

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272

UNIT Salem No. 1

DATE April 10, 1982

COMPLETED BY L. K. Miller

TELEPHONE 609-541-5900X507

MONTH March 1982

## DAY AVERAGE DAILY POWER LEVEL (MWe-NET)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

## DAY AVERAGE DAILY POWER LEVEL (MWe-NET)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

# OPERATING DATA REPORT

DOCKET NO.: 50-272  
 DATE: April 10, 1982  
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## OPERATING STATUS

<p>1. Unit Name: <u>Salem No. 1</u></p> <p>2. Reporting Period: <u>March 1982</u></p> <p>3. Licensed Thermal Power (MWt): <u>3338</u></p> <p>4. Nameplate Rating (Gross MWe): <u>1135</u></p> <p>5. Design Electrical Rating (Net MWe): <u>1090</u></p> <p>6. Maximum Dependable Capacity (Gross MWe): <u>1124</u></p> <p>7. Maximum Dependable Capacity (Net MWe): <u>1079</u></p> <p>8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason:  <u>None</u></p>	<p>Notes:</p>
<p>9. Power Level To Which Restricted, If Any (Net MWe): <u>None</u></p> <p>10. Reasons For Restrictions, If Any: <u>N/A</u></p>	

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	744	2,160	41,665
12. Number Of Hours Reactor Was Critical	0.0	19.7	23,459.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	891.1
14. Hours Generator On-Line	0.0	19.5	22,472.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0	35,450	66,129,797.8
17. Gross Electrical Energy Generated (MWH)	0	10,790	21,665,170
18. Net Electrical Energy Generated (MWH)	(4,780)	(1,970)	20,498,212
19. Unit Service Factor	0.0	.9	53.9
20. Unit Availability Factor	0.0	.9	53.9
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	45.6
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	45.1
23. Unit Forced Outage Rate	0.0	0.0	31.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: April 13, 1982

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

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

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1982DOCKET NO.: 50-272UNIT NAME: Salem No. 1DATE: April 10, 1982COMPLETED BY: L. K. MillerTELEPHONE: 609-541-5900X507

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR	LICENSE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
82-014	1-01	S	1732.5	C	4	-----	RC	FUELXX	Annual Refueling Outage
82-016	3-14		408.0	B	4	-----	WB	HTEXCH	Replacement Of No. 12 Component Cooling Heat Exchanger

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuation of  
Previous Outage  
5-Load Reduction  
9-Other

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File  
(NURRG-0161)

<sup>5</sup>  
Exhibit I-Same  
Source

MAJOR PLANT MODIFICATIONS  
REPORT MONTH MARCH 1982

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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-0551	Containment Spray N-620	Addition of qualified containment pressure transmitter
1EC-0588	Auxiliary Building - Fire Barriers	Barriers for fire protection
1EC-0700	Meteorological	Add surge protection equipment
1EC-0731	Steam Generator	Insulation of the reference leg
1EC-0878	Service Water	Replace existing 90° El and add break flanges
1EC-0880	CVC	Change 1"-150# flanges to 1"-1500# flanges
1EC-0919A	Gland Sealing Steam	Corrected and added valve generation numbers
1EC-0958	Safeguards Equipment Controls	Provide circuitry to permit the operator to clear SSPS "SI" outputs to SEC
1ET-1026	Circulating Water	Install Allegheny Ludlum Type 29-4C condenser tubes
1EC-1065	Feedwater	Remove the 11 & 12 SGFP low suction pressure alarms
1EC-1089	Reactor Coolant	Replacement of the reactor coolant hot leg and cold leg wide range RTD's
1EC-1111	Circulating Water	Replace CI bearing brackets which have granulized with bronze
1EC-1118	RCP Lube Oil Fire Protection	Install a lube oil collecting fire protection system
1EC-1128	Auxiliary Feedwater	Change power supplies on AFW system
1EC-1130	Control Air	Change the power supply for the 1A & 1B header pressure transmitters

\* DESIGN CHANGE REQUEST  
8-1-7.R1  
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MAJOR PLANT MODIFICATIONS  
REPORT MONTH MARCH 1982

