

OPERATING DATA REPORT

Docket No. 50-272
 Date March 10, 1983
 Telephone 935-6000
 Extension 4455

Completed by L. K. Miller

Operating Status

	Salem No. 1	Notes
1. Unit Name	February 1983	
2. Reporting Period	3338	
3. Licensed Thermal Power (MWt)	1135	
4. Nameplate Rating (Gross MWe)	1090	
5. Design Electrical Rating (Net MWe)	1124	
6. Maximum Dependable Capacity (Gross MWe)	1079	
7. Maximum Dependable Capacity (Net MWe)		
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) None

10. Reasons for Restrictions, if any REACTOR TRIP BREAKER PROBLEMS

	This Month	Year to Date	Cumulative
11. Hours in Reporting Period	672	1416	50425
12. No. of Hrs. Reactor was Critical	224.8	224.8	27950
13. Reactor Reserve Shutdown Hrs.	95.6	95.6	1068.7
14. Hours Generator On-Line	15.8	15.8	26663.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	557.9	557.9	79170749
17. Gross Elec. Energy Generated (MWH)	2760	2760	25967610
18. Net Elec. Energy Generated (MWH)	(12757)	(20322)	24574531
19. Unit Service Factor	2.4	1.1	52.9
20. Unit Availability Factor	2.4	1.1	52.9
21. Unit Capacity Factor (using MDC Net)	0	0	45.2
22. Unit Capacity Factor (using DER Net)	0	0	44.7
23. Unit Forced Outage Rate	96.8	96.8	28.8
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

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

	Forecast	Achieved
Initial Criticality	9/30/76	12/11/76
Initial Electricitv	11/1/76	12/25/76
Commercial Operation	12/20/76	6/30/77

8-1-7.R2

AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-272
Unit Name Salem # 1
Date March 10, 1983
Telephone 609-935-6000
Extension 4455

Completed by L. K. Miller

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>71</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>

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH February 1983

Docket No. 50-272
Unit Name Salem No.1
Date March 10, 1983
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
83-012	1/31	F	186.0	A	4	---	CB	PUMPXX	Nuclear Reactor Coolant Recirc Pump Motors
83-014	2/08	F	240.0	A	5	---	CB	PUMPXX	" " " " " " " "
83-016	2/17	F	70.0	B	5	---	HA	GENERA	Rotor Windings Generator Generator Voltqage
83-018	2/20	F	27.1	B	5	---	HA	GENERA	Supply
83-020	2/22	F	1.7	A	5	---	AD	Z Z	Other Auxiliary System Problems
83-022	2/22	F	17.6	B	5	---	RB	CRDRVE	Nuclear Control Rod Drive Power Supplies
83-024	2/22	F	25.4	A	5	---	AD	Z Z	Other Auxiliary System Problems
83-026	2/24	F	10.8	B	3	---	HA	TURBIN	Turbine Over Speed Test Nuclear Other Steam
83-028	2/25	F	1.0	A	1	---	CB	HTEXCH	Generator Problems Nuclear Control Rod
83-030	2/25	F	94.6	A	1	---	IA	CKTBRK	Scram Mechanisms

- | | | | | |
|---|--|--|--|--|
| <p>1
F: Forced
S: Scheduled</p> | <p>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</p> | <p>3 Method
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Continuation of
Previous Outage
5-Load Reduction
9-Other</p> | <p>4 Exhibit G
Instructions
for Prepara-
tion of Data
Entry Sheets
for Licensee
Event Report
(LER) File
(NUREG 0161)</p> | <p>5 Exhibit 1
Salem as
Source</p> |
|---|--|--|--|--|

