFF.

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DEPT EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

RECALIBRATED 2ADM698, 2T07846, & 2T07247.
REPLACED 2T07224 TEMP SWITCH

CORRECTIVE ACTION,

945657 M 22 CHARGING PUMP

DESCRIPTION OF PROBLEM,

SERVICE WATER LEAK IN TUNING TO LURE OIL
HEAT EXCHANGER

CORRECTIVE ACTION,

REPLACED TUNING

945815 M PUMP, 23 RHR SUMP

DESCRIPTION OF PROBLEM,

MOTOR TRIPS ON OVERLOAD

CORRECTIVE ACTION,

FOUND FRONT BEARING DEFECTIVE. REPLACED
MOTOR

945933 M VENTILATION, COUNTING RM

DESCRIPTION OF PROBLEM,

FAN EXHAUST DUCT HOOT TORN

CORRECTIVE ACTION,

INSTALLED NEW HOOT

946801 M 23 CHARGING PUMP

DESCRIPTION OF PROBLEM,

EXCESSIVE REACTOR COOLANT LEAK RATE WHEN
PUMP IS VALVED INTO SERVICE

CORRECTIVE ACTION,

REPACKED NO.1 CYLINDER

946811 M 26 SERV WTR TRAV SCREEN

DESCRIPTION OF PROBLEM,

LURE FITTINGS MISSING ON UPTAKE SCREW

CORRECTIVE ACTION,

INSTALLED FITTINGS

946812 M 24 SEC. WTR TRAV SCREEN

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WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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DESCRIPTION OF PROBLEM,

NORTH HEAD SHAFT BEARING GREASE FITTING
WILL NOT TAKE GREASE

CORRECTIVE ACTION,

REPLACE BEARING

946853 M 21 SERV. WTR PMP STRAINER

DESCRIPTION OF PROBLEM,

TEE ON BACKWASH LINE ERRODED

CORRECTIVE ACTION,

REVELED ERRODED AREA IAW MAINT PROCEDURE
M13A(1) AND APPLIED RELZONA R METAL EPOXY
OVER THE AREA

947257 M VOLUME CONTROL TK

DESCRIPTION OF PROBLEM,

MANWAY HAS SLIGHT LEAK

CORRECTIVE ACTION,

REPLACED MANWAY GASKET

CORRECTIVE ACTION,

FOUND PUMP PULLEY DISCONNECTED FROM PUMP

987528 M 22 R.A. TRANSFER PUMP

DESCRIPTION OF PROBLEM,

MOTOR BURNED OUT

CORRECTIVE ACTION,

REPLACED MOTOR

987431 M PUMP.26 SERVICE WTR

DESCRIPTION OF PROBLEM,

HOLE IN CASING BY PACKING GLAND

CORRECTIVE ACTION,

WELDED PUMP CASE

987474 M VALVE, 21CV155

DESCRIPTION OF PROBLEM,

INVESTIGATE SOURCE OF LEAKAGE IN VICINITY
OF 21CV155. CONSTANT DRIP FROM INSULATION

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WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	REPLACED VALVE DIAPHRAM
087485	M	STRAINER, 23 SW PUMP	
		DESCRIPTION OF PROBLEM,	TRANSFORMER IN JUNCTION BOX FOR AUTO/MAN STRAINER CONTROL SMOKING
		CORRECTIVE ACTION,	REPLACED TRANSFORMER
990544	M	24GR3, VALVE	
		DESCRIPTION OF PROBLEM,	VALVE IS LEAKING AT STEM
		CORRECTIVE ACTION,	REPACKED VALVE AND REPLACED RUNNET GASKET
990573	M	25 SERVICE WTR PUMP	
		DESCRIPTION OF PROBLEM,	PACKING GLAND STUDS BROKE OFF DUE TO CORROSION
		CORRECTIVE ACTION,	INSTALLED FABRICATED TEMPORARY CLAMP
990597	M	3 STRAINER, 22 SW PUMP	
		DESCRIPTION OF PROBLEM,	BROKEN SHEAR PIN
		CORRECTIVE ACTION,	CLEANED STRAINER, REPLACED SHEAR PIN AND IN LINE SHAFT GASKET
990632	M	28 EMERG DIESEL	
		DESCRIPTION OF PROBLEM,	PRELUBE PUMP WILL NOT RUN
		CORRECTIVE ACTION,	PUMP INTERNALS BROKEN, REPLACED PUMP
990683	M	24MS167, VALVE	
		DESCRIPTION OF PROBLEM,	VALVE WOULD NOT OPERATE HYDRAULICLY DUE TO LOW OIL LEVEL. OIL HAD BLOWN OUT RELIEF ON

