

OPERATING DATA REPORT

Docket No. 50-311
Date March 10, 1983
Telephone 935-6000
Extension 4455

Completed by L. K. Miller

Operating Status

1. Unit Name	Salem No. 2	Notes
2. Reporting Period	February 1983	
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)	1106	
8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason	N/A	

9. Power Level to Which Restricted, if any (Net MWe) 0

10. Reasons for Restrictions, if any REFUELING OUTAGE

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	672	1416	12122
12. No. of Hrs. Reactor was Critical	0	470.3	10925.9
13. Reactor Reserve Shutdown Hrs.	0	3.3	38.9
14. Hours Generator On-Line	0	459.4	10796.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	1109383.2	31625932.2
17. Gross Elec. Energy Generated (MWH)	0	257340	10273590
18. Net Elec. Energy Generated (MWH)	(2773)	234052	9807699
19. Unit Service Factor	0	32.4	89.1
20. Unit Availability Factor	0	32.4	89.1
21. Unit Capacity Factor (using MDC Net)	0	14.9	73.2
22. Unit Capacity Factor (using DER Net)	0	14.8	72.6
23. Unit Forced Outage Rate	0	8.6	3.5
24. Shutdowns scheduled over next 6 months (type, date and duration of each)			

Refueling Outage, January 22, 1983, 18 weeks

25. If shutdown at end of Report Period, Estimated Date of Startup:
May 9, 1983

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

	<u>Forecast</u>	<u>Achieved</u>
Initial Criticality	6/30/80	8/2/80
Initial Electricity	9/1/80	6/3/81
Commercial Operation	9/24/81	10/31/81

8-1-7.R2

AVERAGE DAILY UNIT POWER LEVEL

Completed by L. K. Miller

Docket No. 50-311
 Unit Name Salem # 2
 Date March 10, 1983
 Telephone 609-935-6000
 Extension 4455

Month February 1983

Day Average Daily Power Level
 (MWe-NET)

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>

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>
31	<u>0</u>

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UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH February 1983

Completed by L.K. Miller

Docket No. 50-311
Unit Name Salem No.2
Date March 10, 1983
Telephone 609-935-6000
Extension 4455

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
83-046	1/21	S	913.6	C	4	---	HA	GENERA	Generator Major Overhaul (Gen Overhaul items)
83-046	1/21	S	913.6	C	4	---	HA	TURBIN	Major Turbine Overhaul (Gen Overhaul items)
83-046	1/21	S	913.6	C	4	---	HC	HTEXCH	Misc Major Condenser Overhaul
83-046	1/21	S	913.6	C	4	---	CA	FUELXX	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 Preparation
of Data
Entry Sheets
for Licensee
Event Report
(LER) File
(NUREG 0161)

5 Exhibit 1
Salem as
Source

MAJOR PLANT MODIFICATIONS

REPORT MONTH FEBRUARY 1983DOCKET NO: 50-311UNIT NAME: Salem 2DATE: March 10, 1983COMPLETED BY: L.K. MillerTELEPHONE: 609/935-6000 X4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
2EC-0639	Fuel Transfer	Modify the Fuel Transfer System.
2EC-1303	Condensate & Feedwater	Replace the strainer on the suction pipe of the condensate pump with a strainer of bigger hole opening and greater effective area.
2SC-0698	Auxiliary Annunciator	Add "Auto Test Fault" to legends for auxiliary annunciator points.
2SC-0832	Reactor Vessel Internals Lifting Rig	In accordance with Westinghouse proposal dated 3/12/82, revise design of the reactor vessel internal lifting rig to incorporate use of lifting rig platform and internal tool apparatus. Retrofit should include roto-lok tool engaging system.

* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS

REPORT MONTH FebruaryDOCKET NO.: 50-311UNIT NAME: Salem 2DATE: March 10, 1983COMPLETED BY: L.K. MillerTELEPHONE: 609/935-6000 X4455

*DCR NO.	10CFR50.59	SAFETY EVALUATION
2EC0639	This change is not safety related and does not affect safety related equipment. No unreviewed safety questions are involved.	
2EC1303	This design change does not affect any presently formed safety analysis. No unreviewed safety or environmental questions are involved.	
2SC0698	The legends being changed were not used in the present safety analysis calculations. No unreviewed safety or environmental questions are involved.	
2SC0832	This modification will simplify the operator actions required to engage and disengage the reactors internals in the lift rig, increasing the safety of personnel and equipment. No unreviewed safety or environmental questions are involved.	