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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-1132	Auxiliary Feedwater	Changed power supply as follows: a. 12 pump suction/discharge pressure indicators b. 11 & 12 SG AFW flow indicator c. 11 & 12 AF-21 indicators
1EC-1134	Reactor Coolant	Change power supply to the 11, 12, 13 & 14 RC loop hot and cold leg temperature recorder
1EC-1204	Diesel Generators	Power supplies to all the indicators for voltage, frequency, watts and amperes of each one of the diesel generators
1EC-1213A	Chemical and Volume Control	Replace the existing balance drum locknut on the centrifugal charging/safety injection pumps with one of a new design
1EC-1215	Reactor Head Vent Piping	Modify reactor head vent piping
1EC-1247	Fire Protection	Provide radiant energy shields inside of containment in the electrical penetration area
1EC-1256	Rod Position Indication	Replace existing RPI cables with improved cable insulation (125°C) and construction
1EC-1258	480V Unit Substation Transformer	Add ventilation fans to unit substation transformers 1EP-460V and 1GP-460V
1ET-1270A	Circulating Water	Remove "seal-cure" turb installed in Unit 1 condenser for testing purpose
1EC-1275	#13 LP Turbine	L-5 & L-6 stationary blading
1EC-1277	#11, 12 & 13 LP Turbine	Replace L-3 & L-4 stationary blading

\* DESIGN CHANGE REQUEST  
8-1-7.R1

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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-1300	CVC	Remove the safety injection signal from valves 1CV139 and 1CV140 thereby keeping the valves open
1EC-1309	Circulating Water	Relocate the condensate pump low-low recirculating header
1EC-1314	Control Room Console	Cutouts for various design modifications to Control Room console
1EC-1316	Control Room Side Panel Arrangement	Provide cutouts for the addition of instruments and controls on a recorder panel
1EC-1321	Safety Injection	Replace motors on valves 11, 12, 13, 14 SJ54
1EC-1328	Prompt Notification	Addition of cable between Technical Support Center and Microwave Tower for communications link
1EC-1334	Chemical and Volume Control	Installation of pressure reducing orifice in discharge lines of C/SI pumps
1EC-1347	CVC	Change control valve stroke on 1CV075 to lift at 28 psig
1ET-1352	115 VAC System	Perform tests to determine cause of inadvertent failures of the vital instrument bus inverters
1EC-1372	SEC	Connect electronic filtering circuits at various locations within the SEC
1EX-1391	Turbine Bypass	Replace the internals of one steam dump valve
1EC-1404	Auxiliary Feedwater	Install pipe supports
1SC-0055	Turbine Generator	Install a cutout switch so that local alarm light will be illuminated

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8-1-7.R1

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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1SC-0174	Electrical	Install 440 volt, 3 phase, 100 amp electrical line
1SC-0226	Nuclear Instrumentation	Replace Moore SCT's M1 to M8 in Interface Rack #119
1SC-0242	Emergency Radio	Provide a 115V, 60HZ power supply feed to the emergency radio transmitter and controller coder from a vital instrument panel
1SC-0313	Service Water #11 Pump	Modify SW pump motors to allow filling of oil reservoirs. Extend spare thermocouple connections f/exciter bearing metal temperature which are located in exciter terminal in Gen. End Terminal Box
1SC-0315	Turbine	Extend spare thermocouple connection for exciter
1SC-0408	Steam Generator Foundations	Install railing and cross over bridge on both steam generator foundations
1SC-0438	Manipulator Crane	Change existing gripper operation to dual cylinder air to engage and disengage
1SC-0468A	Circulating Water	Install and design a new roof
1SC-0491	Condenser Air Removal	Pipe vacuum pump separator tank overflow to TGA sump via funnel
1SC-0525	Reactor Sump Pump	Install a separate device to operate the hi level alarm for the reactor sump pump
1SC-0595	Turbine Lube Oil Cooling	Replace 11 & 12 main turbine lube oil cooler inlet heads using fabricated 904-L material
1MD-0050	CRDM Ventilation	Install quick disconnects at duct work

\* DESIGN CHANGE REQUEST

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MAJOR PLANT MODIFICATIONS  
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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1OD-0028	Condenser Air Removal and Priming	Install suction P gage to check vacuum pump efficiency
1OD-0044	Circulator Motors	Install sample valves on upper motor bearing reservoir
1PD-0170	Control Room Air Conditioning	Replace Control Room intake duct isolation switches
1SS-0001A	Fire Protection	Installation of wet pipe sprinkler