MAJOR PLANT MODIFICATIONS

REPORT MONTH FEBRUARY 1983

DOCKET NO: 50-272

UNIT NAME: Salem 1

DATE: March 10, 1983

COMPLETED BY: L.K. Miller

TELEPHONE: 609/935-6000 X4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1ED-0111	Chilled Water	Delete temperature controller and low select relay from chiller condenser water flow controls.
1EC-0393A	Circulating Water System	Alter all "TT" test connections on condenser discharge pipe.
1EC-0490	Waste Disposal Gas	Move panel 110 from El. 64' to 122' in Auxiliary Building.
1EC-0574	Emergency Diesel Generators	Modify air system to include connection to the fuel rack air booster.
1EC-0758	Radiation Monitoring System	Installation of a high range plant vent radiation monitor.
1EC-0768	Waste Disposal Liquid	Add electric operators to allow remote operation of 3-way valves on waste hold-up and waste monitor hold-up tanks and operator for cross-tie (1WL115).
1EC-0774	Chilled Water System	Modify chilled water system to comply with requirements of control's DM-S-12, Par. 5.4.
1EC-0872	"A" Building Heating	Increase size of heating panel transformer from 30 KVA to 45 KVA.
1EC-0882	Service Water System	Add 3/4" pressure sensing lines off of the existing service water header at the #12 Component Cooling Heat Exchanger.
1ET-0911	Nuclear Instrumentation	Provide an installed spare source range detector for use in refueling outage.
1EC-1012	Component Cooling Water	Provide motor operators for component cooling water pumps discharge header valve Nos. 11CC3 and 12CC3.
1EC-1013	Component Cooling Water	Provide motor operators for component cooling water pumps suction header valve Nos. 1CC17 and 1CC18.
1EC-1048	Structural	Provide structural reinforcement for concrete block walls in order to meet seismic qualifications.

* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS
 REPORT MONTH FEBRUARY 1983

DOCKET NO: 50-272
 UNIT NAME: Salem 1
 DATE: March 10, 1983
 COMPLETED BY: L.K. Miller
 TELEPHONE: 609/935-6000 X4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-1070	Fuel Transfer System	Change wiring on system to correct problem of both pit side and reactor side winch position indicators energizing simultaneously when transferring fuel.
1EC-1207	Feedwater (F-700)	Provide narrow range indication for the main steam and feedwater flow on the console.
1EC-1210	Service Water	Replacement of the two 16" return headers which are located below the cavitrol valves SW223.
1EC-1302	Condensate & Feedwater	Replace the strainer on the suction pipe of the condensate pump with a strainer of bigger hole opening and greater effective area.
1EC-1337	Liquid Waste Disposal	Install a TI recorder on RP1 to monitor the levels of the reactor coolant drain and the Aux. Building sump tanks.
1EC-1339	Boric Acid Recovery (N120)	Install TI recorder on RP1.
1EC-1355	Diesel System	Provide a permanent source of DC power for alternate shutdown procedures for starting the diesel generators.
1EC-1367	Telephone	Conduit runs between New Jersey Bell microwave trailer and telephone manhole #7.
1EC-1377	SEC	Install modified chassis into the SEC cabinets.
1ET-1392	Overhead Annunciator	The annunciator windows presently installed in Section "B" will be replaced.
1EC-1399	4kV Buses	Modify short circuit bracing on the 4kV vertical lift metal clad switchgear equipment. Buses 1A, 1B, 1C, 1E, 1F, 1G and 1H.
1EC-1524	Compressed Air Valve 1SA119	Add a soft rubber like facing, use EPT material, to the metal disc of check valve(s) not otherwise able to pass the Type "C" isolation valve leak rate testing.