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
903042	M	1	VALVE, 15J78

903042 M 1 VALVE, 15J78

FAILURE DESCRIPTION : VALVE LEAKS THROUGH. VALVE VERIFIED CLOSED AND ACTUATOR NOT BOTTOMED.

CORRECTIVE ACTION : INSTALLED NEW STEM.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
904768	M	1	VALVE, 1CV75

904768 M 1 VALVE, 1CV75

FAILURE DESCRIPTION : EXCESSIVE PACKING LEAKAGE.

CORRECTIVE ACTION : VALVE WAS FURMINATED ON 8/1/82 WO#094862 STEM AND GASKETS REPLACED 11/28/82 WO# 904768.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
904833	M	1	VALVE, 13CV315

904833 M 1 VALVE, 13CV315

FAILURE DESCRIPTION : VALVE LEAKS THROUGH.

CORRECTIVE ACTION : REPLACED VALVE WITH MARK FA-129 IAM 1ED-0351.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
907249	M	1	CONT AIR LOCK EL 100

907249 M 1 CONT AIR LOCK EL 100

FAILURE DESCRIPTION : INNER DOOR HAS PIECE MISSING IN UPPER RIGHT HAND CORNER.

CORRECTIVE ACTION : CHECKED DOOR AND REINSTALLED SEAL.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
908682	M	1	VALVE, 1PR7

908682 M 1 VALVE, 1PR7

FAILURE DESCRIPTION : VALVE BINDS AND DOES NOT MAKE CLOSED LIMIT

CORRECTIVE ACTION : REPLACED PLUG ASSEMBLY. SEAT SAT.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

908849 M 1 VALVE, 13MS46

FAILURE DESCRIPTION : DISASSEMBLE 13MS46, INSPECT FOR BROKEN PARTS.

CORRECTIVE ACTION : REPLACED HANGER, BUSHING AND GASKET.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

909354 M 1 VALVE, 11MS178

FAILURE DESCRIPTION : VALVE WAS INSPECTED DURING PREVENTATIVE MAINT REPACK PROGRAM. STEAM CUTS FOUND ON VALVE BODY BEYOND REPAIR.

CORRECTIVE ACTION : VALVE WAS REPLACED IN KIND.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

909852 M 1 RX STUD CLOSURE SCREWS

FAILURE DESCRIPTION : SOME STUDS HAVE CLOSURE SCREWS THAT HAVE TO BE REMORKED TO BE REMOVED.

CORRECTIVE ACTION :

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

909868 M 1 AUX PIPE TUNNEL PIPING

FAILURE DESCRIPTION : REPAIR ARC STRIKES AS REPORTED ON CATALYTIC SURVEILLANCE REPORT 1191.

CORRECTIVE ACTION : WORK COMPLETED BY CATALYTIC.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

909921 M 1 12 RCP MOTOR

FAILURE DESCRIPTION : INSPECT MOTOR FOR SIGNS OF WATER AND CONTAMINATION CAUSED BY CONTAINMENT SPRAY LINE RUPTURE.

CORRECTIVE ACTION : DISASSEMBLED MOTOR AND CLEANED. NO TRACE OF BORIC ACID FOUND INTERNALLY. HI POTTED WINDINGS SAT. REASSEMBLED AND TEST RAN SAT

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

910150 M 1 CONT 130EL EQUIPMENT HATCH

FAILURE DESCRIPTION : CONTAINMENT EQUIPMENT HATCH FRAME DAMAGED AT 3 O'CLOCK POSITION.

CORRECTIVE ACTION : DAMAGED AREA WAS HEATED AND BENT BACK INTO POSITION. DRESSED AREA WITH FILE AND NDE
TESTED WITH DYE PENETRANT SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

910235 M 1 EMERG DIESEL 1B

FAILURE DESCRIPTION : UPPER STARTING AIR MOTOR ON EAST SIDE DOES NOT DEVELOP SAME SPEED AS OTHER THREE.

CORRECTIVE ACTION : INSTALLED NEW AIR START MOTOR.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

910240 M 1 VALVE,1CV115

FAILURE DESCRIPTION : BOUNDRY VALVE FOR CONTAINMENT ISOLATION VALVE LEAK RATE TEST LEAKS THRU.