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WORK

ORDER

NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

PREVIOUS OPERATION

CORRECTIVE ACTION,

REPLACED DIRECTIONAL SOLENOIDS AND
REFILLED WITH OIL

990718 M PUMP,22 CHILLER COND

DESCRIPTION OF PROBLEM,

PUMP LEAKING OIL

CORRECTIVE ACTION,

INSTALLED NEW SEALS AND REALIGNED PUMP

990816 M VALVE,22MS10

DESCRIPTION OF PROBLEM,

BONNET NUT MISSING AND VALVE LEAKING FROM
MISSING STEM LUBRICATOR TAPPED HOLE

CORRECTIVE ACTION,

REPLACED BONNET NUT AND WELDED UP TAPPED
HOLE

992454 M STRAINER,25 SW PUMP

DESCRIPTION OF PROBLEM,

BROKEN SHEAR PIN

CORRECTIVE ACTION,

REPLACED SHEAR PIN

992482 M PUMP,21 CHILLER COND

DESCRIPTION OF PROBLEM,

SEAL LEAKING

CORRECTIVE ACTION,

INSTALLED NEW MECHANICAL SEAL

992530 M PUMP,23 CHARGING

DESCRIPTION OF PROBLEM,

DISCHARGE RELIEF VALVE LEAKS

CORRECTIVE ACTION,

INSTALLED CAP GASKET

992533 M PUMP,23 CHARGING

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WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		DESCRIPTION OF PROBLEM,	OIL LEVEL GAGE GLASS CRACKED
		CORRECTIVE ACTION,	REPLACED SIGHT GLASS TUBE
992580	M	PUMP, 22 HORTIC ACID TRANSFER	
		DESCRIPTION OF PROBLEM,	SEALS LEAKING
		CORRECTIVE ACTION,	REPLACED INBOARD AND OUTBOARD BEARINGS OIL SEALS AND MECHANICAL SEALS
992632	M	23 FAN COIL UNIT	
		DESCRIPTION OF PROBLEM,	SERVICE WATER LEAK IN FAN COIL UNIT
		CORRECTIVE ACTION,	INSTALLED BLANK ON THIRD COOLER FROM BOTTO ON PRIMARY SIDE
926527	P	21 RCP SEAL WTR DELTA P	
		DESCRIPTION OF PROBLEM,	2PC-188 DDC
		CORRECTIVE ACTION,	REPLACED 2PC-188
926576	P	RMS CH 2R41A	
		DESCRIPTION OF PROBLEM,	REMOTE INDICATION FAILED
		CORRECTIVE ACTION,	REPLACED U44 AND U45 CHIPS IN A62CD MODULE
926656	P	RMS CH 2R41A	
		DESCRIPTION OF PROBLEM,	HI FLOW AND LO FLOW ALARMS UP
		CORRECTIVE ACTION,	FOUND PUMP PULLEY DISCONNECTED FROM PUMP SHAFT, RECONNECTED PULLEY AND ALIGNED DRIVE BELT

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WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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926664	P	RMS CH 2R12R	
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DESCRIPTION OF PROBLEM,	LOWER WINDOW ADJUST CH1 ERRATIC
CORRECTIVE ACTION,	REPLACED CAL POT