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8-1-7.R1



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*DCR NO.	10CFR50.59	SAFETY EVALUATION
1EC-0551	The intent of the design change is to provide expanded and more reliable information for operator surveillance. There is not a functional change to system operation.	
1EC-0588	This change increases plant fire safety by preventing the spread of fire between floors. It does not present an unreviewed safety question.	
1EC-0700	Addition surge protection equipment to protect meteorological system process equipment per this design change request will improve the availability of the system without changing any of its functions.	
1EC-0731	The design change is limited to attempting to assure the accuracy of of an existing system. The system logic and functional operation remains the same.	
1EC-0878	The addition of break flanges in the service water piping does not alter the original concept of the piping system in any way. An unreviewed safety question is not involved.	
1EC-0880	No unreviewed safety question is involved, as this change requires only that different size flange be installed.	
1EC-0919A	The addition of pressure taps to the turbine gland sealing steam and leakoff lines and removal of flow orifices from the supply header does not alter the original design concept of the system in any way.	
1EC-0958	This change does not alter the function of safety related systems. It provides a method to regain control over the safeguard equipment control system should the SSPS fail to reset following a safety injection.	
1ET-1026	The modifications to this system do not affect presently performed safety analyses nor do they create any new hazards.	
1EC-1065	The design change is being innovated to improve the system reliability. There is no functional change, therefore, an unreviewed safety question is not involved.	
1EC-1089	The design change involves a direct replacement of existing equipment. The system will not change functionally.	
1EC-1111	This modification does not affect the present safety analysis nor does it create any new hazards.	
1EC-1118	The change caused by this design change request enhances the present systems and structures provided to protect the plant safety features against fire.	

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*DCR NO.	10CFR50.59	SAFETY EVALUATION
1EC-1128	The design change improves system reliability, the logic and functional design of the system remains as is.	
1EC-1130	The design change improves system reliability; the logic and functional design of the system remains as is.	
1EC-1132	The design changes improves system reliability; the logic and functional design of the system remains as is.	
1EC-1134	This design change improves system reliability, the logic and functional design of the system remains as is.	
1EC-1204	This design change request improves the reliability of the diesel generator system, and does not alter or change either the functional requirements or the technical specifications.	
1EC-1213A	This change increases the predicted life of the pump shafts and in no way increase the probability of a shaft failure. In addition to this the margin of safety involved with a shaft failure is increased. This modification in no way involves an unreviewed safety question.	
1EC-1215	The reactor vessel head vent system is being installed in accordance with the requirements of NUREG 0737, Item II.B.1. An unreviewed safety question is not involved.	
1EC-1247	The installation of the radiant energy shields does not affect existing margin or analysis.	
1EC-1256	This change involves the replacement of all RPI cables with an improved cable. These cables are classified non-safety related. Therefore, an unreviewed safety question is not involved.	
1EC-1258	This design change request provides fans for the cooling of the LEP and LCP pressurizer heater transformers. This will not involve changes to the FSAR, technical specifications and no unreviewed safety question is involved.	
1ET-1270A	This design change involves the modification of a non-safety related system.	
1EC-1275	This design change involves the modification of a non-safety related system.	
1EC-1277	This design change involves the modifications of a non-safety related system.	
1EC-1300	Safety evaluation as per S-C-N600-MSE-088, R.O.	

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*DCR NO.	10CFR50.59	SAFETY EVALUATION
1EC-1309	This system does not affect presently performed safety analysis nor does it create any new hazards. This system is not safety related.	
1EC-1314	The scope of this design change does not raise any safety question and does not affect the safe shutdown of the reactor.	
1EC-1316	This change involves making cutouts and mounting of equipment and does not raise any safety question. This design change does not affect the safe shutdown of the reactor.	
1EC-1321	This change will not involve any change to FSAR, technical specifications and no unreviewed safety question is involved. The motor function remains the same.	
1EC-1328	The addition of a communications link between the Technical Support Center and the microwave control house does not affect any safety function, margin, or analysis.	
1EC-1334	This design change request calls for the installation of a pressure reducing of orifice in the discharge line of one or both of the centrifugal charging/safety injection pumps. This pressure drop will in no way degrade the charging/safety injection pumps operating capabilities or internal components and will not increase the chances of long term pump degradation.	
1EC-1347	This modification does not involve an unreviewed safety question.	
1ET-1352	This test involves monitoring of inverter circuits during certain events and will be performed with the inverter disconnected from the vital instrument bus. Since no changes will be made to the inverter or any system associated therewith, no unreviewed safety question is involved.	
1EX-1372	This design change request permits temporary connection of filtering circuitry to various locations within the SEC cabinet to determine its affect on the unwanted transients present in the equipment. Filter components will be entirely passive and will not affect the ability of the SEC to perform its intended function.	
1EX-1391	An unreviewed safety question is not involved as the change is a temporary hardware change for a non-vital system for experimental purposes.	
1EC-1404	Modification to pipe supports in the auxiliary feedwater system does not affect the technical specifications, FSAR or create any unreviewed safety question.	