* DESIGN CHANGE REQUEST
 8-1-7.R1

MAJOR PLANT MODIFICATIONS
 REPORT MONTH FEBRUARY 1983

DOCKET NO: 50-272
 UNIT NAME: Salem 1
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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1SC-0152	Nuclear Instrumentation	Provide permanent implementation of spare source range channel for refueling operation.
1SC-0247	Fire Protection	Provide test circuit for lights on 1RP5 for fire protection panel.
1SC-0273	Incore Thermocouples	Change the method of connecting field cable to the incore thermocouples.
1SC-0577	#3 Unit -13kV Protection System	Provide a means to disconnect the two "A" finger aux. switches when the 52G A.C.B. is placed in the "test" position.
1SC-0607	Miscellaneous AC Supply	Supply feeds to the thermocouple reference boxes from a power supply.
1SC-0743	Service Water	Install 316 S.S. piping, fittings and tubing in lube oil coding system on both #11 and #12 Charging Pumps.
1SC-0830	Containment Steel	Provide rack for spare fan coil coils.
1SC-0838	Emergency Diesels	Provide suction isolation valves in line to diesel pre-lube oil pumps.
1SC-0977	Nuclear Instrumentation	Disconnect high flux at shutdown alarm wire connected to TB821-7 in Rack #59 for duration of welding in containment during refueling outage. Wire to be reconnected after fuel shuffle and containment work.
1SC-1062	Structural	Design or fabricate reinforcement to radiation shield beams in El. 151' #1 Unit containment access hatch.
1SC-1091	Reactor Pressurizer Relief	Install a junction box(s) outside the pressurizer enclosure for the electrical cables going to 1PR6 & 1PR7 and use high temperature cable from the junction box(s) to the motor operated valves. Use present cable from containment penetration to the junction box(s) cables 1A3YAC2P-AT, 1A3YACP-A, 1B3YAJ2P-B7.

* DESIGN CHANGE REQUEST
 8-1-7.P1

MAJOR PLANT MODIFICATIONS
 REPORT MONTH FEBPUARY 1983

DOCKET NO: 50-171
 UNIT NAME: Salem 1
 DATE: March 10, 1983
 COMPLETED BY: L.K. Miller
 TELEPHONE: 609/935-6000 X4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1SC-1135	Containment	Provide brackets for mounting and securing the following ladders inside Containment. One set to be located on El. 100' and another on El. 130'. Each set to consist of one each of the following; 10 ft. extension ladder and step ladder of 4 ft., 6 ft., 8 ft., and 10 ft.
1PD-0064	Em. Control System	Change wiring alarm point 0154 for NC/NO compatibility.
1PD-0138	DM Water	Install check coil.

* DESIGN CHANGE REQUEST
 8-1-7.R1

MAJOR PLANT MODIFICATIONS

REPORT MONTH FebruaryDOCKET NO.: 50-272UNIT NAME: Salem 1DATE: March 10, 1983COMPLETED BY: L.K. MillerTELEPHONE: 609/935-6000 X4455

*DCR NO.	10CFR50.59	SAFETY EVALUATION
1ED0111		The equipment performs the same functions and meets all applicable requirements. No unreviewed safety questions are involved.
1EC0393A		No change to the characteristics of the condenser water box thermo-wells. No unreviewed safety or environmental questions are involved.
1EC0490		The addition of a nipple and cap on the downstream side of the valve is an added safety feature. No unreviewed safety or environmental questions are involved.
1EC0574		This improves the reliability of plant operation but does not alter or change either the functional requirements or the Technical Specifications. No unreviewed safety question is involved.
1EC0758		This change will not result in an increase in the quantity of radioactive materials discharged from the plant. Unreviewed safety or environmental questions are not involved.
1EC0768		This does not affect the structural integrity of the building or its sub-parts. No unreviewed safety or environmental questions are involved.
1EC0774		Replacing the valve actuator does not result in any unreviewed safety or environmental questions.
1EC0872		This modification involves no systems which release liquids or gasses to the environment. No unreviewed safety or environmental questions are involved.
1EC0882		The addition of these lines will not increase the potential for any failures or malfunctions of the system. No unreviewed safety or environmental questions are involved.
1ET0911		This test duplicates a previously analyzed and approved function for use as an installed spare. No unreviewed safety question is involved.
1EC1012		The addition of motor operators will allow more rapid and remote operation. Handwheels will remain to allow manual operation. No unreviewed safety or environmental questions are involved.
1EC1013		Changing the valve operators from manual to motor driven will not involve any change to the FSAR, Technical Specification. No unreviewed safety or environmental questions are involved.