926665	P	RMS CH 2R41A	
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DESCRIPTION OF PROBLEM,	MOST SIGNIFICANT DIGIT ON READOUT FAILED
CORRECTIVE ACTION,	REPLACED AA CHIP ON DISPLAY BOARD

938609	P	22 S/G PRESSURE	
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DESCRIPTION OF PROBLEM,	PI-1645 IN HOT SHUTDOWN PNL READS ZERO
CORRECTIVE ACTION,	REPLACED DEFECTIVE ISOLATOR AND POWER SUPPLY BOARD IN ALTERNATE SHUTDOWN PNL

940234	P	2R EMERG. DIESEL	
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DESCRIPTION OF PROBLEM,	22R STARTING AIR COMPRESSOR WILL NOT START
CORRECTIVE ACTION,	TIGHTENED LOOSE TERMINAL ON PD-7324

940253	P	2PR48, VALVE	
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DESCRIPTION OF PROBLEM,	VALVE WILL NOT MOVE IN THE TEST MODE
CORRECTIVE ACTION,	ADJUSTED OPEN AND CLOSED LIMIT SWITCHES FOR PROPER INDICATION

940306	P	VALVE, 23SW24	
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DESCRIPTION OF PROBLEM,	23SW24 AIR CONTROL SOLENOID VALVE SV0261 HAS BURNED UP SOLENOID
CORRECTIVE ACTION,	REPLACED SOLENOID

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ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
940409	P	23 S/G PRESS. IND.	
		DESCRIPTION OF PROBLEM,	CH2 READS 130PSI LOWER THAN OTHERS
		CORRECTIVE ACTION,	REPLACED DEFECTIVE SIGNAL ISOLATOR 2PM535A
943436	P	21 S/G STM FLOW CH2	
		DESCRIPTION OF PROBLEM,	CHANNEL FAILED LOW
		CORRECTIVE ACTION,	REPLACED STM FLOW TRANSMITTER 2FT-513
947187	P	PRESSURIZER PRESS. CH 4	
		DESCRIPTION OF PROBLEM,	CHANNEL FOUND OSS DURING CH CHECK
		CORRECTIVE ACTION,	REPLACED CAPACITORS IN 2PC-474B AND CALIBRATED
947192	P	24 S/G STM PRESS CH2	
		DESCRIPTION OF PROBLEM,	CHANNEL OUT OF CAL
		CORRECTIVE ACTION,	REPLACED DEFECTIVE COMPARATOR
947195	P	24 S/G STEAM FLOW	
		DESCRIPTION OF PROBLEM,	CHANNEL FOUND OUT OF CAL DURING CAL CHECK
		CORRECTIVE ACTION,	ISOLATOR 2FM-542D OSS. REPLACED CAPACITORS C2, C3, C6&C7
987442	P	RMS CH 2R12B	
		DESCRIPTION OF PROBLEM,	CHANNEL INDICATES NO SCAN
		CORRECTIVE ACTION,	CHANGED ACTA'S
990556	P	VALVE, 2CV179	

SORTED BY
DEPARTMENT, WORK ORDER NO. SALEM GENERATING STATION
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WORK
ORDER
NUMBER