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*DCR NO.	10CFR50.59	SAFETY EVALUATION
ISC-0055	This design change is not safety related and does not in anyway affect any safety related systems or the safe shutdown of the plant.	
ISC-0174	The installation of an electrical supply line will not change any plant process and will not change any plant discharge and therefore, will not change any existing plant impact.	
ISC-0226	This change does not modify function or affect reliability. This change improves accuracy of equipment.	
ISC-0242	This change provides an uninterruptible power source for the emergency radio transmitter to ensure the operation thereof, during an emergency.	
ISC-0313	The change in the upper bearing oil fill piping will not affect the operation of the motor. Therefore, this will not involve any change to FSAR, technical specifications and no unreviewed safety question is involved.	
ISC-0315	This design change is not safety related and does not in anyway affect any safety related systems or the safe shutdown of the plant.	
ISC-0408	The installation of a narrow walkway and handrail from one steam generator support to another is for the safety of maintenance workers during an outage. No unreviewed safety question is involved.	
ISC-0438	This change does not involve an unreviewed safety question.	
ISC-0468A	This design change involves modifications to a non-safety related system.	
ISC-0491	This design change involves modifications to a non-safety related system.	
ISC-0525	By adding a separate level switch for high level alarm, the possibility of the reactor sump overflowing will be reduced. This change enhances the system design and does not raise any safety question.	
ISC-0595	This design change involves modifications to a non-safety related system.	
IMD-0050	Providing of quick release mechanism for the CRD duckwork does not affect any presently performed safety analysis, nor does it create any new safety hazards.	
IOD-0028	This design change involves modifications to a non-safety related system.	

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*DCR NO.	10CFR50.59	SAFETY EVALUATION
10D-0044	This change affects a system which is not safety related.	
1PD-0170	This design change request will not affect the safety function of any system.	
1SS-001A	Addition of fire protection system for storage areas in the turbine building does not involve a change in the SAR or technical specifications.	

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0001

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
900759	M	VALVE, 16SW13	
		DESCRIPTION OF PROBLEM,	SURVEILLANCE TEST SHOWS CHECK VALVE LEAKS BACKWARDS.
		CORRECTIVE ACTION,	INSPECTED AND CLEANED VALVE. HEL70NA APPLIED TO FLANGE SURFACE.
902269	M	MOTOR, 11 SERVICE WTR PMP	
		DESCRIPTION OF PROBLEM,	REMOVE MOTOR FOR SHIPMENT TO INSTALL TITANIUM COOLER.
		CORRECTIVE ACTION,	REMOVED MOTOR, HAD COOLER INSTALLED, REINSTALLED MOTOR.
902272	M	VALVE, 13AF21	
		DESCRIPTION OF PROBLEM,	REPLACE VALVE INTERNALS.
		CORRECTIVE ACTION,	REPLACED STEM, CAGE AND PLUG.
902305	M	INVERTER, 1A VITAL INST.	
		DESCRIPTION OF PROBLEM,	WOULD NOT GO INTO SERVICE.
		CORRECTIVE ACTION,	REPLACED BAD START/RUN SWITCH.
907754	M	PUMP, 13 SERVICE WATER	
		DESCRIPTION OF PROBLEM,	PUMP BPG LINE LINE HAS LEAK BY FLEX HOSE.
		CORRECTIVE ACTION,	REPLACED PIPE NIPPLE FROM 90 DEGREE ELBOW TO FLEX LINE AND NIPPLE FROM FLEX LINE TO PUMP.

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0002

WORK OWNER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
907856	M	VALVE, 1CV68	
		DESCRIPTION OF PROBLEM,	VALVE WILL NOT OPERATE FROM CONTROL ROOM. PROBLEM APPEARS TO BE INTERNAL TO VALVE MOTOR(CLOSE CONTACTS SHUT WHEN CLOSE PR IS DEPRESSED).
		CORRECTIVE ACTION,	REMOVED MOTOR DUE TO INTERNAL WATER, MOTOR LEADS GROUNDED TO CASING. REMOVED WATER CONTAMINATED GREASE. LIMIT SWITCH LEADS STILL GROUNDED. REPLACED WITH 2PR2 MOTOR.
907845	M	PUMP, 12 RHR SHMP	
		DESCRIPTION OF PROBLEM,	PUMP WILL RUN ONLY WHEN START SWITCH IS HELD IN MANUAL.
		CORRECTIVE ACTION,	INSTALLED NEW PUMP AND MOTOR. OLD PUMP AND MOTOR IN HOT SHOP FOR REBUILDING.
937901	M	VALVE, 1WWR1	
		DESCRIPTION OF PROBLEM,	DURING PERFORMANCE OF SP0405V CAT C CHECK VALVES, 1WWR1 EITHER STUCK OPEN OR LEAKS THRU. VALVE X-RAY SHOWED VALVE CLOSED.
		CORRECTIVE ACTION,	REPLACED DISC, CLAPPER ARM SHAFT AND DISC NUT. DRILLED AND PINNED NUT TO DISC. VALVE FAILED M16 RETEST. FURTHER WORK TO BE DONE ON WD#902153.



SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0003

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
938935	M	HT EXCH, 12 S.T. PMP LUBE OIL	
		DESCRIPTION OF PROBLEM,	REPLACE EXISTING COOLER WITH NEW COOLER FOR PREVENTATIVE MAINTENANCE.
		CORRECTIVE ACTION,	REPLACED COOLER.
940156	M	CABLE 1 VHT72-BT	
		DESCRIPTION OF PROBLEM,	CABLE DAMAGED WHILE CHIPPING CONCRETE FLOOR FOR PNL 110 RELOCATION.
		CORRECTIVE ACTION,	CABLE REPLACED REFERENCE NCR224 DP916271 1EC0490 PKG 1, REV2 ODCN S170.
940756	M	VITAL CONTROL CBL 1R14X2-BT	
		DESCRIPTION OF PROBLEM,	REMOVE CABLE 1R14X2-BT FROM TRAY 1CA16 AND REPAIR INTO TRAY 1CA10 IAW DISPOSITION OF DR 040006. CABLE IN VIOLATION OF CABLE CONTROL MANUAL.
		CORRECTIVE ACTION,	WORK DONE PER CWP-MD-940756-1607.
940851	M	PUMP, 11 REACTOR COOLANT	
		DESCRIPTION OF PROBLEM,	INSPECT PUMP SEALS.
		CORRECTIVE ACTION,	REPLACED COMPLETE SEAL PACKAGE.
941881	M	VALVE, 1PK1	
		DESCRIPTION OF PROBLEM,	VALVE LEAKING THRU.
		CORRECTIVE ACTION,	REPLACED SPACER CAGE AND PLUG STEM CAGE ASSY. VERIFIED ACTUATOR IS NOT BOTTOMED OUT AND VALVE IS SEATED.

SUBMITTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0004

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
942143	M	12 MSTV SNIBBER	
		DESCRIPTION OF PROBLEM,	SNIBBER B HAS SEAL LEAK IDENTIFIED WHILE PERFORMING MTIP.
		CORRECTIVE ACTION,	CLEANED PISTON SHAFT TO BRIGHT CHROME. NO EVIDENCE OF SEAL LEAK. OIL ON SHAFT IS FROM ROSE LEAK DURING VALVE DISASSEMBLY.
942144	M	12&14 MSTV SNIBBERS	
		DESCRIPTION OF PROBLEM,	SHAFTS ARE DIRTY WITH A SEAL LEAK ON 12MSTV H SNIBBER. CLEAN AND REPAIR.
		CORRECTIVE ACTION,	CLEANED SHAFTS. NO EVIDENCE OF SEAL LEAK. OIL ON SHAFT FROM MSTV REPAIR.
942153	M	VALVE, 1W441	
		DESCRIPTION OF PROBLEM,	VALVE FAILED LEAK RATE TEST. GREATER THAN 2000SCCM LEAKAGE.
		CORRECTIVE ACTION,	GROUND STOPS OF ARM TO FLAPPER AND REINSTALLED. VALVE FAILED M16 RETEST. REWORK TO BE DONE UNDER WORKMT942157.
942157	M	VALVE, 1W441	
		DESCRIPTION OF PROBLEM,	VALVE FAILED LEAK RATE TEST FOR 2ND TIME. OPEN, INSPECT & REPAIR.
		CORRECTIVE ACTION,	OPENED VALVE, BONNET BOLTS NOT TIGHT. INSPECTED INTERNALS, NO INDICATED PROBLEM.