CORRECTIVE ACTION : CUT VALVE SEATS, RELAPPED AND BLUE CHECKED SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

914790 M 1 VALVE,11VC19

FAILURE DESCRIPTION : REMOVE VALVE 11VC19 AND REPLACE WITH 21VC19.

CORRECTIVE ACTION : COMPLETED BY CATALYTIC.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

914808 M 1 VALVE,1CV360

FAILURE DESCRIPTION : REPLACE DIAPHRAM.

CORRECTIVE ACTION : REPLACED DIAPHRAM.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917000 M 1 VALVE,11CS59

FAILURE DESCRIPTION : VALVE APPEARS TO BE LEAKING THRU
FLOOR.

CAUSING BORIC ACID BUILDUP ON PIPING AND

CORRECTIVE ACTION : 11CS59 MARK FA-27 WAS REPLACED WITH A

MARK FA-129 VALVE AS PER DCR 1ED-0351.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917278 M 1 VALVE,1CV185

FAILURE DESCRIPTION : BODY TO BONNET LEAK.

CORRECTIVE ACTION : REPLACED DIAPHRAM.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917807 M 1 PERS AIR LOCK EL 130

FAILURE DESCRIPTION : ROLLER NUTS ON INNER DOOR LOCK ARE
CRACKED.

CORRECTIVE ACTION : CLOSING DOOR WITH EXCESSIVE FORCE CAUSES
DOOR LATCH. REPLACED ROLLERS. GREATER STRAIN ON ROLLERS AS THEY ENGAGE

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917897 M 1 12 RHR PUMP

FAILURE DESCRIPTION : EXCESSIVE LEAKAGE FROM MECHANICAL SEAL.

CORRECTIVE ACTION : SEAL FAILURE CAUSED BY PUMPING RING
REPLACED MECHANICAL SEAL AND REAFFIXED PUM PUMPING RING. SPINNING ON SHAFT AND DAMAGING SEAL.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917978 M 1 EMERG DIESEL 1C

FAILURE DESCRIPTION : PRE-LUBE OIL PUMP HAS OIL LEAK.

CORRECTIVE ACTION : INSTALLED NEW SEAL IN PRE-LUBE OIL PUMP.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919606	M	1	12 CONT FAN COIL UNIT

919606 M 1 12 CONT FAN COIL UNIT

FAILURE DESCRIPTION : WILL NOT REACH DESIRED FLOW (2500 GPM IN SLOW SPEED.

CORRECTIVE ACTION : FOUND PLASTIC PLUGGED IN 12SW57. CLEANED OUT VALVE AND TUBE BUNDLE.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
922046	M	1	CONT FAN COIL UNIT 15

922046 M 1 CONT FAN COIL UNIT 15

FAILURE DESCRIPTION : LOW SPEED CIRCUIT BREAKER TRIPPED A FEW TIMES DURING A SINGLE SHIFT.

CORRECTIVE ACTION : DURING TEST, PHASE THREE OVERLOAD FAILED AFTER 17 MINUTES. REPLACED OVERLOADS AND TESTED SAT.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
924272	M	1	INCORE DETECTOR SYS

924272 M 1 INCORE DETECTOR SYS

FAILURE DESCRIPTION : DRIVE A 5 PATH NORMAL POSITION LIMIT SWITCH NEEDS ADJUSTMENT. DRIVE F&B NEED TO HAVE DETECTOR AND CABLE ASSEMBLIES REPAIRED.

CORRECTIVE ACTION : REPLACED A 5 PATH. REPLACED B&F DRIVE UNIT CABLES.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
924273	M	1	INCORE DETECTOR SYS B

924273 M 1 INCORE DETECTOR SYS B

FAILURE DESCRIPTION : EXCESSIVE RELAY CHATTER IN RELAYS FOR B DRIVE.

CORRECTIVE ACTION : REPLACED DRIVE COMPARATOR CARD.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
925396	M	1	13 COMPONENT COOLING PUMP

925396 M 1 13 COMPONENT COOLING PUMP

FAILURE DESCRIPTION : OUTBOARD PUMP SEAL IS LEAKING EXCESSIVELY.

CORRECTIVE ACTION : REPLACED SEAL.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

925415 M 1 VALVE, 1CV75

FAILURE DESCRIPTION : VALVE IS LEAKING AT BOTTOM PART. COULD NOT TELL EXACTLY WHERE LEAK IS COMING FROM.