*DCR NO.	10CFR50.59 SAFETY EVALUATION
1EC1048	This change adds structural reinforcing to the block walls of a safety related structure. No unreviewed safety or environmental questions are involved.
1EC1070	This wiring change corrects a previous DCR (1SC0025) to give accurate position indication. No unreviewed safety or environmental questions are involved.
1EC1207	This is to provide the operator with increased information and flexibility for controlling steam generator level. No unreviewed safety or environmental questions are involved.
1EC1210	This is to improve service and durability of the system by upgrading the header's material. No unreviewed safety or environmental questions are involved.
1EC1302	This change does not affect any presently performed safety analysis nor does it create any new safety hazards. No unreviewed safety or environmental questions are involved.
1EC1337	This change provides additional information to the operator. No unreviewed safety or environmental questions are involved.
1EC1339	This change provides additional information to the operator. No unreviewed safety or environmental questions are involved.
1EC1355	Provides a permanent source of D.C. power for starting the diesel generators. No unreviewed safety or environmental questions are involved.
1EC1367	No unreviewed safety or environmental questions are involved.
1EC1377	This change will improve the noise immunity of the electronics. No unreviewed safety or environmental questions are involved.
1ET1392	This is to improve the presentation of alarm information. No unreviewed safety or environmental questions are involved.
1EC1399	This change increases the short circuit bracing of the 4kv Group and Vital Buses to 80,000 amps. No unreviewed safety questions are involved.
1EC1524	The addition of a soft facing will not alter the original design function of the valves, and has been reviewed with the valve manufacturer. No unreviewed safety or environmental questions are involved.

MAJOR PLANT MODIFICATIONS

REPORT MONTH FebruaryDOCKET NO.: 50-272UNIT NAME: Salem 1DATE: March 10, 1983COMPLETED BY: L.K. MillerTELEPHONE: 609/935-6000 X4455

*DCR NO.	10CFR50.59	SAFETY EVALUATION
1SC0152		This adds spare equipment as a backup to the existing design. No unreviewed safety or environmental questions are involved.
1SC0247		This to enhance the reliability of the fire protection panel by detecting if either of the two bulbs used to illuminate the warning windows may have burned out. No unreviewed safety or environmental questions are involved.
1SC0273		This change is to the method of connecting the thermocouples, not the function of the thermocouples. No unreviewed safety or environmental questions are involved.
1SC0577		This modification will eliminate the unnecessary tripping of the 13 kv bus section breaker 3-4 and 4-5, when the 52 G circuit breaker is operated in the test position. No unreviewed safety or environmental questions are involved.
1SC0607		Provision of a vital power supply will make the thermocouples available for verifying reactor stability during a loss of off-site power. No unreviewed safety or environmental questions are involved.
1SC0743		This is to upgrade the material. No unreviewed safety or environmental questions are involved.
1SC0830		This is to support the spare fan coils and prevent them from becoming missile hazards in the event of a seismic condition. No unreviewed safety or environmental questions are involved.
1SC0838		The installation of these valves will not compromise the ability of the emergency diesel generators to provide power. No unreviewed safety or environmental questions are involved.
1SC0977		Temporary alarm disconnect. No unreviewed safety or environmental questions are involved.
1SC1062		This provides a rigid setting surface for the concrete shield blocks in front of the equipment hatch on the heavy equipment platform in the yard. No unreviewed safety or environmental questions are involved.
1SC1091		No unreviewed safety or environmental questions are involved.
1SC1135		This provides a means for securing movable ladders in the containment. No unreviewed safety or environmental questions are involved.

MAJOR PLANT MODIFICATIONS
REPORT MONTH February

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*DCR NO.	10CFR50.59	SAFETY EVALUATION
1PD0064		This provides for routing of an annunciator cable. No unreviewed safety questions are involved.
1PD0138		No unreviewed safety questions are involved.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
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

FAILURE DESCRIPTION : EXCESSIVE PACKING LEAKAGE.

CORRECTIVE ACTION : VALVE WAS FURMINITED 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

FAILURE DESCRIPTION : VALVE LEAKS THROUGH.

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

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
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

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

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

MO 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 MDE TESTED WITH DYE PENETRANT SAT.