SUPPLIED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0005

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
942973	M	CONTAINMENT HANGER INSP.	DISASSEMBLED, REPLACED GASKET AND TIGHTENED BONNET BOLTS SECURELY. TEST SAT.
		DESCRIPTION OF PROBLEM,	INSPECT HANGERS PER MEIT INSTRUCTION.
		CORRECTIVE ACTION,	PERFORMED VISUAL INSPECTION OF REQUIRED HANGERS TAW ISI PLAN AND M17R. DATA PKG KEPT BY MEIT.
942974	M	AUX BLDG HANGER INSP	
		DESCRIPTION OF PROBLEM,	INSPECT HANGERS PER MEIT INSTRUCTION.
		CORRECTIVE ACTION,	PERFORMED VISUAL INSPECTION TAW ISI PLAN AND M17R. DATA PACKAGE KEPT BY MEIT. REF TDR M61R FOR HANGER 1P-11-SW-H-13.
942980	M	VALVES, VARIOUS	
		DESCRIPTION OF PROBLEM,	PERFORM TYPE B&C LEAK RATE TESTS.
		CORRECTIVE ACTION,	COMPLETED ALL B TESTS. ONLY THE VALVES THAT WERE WORKED RECEIVED C TESTS INCLUDING 16 POST LOCA VALVES. REPORTS SENT TO TDR BY MEIT.
942986	M	STEAM GENERATOR #11	
		DESCRIPTION OF PROBLEM,	PERFORM RT OF FEEDWATER NOZZLE WELDS.
		CORRECTIVE ACTION,	PERFORMED RADIOGRAPHY. ALL WELDS FOUND ACCEPTABLE. RADIOGRAPHS SENT TO TDR.

REPORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0004

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
942997	M	STEAM GENERATOR #12	
		DESCRIPTION OF PROBLEM,	PERFORM RT OF FEEDWATER NOZZLE WELDS.
		CORRECTIVE ACTION,	PERFORMED RADIOGRAPHY. ALL WELDS FOUND ACCEPTABLE. RADIOGRAPHS SENT TO TOP.
942998	M	STEAM GENERATOR #13	
		DESCRIPTION OF PROBLEM,	PERFORM RT OF FEEDWATER NOZZLE WELDS.
		CORRECTIVE ACTION,	PERFORMED RADIOGRAPHY. WELD ACCEPTABLE.
942999	M	STEAM GENERATOR #14	
		DESCRIPTION OF PROBLEM,	PERFORM RT OF FEEDWATER NOZZLE WELD.
		CORRECTIVE ACTION,	PERFORMED RADIOGRAPHY. ALL WELDS FOUND ACCEPTABLE. RADIOGRAPHS SENT TO TOP.
943008	M	RHR SYSTEM	
		DESCRIPTION OF PROBLEM,	PERFORM SERVICE PRESSURE LEAK EXAM ON RHR SYSTEM.
		CORRECTIVE ACTION,	LEAKAGE IDENTIFIED. WRITE WORK ORDERS MT942159 THRU MT942164 AS CORRECTIVE ACTION.
943557	M	PUMP, SERVICE WTD SPARE	
		DESCRIPTION OF PROBLEM,	REPAIR AS NECESSARY.
		CORRECTIVE ACTION,	INSTALLED NEW BEARING SLEAVE, BOWL WEAR RINGS AND IMPELLER WEAR RINGS.

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0007

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
943993	M	STEAM GENERATOR 1A	
		DESCRIPTION OF PROBLEM,	OPEN AND INSPECT 1AS/G SECONDARY. INSPECTION TO INCLUDE CUTTING WINDOW INTO UPPER DRAIN TROUGH.
		CORRECTIVE ACTION,	COMPLETED INSPECTION. OCP 1EC-1403 TO REMOVE A PORTION OF TUBE FOR ANALYSIS PERFORMED UNDER WORKORDER 915.
944089	M	VALVE, 1PR2	
		DESCRIPTION OF PROBLEM,	VALVE LEAKS THRU.
		CORRECTIVE ACTION,	INSTALLED NEW STEM AND CAGE ASSY. RESET STROKE AND TESTED VALVE SAT.
944545	M	EMERG CONTROL AIR COMP.	
		DESCRIPTION OF PROBLEM,	EDDY CURRENT HEAT EXCHANGER COOLERS WHICH USE SERVICE WATER.
		CORRECTIVE ACTION,	REMOVED INNER COOLER TUBE BUNDLE AND CLEANED. PLUGGED 14 TUBES. AFTERCOOLER NOT TESTED DUE TO INABILITY TO CLEAN TUBES IN PLACE.
947487	M	VALVE, 11S154	
		DESCRIPTION OF PROBLEM,	VALVE LEAKS THRU. CHECKED ELECTRICALLY DURING PREVIOUS OUTAGE.