CORRECTIVE ACTION : DISASSEMBLED, CLEANED, BLUE CHECKED CAGE TO SEAT. REMOVED GALLED SPOT ON CAGE.
INSTALLED NEW BODY TO BONNET GASKET.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

925434 M 1 VALVE, 11MS167

FAILURE DESCRIPTION : CANNOT GET CLOSED INDICATION IN CONTROL ROOM ON STEAM GENERATOR BEZEL OR OVERHEAD LIGHTS.

CORRECTIVE ACTION : RESET THE RELAYS THAT WERE OPENED ON EMERGENCY SIGNAL.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

925767 M 1 1A EMERG DIESEL

FAILURE DESCRIPTION : LOWER RIGHT AIR START MOTOR DOES NOT DEVELOP PROPER SPEED.

CORRECTIVE ACTION : REPLACED STARTER MOTOR.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

925769 M 1 COMPONENT COOLING HEATEXCHANGER, 11

FAILURE DESCRIPTION : SERVICE WATER LEAK IN HEAT EXCHANGER.

CORRECTIVE ACTION : PLUGGED THREE TUBES. ROW 31 TUBES 3 AND 11 ROW 44 TUBE 2.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

926289 M 1 SUPPORT A1-SW-A-332

FAILURE DESCRIPTION : ONLY SINGLE NUTS ON ANCHOR BOLTS.

CORRECTIVE ACTION : INSTALLED DOUBLE NUTS AND JAM LOCKED.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/27/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

926302 M 1 SUPPORT A1-SW-S-338

FAILURE DESCRIPTION : ONLY SINGLE NUTS ON ANCHOR BOLTS.

CORRECTIVE ACTION : INSTALLED DOUBLE NUTS AND JAM LOCKED.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928677 M 1 VALVE,115W22

FAILURE DESCRIPTION : VALVE FAILED TO CLOSE FROM CONTROL ROOM.

CORRECTIVE ACTION : INSTALLED NEW TORQUE SWITCH, TEST SA.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928761 M 1 VALVE,11GB4

FAILURE DESCRIPTION : VALVE WILL NOT SHUT FULLY, WHEN CALLED TO OPEN, VALVE FIRST CLOSES THEN OPENS.

CORRECTIVE ACTION : REPLACED OPERATOR DIAPHRAM AND SET UP FOR PROPER OPERATION.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928833 M 1 12 COMPONENT COOLING PUMP RM COOLER

FAILURE DESCRIPTION : COOLER HAS SERVICE WATER COIL LEAK. NEED TO SUPPORT MODE 3 OPERATIONS.

CORRECTIVE ACTION : REPAIRED TUBE LEAKS.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930351 M 1 VALVE,11MS168

FAILURE DESCRIPTION : VALVE CONTROL BREAKER KEEPS TRIPPING.

CORRECTIVE ACTION : REPLACED VALVE MOTOR.

3/07/83

WORK BY DEPARTMENT, UNIT, WORK ORDER

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930402 M 1 RX TRIP BKR A

FAILURE DESCRIPTION : REMOVE RX TRIP BKR A FROM UNIT 1 AND

INSTALL IN UNIT 2.

CORRECTIVE ACTION : SWAPPED BREAKERS. TEST SAT.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930424 M 1 12 SAFETY INJECTION PUMP

FAILURE DESCRIPTION : DURING TESTING, 12 SI PUMP OUTBOARD
COOLING SUPPLIES OPEN. OIL ON FLOOR.

BEARING TEMP WENT OVER 350 DEG WITH ALL

CORRECTIVE ACTION : REPLACED THRUST BEARING. CLEANED AND

FLUSHED ALL OIL LINES AND CLEANED OIL PUMP

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

985889 M 1 12 COMPONENT COOLING HX PIPING

FAILURE DESCRIPTION : SERVICE WATER PIPING WELDS DEVELOPED
RADIOGRAPH OF WELD AREA SHOWED MAJOR

PINHOLE LEAKS AFTER 1 YEAR OPERATION.
DEGRADATION IN MAJORITY OF WELDS.

CORRECTIVE ACTION : WELD REPAIRS WERE MADE ON ALL LARGE BORE
REPLACED DUE TO DIFFICULTY OF WELD REPAIR.

PIPING. SOME SMALL BORE LINES WERE

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

993130 M 1 12 REACTOR COOLANT PUMP

FAILURE DESCRIPTION : OVERHAUL AND REMARK PUMP SEALS.

CORRECTIVE ACTION : REPLACED NO.1,2 AND 3 SEALS.830128

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

908661 M 2 22 SW PUMP STRAINER

FAILURE DESCRIPTION : OPEN AND INSPECT.