MO 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.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

910240 M 1 VALVE,1CV115

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

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

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

914790 M 1 VALVE,11VC19

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

CORRECTIVE ACTION : COMPLETED BY CATALYTIC.

MO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

914808 M 1 VALVE,1CV360

FAILURE DESCRIPTION : REPLACE DIAPHRAM.

CORRECTIVE ACTION : REPLACED DIAPHRAM.

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 GREATER STRAIN ON ROLLERS AS THEY ENGAGE
DOOR LATCH. REPLACED ROLLERS.

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 SPINNING ON SHAFT AND DAMAGING SEAL.
REPLACED MECHANICAL SEAL AND REAFFIXED PUM PUMPING RING.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917978 M 1 EMERG DIESEL IC

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

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

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

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 12SM57. CLEANED OUT VALVE AND TUBE BUNDLE.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

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

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

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

FAILURE DESCRIPTION : OUTBOARD PUMP SEAL IS LEAKING EXCESSIVELY.

CORRECTIVE ACTION : REPLACED SEAL.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
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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.

WO 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.

WO 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.

WO 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.

WO 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.

3/07/83

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,11SW22

FAILURE DESCRIPTION : VALVE FAILED TO CLOSE FROM CONTROL ROOM.

CORRECTIVE ACTION : INSTALLED NEW TORQUE SWITCH, TEST SAT.

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 VALVOP MOTOR.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO 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.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

930424 M 1 12 SAFETY INJECTION PUMP

FAILURE DESCRIPTION : DURING TESTING, 12 SI PUMP OUTBOARD BEARING TEMP WENT OVER 350 DEG WITH ALL COOLING SUPPLIES OPEN. OIL ON FLOOR.

CORRECTIVE ACTION : REPLACED THRUST BEARING. CLEANED AND FLUSHED ALL OIL LINES AND CLEANED OIL PUMP

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

985889 M 1 12 COMPONENT COOLING HX PIPING

FAILURE DESCRIPTION : SERVICE WATER PIPING WELDS DEVELOPED PINHOLE LEAKS AFTER 1 YEAR OPERATION. RADIOGRAPH OF WELD AREA SHOWED MAJOR DEGRADATION IN MAJORITY OF WELDS.

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

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

993130 M 1 12 REACTOR COOLANT PUMP

FAILURE DESCRIPTION : OVERHAUL AND REWORK PUMP SEALS.

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

WO 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.

SORT BY DEPARTMENT, UNIT, WORK ORDER

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

906934 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.

NO 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.

NO 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.

NO 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.

NO 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

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928922 M 2 VALVE, 245J54

FAILURE DESCRIPTION : NOOPEN 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.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928938 M 2 21 CHILLED WTR RECIRC PUMP

FAILURE DESCRIPTION : PUMPSHOKED WHEN STARTED.

CORRECTIVE ACTION : ADJUSTED IMPELLER.

NO 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.

NO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917763 P 1 IPT-135 LETDOWN LINE PRESS

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

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

NO 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,ICV75,77,79

FAILURE DESCRIPTION : STROKE VALVES TO VERIFY SEATING.

CORRECTIVE ACTION : REPLACED DIAPHRAM ON ICV77. CHECKED STROKE OF VALVES SAT.

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919615	P	1	VALVE ICV277

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 DCR IEC-1527.

CORRECTIVE ACTION : REPLACEMENT RTD'S WERE NOT ENVIRONMENTALLY QUALIFIED AS REQUIRED PER TMI 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 HO-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 1TM-4316.
REPLACED ISOLATOR 1TM-432G S/N Q0-501 WITH S/N Q0-387.

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 GET
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 CONTROL CONSOLE. CONTROL CAN BE DONE AT
LOCAL CONTROL PANEL.

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 FRGM CONTROL ROOM.

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
=====

927601 P 1 STEAM FLOW CH 2

FAILURE DESCRIPTION : CHANNEL OUT OF CAL.