REPORT BY  
DEPARTMENT, WORK ORDER NO. SAFETY RELATED EQUIPMENT WORK ORDER LOG

0000

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	CORRECTIVE ACTION,	EXPLANATION OF WORK PERFORMED
947402	M	PUMP, 13 REACTION COOLANT	DESCRIPTION OF PROBLEM,	INSTALLED NEW WEDGE. GROUND 1/4IN. CAMPER ON END OF STEM FOR WEDGE FIT. BLUE CHECKED WEDGE & TORQUED BOMMET NUTS TO 1000FTLBS.
945153	M	VALVE, 12CS2	CORRECTIVE ACTION,	DETERMINE REASON FOR LOW LEAKOFF FLOW FROM PRESENTLY 1.25GPM. REPLACED COMPLETE SEAL PACKAGE.
945166	M	VALVE, 11SW20	DESCRIPTION OF PROBLEM,	VALVE WON'T OPEN FULLY. REPAIRED WAS SMOKING AND MOTOR GOT VERY HOT.
945174	M	HT EXCH, 11 S.T. PUP LINE OIL	CORRECTIVE ACTION,	MERGED MOTOR, ALL PHASES ABOVE 500MERGM TO GROUND AND 2.2 OHMS PHASE TO PHASE. ADJUSTED LIMIT SWITCHES. VALVE REMOVED AND TESTED ON WD945194.
			DESCRIPTION OF PROBLEM,	MOTOR RUNS BUT VALVE DOES NOT MOVE.
			CORRECTIVE ACTION,	ACTUATOR LIMIT SWITCHES AND TORQUE SWITCH CHECKED SAT. CLEANED, LUBRICATED, REPAIRED AND REINSTALLED VALVE.
			DESCRIPTION OF PROBLEM,	COOLER DEVELOPED SERVICE WATER LEAK INTO LINE OIL.

NOTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0009

WORK  
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
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985190	M	VALVE, 12CV156	CORRECTIVE ACTION, REPLACED LEAKING COOLER WITH NEW COOLER.
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		DESCRIPTION OF PROBLEM,	VALVE APPEARS TO HAVE RUPTURED DIAPHRAM.
		CORRECTIVE ACTION,	INSTALLED NEW RUNNET.

985194	M	VALVE, 12C92	
		DESCRIPTION OF PROBLEM,	VALVE WILL NOT OPERATE. MOTOR TRIPS ON OVERLOAD.

		CORRECTIVE ACTION,	REPLACED MOTOR. M31 PERFORMED SAT.
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985225	M	BREAKER, 11 CS PUMP	
		DESCRIPTION OF PROBLEM,	SPRINGS WILL NOT CHARGE WHEN CONTROL POWER TURNED ON TO BREAKER.

		CORRECTIVE ACTION,	FOUND NC SWITCH IN OPEN POSITION. THIS SWITCH IS IN THE CLOSE PERMISSIVE CKT. REPLACED SWITCH AND TESTED SAT IN THE READY POSITION.
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985254	M	PUMP, 12 RHR SUMP	
		DESCRIPTION OF PROBLEM,	MOTOR KEEPS TRIPPING.

		CORRECTIVE ACTION,	500 OHM TO GROUND ON MOTOR. INSPECTED PUMP AND FOUND 1FT. OF MUD OVER PUMP. REMOVED, REBUILT, INSTALLED NEW BEARINGS AND RE-INSTALLED PUMP UNIT.
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985256	M	PUMP, 9X SUMP	
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REPORT BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0010

WORK  
ORDER  
NUMBER

DEPT

EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

DESCRIPTION OF PROBLEM,

PUMPS WILL NOT RUN. RKP IS ENERGIZED AND  
OVERLOADS CHECKED SAT. SUMP CONTAINS THREE  
INCHES OF WATER.

CORRECTIVE ACTION,

WIRE LOOSE IN JUNCTION BOX JS-7. CLEANED  
AND RELOADED WIRE. PUMP AND LEVEL DEVICE  
TESTED SAT.

985258

M

COMPRESSOR, 12 WASTE GAS

DESCRIPTION OF PROBLEM,

MOTOR SMOKING.

CORRECTIVE ACTION,

FOUND CAUSE TO BE IN THE TRIP CKT.

985264

M

DIESEL, 1C

DESCRIPTION OF PROBLEM,

LUBE OIL NOT MAINTAINING TEMPERATURE.  
POSSIBLE HEATER THERMOSTAT PROBLEM.