CORRECTIVE ACTION : REPLACED SHOES AND BEARING. INSTALLED

NEW STRAINERS.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

908934 M 2 CONT AIR LOCK EL 100 AND 130

FAILURE DESCRIPTION : PERFORM LUBRICATION OF OPERATING MECH AND COMPLETE INSPECTION. ENSURE ALL SLIP CLUTCHES ARE FREE TO OPERATE AND ARE CLEAN

CORRECTIVE ACTION : REPLACED DOOR SEALS ON OUTER DOOR EL 130. REPLACED ROD END BEARING ON OUTER DOOR EL 100.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

916981 M 2 25 CONTAINMENT FAN COIL UNIT

FAILURE DESCRIPTION : SERVICE WATER LEAK ON PRIMARY COIL.

CORRECTIVE ACTION : REPAIRED LEAK WITH BELZONA.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917969 M 2 PUMP,21 CHILLER RECIRC

FAILURE DESCRIPTION : PUMP SEAL BLOWING WATER EXCESSIVELY.

CORRECTIVE ACTION : INSTALLED NEW BEARING OIL SEALS AND MECH SEAL.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

922177 M 2 CONT FAN COIL UNIT 22 BREAKER

FAILURE DESCRIPTION : BREAKER 1B3X CANNOT BE RACKED OUT.

CORRECTIVE ACTION : FOUND WELD BROKEN ON GEAR FOR RACKING MECHANISM. REPLACED WITH NEW PART.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928902 M 2 BA EVAP VENT CONDENSER

FAILURE DESCRIPTION : APPEARS TO HAVE A TUBE LEAK CAUSING LOSS OF COMPONENT COOLING WATER SURGE TANK LEVEL.

CORRECTIVE ACTION : TWO TUBES PLUGGED WITH TWO PART BRASS PLUGS WITH BELZONA COVER.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928922 M 2 VALVE, 24SJ54

FAILURE DESCRIPTION : MOOPEN INDICATION ON VALVE WHEN CYCLED FOR TEST. VALVE VERIFIED OPEN LOCALLY.

CORRECTIVE ACTION : DURING MAINT REPAIR, VALVE FAILED TO CYCLE AT MOTOR CONTROL CENTER, FOUND CLOSING CONTACTOR TRYING TO PULL CLOSED. REPLACED CLOSING COIL. CYCLED VALVE SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928938 M 2 21 CHILLED WTR RECIRC PUMP

FAILURE DESCRIPTION : PUMPSMOKED WHEN STARTED.

CORRECTIVE ACTION : ADJUSTED IMPELLER.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917481 P 1 CONT PRESS RELIEF OUTLET DAMPER

FAILURE DESCRIPTION : FLEX HOSE TO DAMPER OPERATOR LEAKING.

CORRECTIVE ACTION : REPLACED FLEX HOSE.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917763 P 1 1PT-135 LETDOWN LINE PRESS

FAILURE DESCRIPTION : IPC-135B FOUND TO BE OIT OF CAL.

CORRECTIVE ACTION : REPLACED COMPARATOR IPC-135B. TRIP AND RESET IN SPEC.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917946 P 1 RC LOOP 14 WR TH

FAILURE DESCRIPTION : 14 LOOP WIDE RANGE TEMP(H) INITIALLY READ 25 DEGF LESS THAN OTHER LOOPS. CHANNEL FAILED BEFORE REPAIRS INITIATED.

CORRECTIVE ACTION : REPLACED AMP BOARD AND RECALIBRATED. COMPUTER CHECK SAT.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919540	P	1	VALVES, 1CV75, 77, 79

FAILURE DESCRIPTION : STROKE VALVES TO VERIFY SEATING.

CORRECTIVE ACTION : REPLACE DIAPHRAM ON 1CV77. CHECKED STROKE OF VALVES SAT.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919615	P	1	VALVE 1CV277

FAILURE DESCRIPTION : RESOLVE PROBLEM WITH SHIFTING LIMIT SWITCH ACTUATING ARM.

CORRECTIVE ACTION : REPLACED DIAPHRAM, RETIGHTENED DIAPHRAM BACKING PLATE NUT, SET VALVE FOR PROPER OPERATION AND CHECKED OPERATION OF LIMIT SWITCHES.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919800	P	1	STEAM DUMP TO CONDENSER

FAILURE DESCRIPTION : IPT-507 CHANNEL OUT OF CAL.