CORRECTIVE ACTION : REPLACED IFM-523C S/N D0-240 WITH S/N FO-101. CALIBRATED CHANNEL SAT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928612 P 1 VALVOP,13SW42

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.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928678 P 1 VALVE,13GB10

FAILURE DESCRIPTION : FAILED TO OFEN FROM CONTROL ROOM.

CORRECTIVE ACTION : REPLACED DIAPHRAM AND POSITIONER PILOT.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

928990 P 1 VALVE,1WL99

FAILURE DESCRIPTION : VALVE WILL NOT OPEN.

CORRECTIVE ACTION : REPLACED FAULTY AIR REGULATOR TO SV389 WHICH SUPPLIES AIR TO 1WL99.

WO 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 IHC-141B S/N 102 WITH S/N 108.

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 1LC-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.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION

930494 P 1 VALVE,12AF21

FAILURE DESCRIPTION : NO CLOSED INDICATION ON CONTROL ROOM BEZEL

CORRECTIVE ACTION : ADJUSTED LIMIT SWITCHES.

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION

901124 P 2 RMS,2R5

FAILURE DESCRIPTION : CHANNEL FAILED.

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

WO 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.

WO 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.

WO 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.

3/07/83

SORT BY DEPARTMENT, UNIT, WORK ORDER

WO NO DEPT UNIT EQUIPMENT IDENTIFICATION
=====

917922 P 2 VALVE,2NT32

FAILURE DESCRIPTION : SOLENOID VALVE ENERGIZED AND OPERATING BUT 2NT32 DOES NOT MOVE.

CORRECTIVE ACTION : VERIFIED OPERATOR DIAPHRAM NOT BLOWN. MAINT REPAIRED VALVE. STROKED AND VERIFIED LIMITS.

WO 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.

WO 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.

WO 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 RAHS. FUNCTIONALLY SAT.

WO 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 ROUGH 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.

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 1
OPERATIONS SUMMARY REPORT
FEBRUARY 1983

Unit No. 1 was in cold shutdown (Mode 5) at the end of February. Investigations continued into the two occurrences where both reactor trip breakers failed to open after receiving an automatic trip signal from the Solid State Protection System.

Earlier in the month, following an inadvertent Safety Injection on January 30th the Boron Injection Tank inlet valve 1SJ4 was discovered leaking through. It was replaced with 22SJ40 valve from Unit 2 on February 6th.

No. 12 Reactor Coolant Pump (RCP) motor was damaged by an equipment operator's error on January 29th. It was replaced by No. 24 RCP motor from Unit 2 on February 7th.

On February 9th plant heatup to Mode 3 was attained. Calibration of the Control Rod Position Indication System spanned February 11th thru 13th.

The reactor was taken critical on February 14th. Zero power physics tests for the Cycle 5 reload were completed the next day.

Repairs to a hydrogen leak in the main generator cooling system delayed turbine generator roll until February 20th.

Two reactor trips occurred on February 20th due to steam generator level control problems. The unit was briefly synchronized early February 22nd, but again the reactor tripped on low steam generator level.

The unit was again synchronized late February 22nd. During the routine swap-over to the station auxiliary power transformer, the 1F bus 4kv breaker failed to close, resulting in a loss of significant plant equipment including No. 13 Reactor Coolant Pump and No. 12 Steam Generator Feed Pump. The subsequent drop in steam generator water levels prompted the operators to trip the reactor manually. On February 24th the unit was synchronized for 8 hours at 20% load. The unit was removed from service for a planned turbine over-speed trip test.

Following a successful overspeed test and a weight addition to No. 1 jack shaft on February 25th, the unit was again synchronized. A low-low steam generator level initiated a reactor trip signal. Both reactor breakers failed to open. Operators tripped the reactor using the manual console trip switches. In accordance with the Station Emergency Plan, a Site Alert was declared.

REFUELING INFORMATION

Docket No. 50-272
Unit Name Salem #1
Date Mar. 10, 1983
Telephone 609-935-6000
Extension 4455

Completed by L. K. Miller

Month March 1983

1. Refueling information has changed from last month:

YES _____ NO X

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 3/01/83

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