DEPT

EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

DESCRIPTION OF PROBLEM,

CONTROLS ERRATICALLY WHEN IN AUTO

CORRECTIVE ACTION,

FOUND LINKAGE OF CONTROLLER NOT HOOKED UP,
RECONNECTED LINKAGE

990561 P RMS CH 2R41A,B,C

DESCRIPTION OF PROBLEM,

SAMPLE PUMP NOT OPERATING

CORRECTIVE ACTION,

FOUND 230V VITAL LOAD CENTER TAGGED OUT BY
MAINT. FOUND PULLEY ON BLOWER LOOSE AND
DAMAGED. REPLACED PULLEY

990639 P RMS 2R12B

DESCRIPTION OF PROBLEM,

CHANNEL WENT TO NO SCAN

CORRECTIVE ACTION,

REPLACED FAULTY AC1A IN THE 866[LOCAL
UNIT

910696 P 23 RC LOOP FLOW CH3

DESCRIPTION OF PROBLEM,

CONSOLE INDICATION READS ZERO

CORRECTIVE ACTION,

REPLACED TRANSMITTER

992033 P 24 RCP FLOW CH1

DESCRIPTION OF PROBLEM,

BEZEL METER INDICATES ZERO. STATUS PANEL
LIGHT DID NOT COME ON

CORRECTIVE ACTION,

REPLACED FAILED SIGNAL ISOLATOR

992550 P 23 S/G FEED FLOW

DESCRIPTION OF PROBLEM,

RECORDER DOES NOT RECORD FEED FLOW

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DEPARTMENT, WORK ORDER NO.

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WORK
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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992584	P	22 RCP FLOW CH2	CORRECTIVE ACTION, REPLACED PEN AMPLIFIER
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		DESCRIPTION OF PROBLEM,	CHANNEL FAILED
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992625	P	24 FAN COIL UNIT	CORRECTIVE ACTION, REPLACED TRANSMITTER AND EQUALIZER ASSY
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		DESCRIPTION OF PROBLEM,	SW FLOW DECREASED 200GPM LESS THAN SPEC
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		CORRECTIVE ACTION,	BLEW DOWN TRANSMITTER INLET AND OUTLET LINES AND VALVE BLOCKS
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TOTAL LINES = 000306
TOTAL A-RECS = 000082

LAST UPDATE
#111107
124011
ENTER COMMANDS
END OF RUN

ABPKPT PRINTS

SALEM UNIT 2
OPERATIONS SUMMARY REPORT
OCTOBER 1981

10/13/81	0000	Unit 2 declared Commercial Reactor power approximate 94%.
	0800	Raised reactor power to 100%.
10/16/81	0400	Controlled shutdown of turbine to repair electro-hydraulic oil leak. Reactor maintained critical.
	1800	Generator synchronized, raising unit power.
10/18/81	0500	Reactor reached 100% RTP.
	0758	Reactor trip: Low-Low steam generator water level after a main feed pump trip.
	1742	Reactor critical.
	2136	Unit synchronized.
	2400	Reactor reached 25% RTP and held for steam generator cleanup (high conductivity).
10/19/81	1110	Power increase from 25% commenced.
	2400	Reactor reached 85% RTP, held for steam generator cleanup (high conductivity).
10/20/81	1200	Commenced increasing reactor power.
	1700	Reactor approximate 100% RTP.
10/22/81	0554	Reactor trip: Low-Low steam generator level following loss of feedwater pump.
	1123	Reactor critical.
	1347	Unit synchronized and raising power.
	1500	Reactor reached 25% RTP and held for steam generator cleanup (high conductivity).
	2000	Raising reactor power.
10/23/81	1500	Reactor reached approximate 100% RTP.

SALEM UNIT 2
OPERATIONS SUMMARY REPORT
OCTOBER 1981

10/31/81	1233	Commenced unit load reduction: High conductivity in steam generators. Condenser tube failure.
	1413	Reactor reached 25% RTP and held.
	2123	Increasing load.
	2400	Unit at approximate 50% RTP and increasing load.

REFUELING INFORMATION

DOCKET NO.: 50-311

UNIT: Salem No. 2

DATE: November 10, 1981

COMPLETED BY: L. K. Miller

TELEPHONE: 609-365-7000X507

MONTH: October 1981

1. Refueling information has changed from last month:

YES _____ NO X

2. Scheduled date of next refueling: January 8, 1983

3. Scheduled date for restart following refueling: April 3, 1983

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

NOT DETERMINED TO-DATE October 1981

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

If no, when is it scheduled? December 1982

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

December 1982 (If Required)

6. Important licensing considerations associated with refueling:

7. Number of Fuel Assemblies:

A. In-Core 193

B. In Spent Fuel Storage 0

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 2000