CORRECTIVE ACTION : REPLACED CONTROLLER S/N EO-108 WITH CONTROLLER S/N HO-114.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919873	P	1	PZR LEVEL CH 3

FAILURE DESCRIPTION : CHANNEL READS 6% LOWER THAN CH 1 & 2.

CORRECTIVE ACTION : OPENED EQUALIZING VALVE TO TRANSMITTER REFERENCE LEG WAS NOT FILLED. 1LT-462. CHANNELS CHECK READING SAME.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919875	P	1	WIDE RANGE RC LOOPS

FAILURE DESCRIPTION : REPLACE WIDE RANGE RTD'S AS PER OCR 1EC-1527.

CORRECTIVE ACTION : REPLACEMENT RTD'S WERE NOT ENVIRONMENTALLY QUALIFIED AS REQUIRED PER THE COMMITMENT. RTD'S WILL BE REPLACED AGAIN NEXT REFUELING OUTAGE.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

919889 P 1 VCT LEVEL

FAILURE DESCRIPTION : VCT LEVEL CHANNEL OUT OF CAL.

CORRECTIVE ACTION : REPLACED CONTROLLER MO-152 WITH SN 277.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

919939 P 1 RX LOOP 13 DELTA T/TAVG CH3

FAILURE DESCRIPTION : CHANNEL OUT OF CAL.

CORRECTIVE ACTION : CALIBRATED LOW LEVEL AMP. REPLACED CAPACITORS C2,3,4,6 AND C7 IN 1TH-4316.
REPLACED ISOLATOR 1TH-4326 S/N QO-501 WITH S/N QO-387.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

925390 P 1 VALVE, 14MS18

FAILURE DESCRIPTION : VALVE CAN NOT BE OPERATED FROM THE CONTROL ROOM.

CORRECTIVE ACTION : SUPPLY AIR TO VALVE WAS TURNED DOWN TO 20PSI. OPENED SUPPLY VALVE FULLY TO SET 55PSI. ADJUSTED BLOCK ON LIMIT SWITCHES.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

925452 P 1 VALVE, 11MS10

FAILURE DESCRIPTION : VALVE CANNOT BE CONTROLLED FROM THE LOCAL CONTROL PANEL.

CONTROL CONSOLE. CONTROL CAN BE DONE AT

CORRECTIVE ACTION : FOUND BLOWN DIAPHRAM AND REPLACED. REPLACED STRIPPED ELBOW ON POSITIONER.
REPLACED PART OF INSTRUMENT LINE THAT ALSO HAD A STRIPPED FITTING.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

927536 P 1 VALVE, 1PS3

FAILURE DESCRIPTION : DURING FUNCTIONAL TEST AFTER SYS MOD, UNABLE TO GET FULL OPEN STROKE ON VALVE.

CORRECTIVE ACTION : REPLACED LEAKING DIAPHRAM. CHECKED SAT FROM CONTROL ROOM.

3/07/83

WORK BY DEPARTMENT, UNIT, WORK ORDER

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

927601 P 1 STEAM FLOW CH 2

FAILURE DESCRIPTION : CHANNEL OUT OF CAL.

CORRECTIVE ACTION : REPLACED IFM-523C S/N DO-240 WITH S/N FO-101. CALIBRATED CHANNEL SAT.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928612 P 1 VALVOP,135W42

FAILURE DESCRIPTION : VALVE DOESN'T CONTROL OIL TEMP IN AUTO OR MANUAL.

CORRECTIVE ACTION : FOUND SETPOINT FOR VALVE POSITIONER TURNED DOWN TO ZERO. RETURNED SETPOINT TO 7.6 AFTER CHECKING 11 AND 12SW42 SETPOINTS.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928678 P 1 VALVE,13GB10

FAILURE DESCRIPTION : FAILED TO OPEN FROM CONTROL ROOM.

CORRECTIVE ACTION : REPLACED DIAPHRAM AND POSITIONER PILOT.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928990 P 1 VALVE,1ML99

FAILURE DESCRIPTION : VALVE WILL NOT OPEN.

CORRECTIVE ACTION : REPLACED FAULTY AIR REGULATOR TO SV389 WHICH SUPPLIES AIR TO 1ML99.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930292 P 1 PUMP,13 CHARGING

FAILURE DESCRIPTION : SPEEDDEMAND FAILS HIGH WHEN CONTROLLER IS PLACED IN MANUAL. UNABLE TO DECREASE SPEED AUTO OPERATION APPEARS SAT.

CORRECTIVE ACTION : REPLACED MANUAL/AUTO STATION 1HC-141B S/N 102 WITH S/N 106.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930320 P 1 VALVE,1CC71

FAILURE DESCRIPTION : VALVE CANNOT BE CONTROLLED FROM CONTROL ROOM.

CORRECTIVE ACTION : REPLACED PILOT ON POSITIONER AND REPLACED MANUAL/AUTO STATION.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930330 P 1 13 ACCUMULATOR

FAILURE DESCRIPTION : HIGH-LOW LEVEL ALARM CH C WILL NOT ALARM WITH A LOW ACCUMULATOR LEVEL.

CORRECTIVE ACTION : REPLACED C2 AND C3 IN ILC-934C/G POWER SUPPLY.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930332 P 1 VALVE,1PS1

FAILURE DESCRIPTION : VALVE WILL NOT RESPOND TO CONTROLS.

CORRECTIVE ACTION : REPLACED E/P CONVERTER AND OPERATOR DIAPHRAM.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930479 P 1 P250 COMPUTER

FAILURE DESCRIPTION : COMPUTER UPDATING BUT OPERATOR CANNOT CHANGE CRT DISPLAY OR ACKNOWLEDGE ALARMS.

CORRECTIVE ACTION : RESET 125VDC POWER SUPPLY. TEST SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930488 P 1 VALVE,1VC2

FAILURE DESCRIPTION : SOLENOID VALVE LEAKING.

CORRECTIVE ACTION : REPLACED SOLENOID VALVE SV-802.

P S E & G SALEM OPERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

CHART BY DEPARTMENT, UNIT, WORK ORDER

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930496 P 1 VALVE, 12AF21

FAILURE DESCRIPTION : NO CLOSED INDICATION ON CONTROL ROOM BEZEL

CORRECTIVE ACTION : ADJUSTED LIMIT SWITCHES.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

901124 P 2 RMS, 295

FAILURE DESCRIPTION : CHANNEL FAILED.

CORRECTIVE ACTION : REPLACED Q6 AND C7 IN DETECTOR AMPLIFIER BOARD, REBUILT CONNECTOR ON DETECTOR CABLE
TEST SAT.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

910143 P 2 VALVE, 23MS171

FAILURE DESCRIPTION : RESTROKE VALVE DUE TO EXCESSIVE LEAKTHRU.

CORRECTIVE ACTION : REPLACED FAULTY DIAPHRAM WHICH WAS CAUSING VALVE NOT TO CLOSE COMPLETELY.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917806 P 2 23 AUX FEED PUMP

FAILURE DESCRIPTION : PUMP STARTS FOR NO APPARENT CAUSE.

CORRECTIVE ACTION : FOUND RC5 AND RC7 IN BACK OF SSP PANEL BLOWN IN HALF. REPLACED WITH SPARES.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917836 P 2 21 S/G LEVEL CH 4

FAILURE DESCRIPTION : CHANNEL 4 READING 4% HIGHER THAN CHANNELS 2 AND 3.

CORRECTIVE ACTION : REPLACED FAILED TRANSMITTER.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917922 P 2 VALVE,2NT32

FAILURE DESCRIPTION : SOLENOID VALVE ENERGIZED AND OPERATING BUT CNT32 DOES NOT MOVE.

CORRECTIVE ACTION : VERIFIED OPERATOR DIAPHRAM NOT BLOWN.
LIMITS.

MAINT REPAIRED VALVE. STROKED AND VERIFIED

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

919973 P 2 RMS 2R36

FAILURE DESCRIPTION : BATTERIES FOUND DEFECTIVE DURING

FUNCTIONAL PROCEDURE.

CORRECTIVE ACTION : REPLACED FOUR BURGESS AA BATTERIES IN

POWER SUPPLY.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

919991 P 2 RMS 2R41B

FAILURE DESCRIPTION : REMOTE DISPLAY IS ALL F'S.

CORRECTIVE ACTION : CHANGED ACIA'S IN REMOTE CONTROLLER.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

921454 P 2 RMS,2R41C

FAILURE DESCRIPTION : CHANNEL FAILED.

CORRECTIVE ACTION : CHANNEL WORKING IN FIELD. FOUND DIODE IN REMOTE(2RP1)POWER SUPPLY, REPLACED DIODE. REMOTE CONTROLLER SHORTED OUT. REPLACED
REPLACED RAMS. FUNCTIONALLY SAT.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

922005 P 2 RMS,2R41C

FAILURE DESCRIPTION : CHANNEL CONTINUALLY SPIKES INTO WARNING.

CORRECTIVE ACTION : DISCRIMINATOR VOLTAGE DRIFTING. REPLACED DISCRIMINATOR POT & VERIFIED OPERATION.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

922125 P 2 VALVE,2VC1

FAILURE DESCRIPTION : VALVE WILL NOT COME OFF CLOSED LIMIT.

CORRECTIVE ACTION : REPLACED OPEN COIL IN SOLENOID VALVE SV-1023. TEST SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

927640 P 2 24 S/G STEAM PRESSURE CH 2

FAILURE DESCRIPTION : CHANNEL OUT OF CAL.

CORRECTIVE ACTION : REPLACED 2PM-545A SIGNAL ISOLATOR AND ADJUSTED ZERO OF 2PI-545B.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928626 P 2 23 RC LOOP FLOW CH 3

FAILURE DESCRIPTION : INDICATION ERRATIC.

CORRECTIVE ACTION : VERIFIED TRANSMITTER OUTPUTS OSCILLATING 200-300MV. LOW PRESSURE SENSING LINE
PLUGGED. BLEW DOWN LINES AND CALIBRATED.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928631 P 2 23 CONT FAN COIL UNIT

FAILURE DESCRIPTION : SERVICE WATER FLOW INDICATION IN CONTROL ROOM READING 1100 GPM WITH FAN COIL UNIT
OUT OF SERVICE.

CORRECTIVE ACTION : REPLACED FAILED TRANSMITTER 2FA-3541Z.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928650 P 2 SHUTDOWN BANK ROD INDICATION 1SA2

FAILURE DESCRIPTION : CHANNEL FAILED TO NEUTRAL POSITION.

CORRECTIVE ACTION : REPLACED SIGNAL CONDITION MODULE AND CALIBRATED SAT.

P S E & G SALEM GENERATING STATION
SAFETY RELATED WORK ORDER LOG

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928903 P 2 RMS 2R5

FAILURE DESCRIPTION : MONITOR IS JUMPING UP AND DOWN SCALE.

CORRECTIVE ACTION : REPLACED Q6 AND Q7 ON DETECTOR AMPLIFIER BOARD. REBUILT CONNECTOR ON DETECTOR CABLE

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928912 P 2 RMS 2R41B

FAILURE DESCRIPTION : CHANNEL IN NO SCAN.

CORRECTIVE ACTION : FOUND POWER SUPPLY FOR LOCAL CABINET EXTREMELY HOT. DIRECTED AIR FLOW TO COOL COMPONENTS. RESET CHANNEL. TEST SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928943 P 2 23 CONT FAN COIL UNIT

FAILURE DESCRIPTION : LOW SERVICE WATER FLOW IN LOW SPEED.

CORRECTIVE ACTION : CYCLED 23SM57 SEVERAL TIMES TO FLUSH SILT FROM SERVICE WATER PIPING.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930490 P 2 RMS 2R11A

FAILURE DESCRIPTION : MONITOR FAILED.

CORRECTIVE ACTION : RESET LOGIC. RESEATED MAJOR CIRCUIT BOARDS TESTED SAT.

SALEM UNIT 2
OPERATIONS SUMMARY REPORT
FEBRUARY 1983

The first refueling outage of Salem Unit No. 2 was commenced on January 21st, and has continued through the month of February.

REFUELING INFORMATION

Completed by L. K. Miller

Docket No. 50-311
Unit Name Salem #2
Date Mar. 10, 1983
Telephone 609-935-6000
Extension 4455

Month March 1983

1. Refueling information has changed from last month:

YES X NO

2. Scheduled date of next refueling:
- March 31, 1984

3. Scheduled date for restart following refueling:
- June 10, 1984

4. A. Will Technical Specification changes or other license amendments be required?

YES NO NOT DETERMINED TO DATE 3/1/83

- B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES
-
- NO
- X
-
- If no, when is it scheduled?
- February 1984

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

March 1984 (if required)

6. Important licensing considerations associated with refueling:

NONE

7. Number of Fuel Assemblies:

A. Incore 193B. 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 spent fuel pool assuming the present licensed capacity:
- March 2000

8-1-7.R4