CORRECTIVE ACTION,

REPLACED HEATER OPERATION RELAY. REVERSED  
MOTOR DIRECTION & TAPED LEAD CONNECTION TO  
REMOVE 600 OHM GROUND. REPLACED FUSE AND  
6X RELAY FOR PRELUBE PUMP.

985273

M

VALVE 11551

DESCRIPTION OF PROBLEM,

VALVE HANDWHEEL AND STEM TURN BUT VALVE  
DOES NOT SHUT.

CORRECTIVE ACTION,

REPLACED VALVE.

985290

M

VALVE, 12CV108

SUPPLIED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0011

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	DESCRIPTION OF PROBLEM,	EXPLANATION OF WORK PERFORMED
			CORRECTIVE ACTION,	
985291	M	VALVE, 11CV162	VALVE LEAKS THROUGH DIAPHRAM WHEN VALVE IS OPERATED.	REPLACED DIAPHRAM.
			DESCRIPTION OF PROBLEM,	
			CORRECTIVE ACTION,	
985302	M	PUMP, 11 CHILLED WATER	VALVE LEAKS THROUGH DIAPHRAM AND SPRAYS HOT WATER WHEN OPERATED.	REPLACED DIAPHRAM AND BONNET.
			DESCRIPTION OF PROBLEM,	
			CORRECTIVE ACTION,	
985409	M	VALVE, 19S19	TAKE MOTOR AMPERAGE READINGS TO DETERMINE CAUSE OF OVERLOAD TRIPPING.	
			CORRECTIVE ACTION,	
			AMP READINGS, DISCHARGE VALVE WIDE OPEN, ABOUT 400GPM WERE 70-73 AMPS AT 300GPM 58-60 AMPS AT 150GPM 48-50 AMPS.	
989111	M	PUMP, 14 REACTOR COOLANT	VALVE IS STICKING. CHECKED WITH HANDSENDER AND VALVE TAKES 14PST TO LIFT.	
			CORRECTIVE ACTION,	
			BLUECHECKED AND INSTALLED NEW STEM ASSY.	
			DESCRIPTION OF PROBLEM,	
			INSPECT 14PCP SEAL PACKAGE. INDICATED PROBLEM WITH #2 SEAL BY SEAL LEAKOFF FLOW DECREASED RAPIDLY TO ZERO WITH ROOT LEVEL INCREASING AT 1X/MIN AND CONSOLE ALARM.	

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0012

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	INSTALLED COMPLETE NEW 1,2&3 SEALS.
989188	M	VALVE, 11RH17	
		DESCRIPTION OF PROBLEM,	MOTOR RUNS BUT VALVE DOES NOT MOVE.
		CORRECTIVE ACTION,	REPLACED OPERATOR ON VALVE AND PERFORMED M3L PROCEDURE.
989389	M	PUMP, 16 SERVICE WATER	
		DESCRIPTION OF PROBLEM,	STRAINER HAS 50PSIG D/P.
		CORRECTIVE ACTION,	INSTALLED CLEAN STRAINERS 3/13/82.
990303	M	SEC 1C	
		DESCRIPTION OF PROBLEM,	PANEL FAILED WHILE CONDUCTING SP(0)4.5.2.1.1A
		CORRECTIVE ACTION,	PERFORMED M3R AND CHANGED INPUT PCB CARD 1004 SLOT 27.
992238	M	VALVE, 14SM20	
		DESCRIPTION OF PROBLEM,	VALVE DOES NOT CLOSE COMPLETELY WITH LIMITORQUE. VALVE WILL CLOSE COMPLETELY BY HAND OPERATOR.
		CORRECTIVE ACTION,	RESET CLOSE LIMIT SO VALVE WILL CLOSE COMPLETELY WITH LIMITORQUE.
992260	M	DTES1, 1A	
		DESCRIPTION OF PROBLEM,	REPLACE BURNT WIRES IN EXCITER CABINET DUE TO OVERHEATING OF RESISTOR BANK.

QUOTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0013

WORK  
ORDER  
NUMBER

DEPT EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

CORRECTIVE ACTION,

REPLACED ALL BURNT WIRES AND RESISTORS IN  
FACITOR CIRCUIT.

003530 M PUMP, 16 SERVICE WATER

DESCRIPTION OF PROBLEM,

STRAINER HAS HIGH O/P.

CORRECTIVE ACTION,

INSTALLED CLEAN STRAINERS 2/23/82.

003553 M PUMP, 13 RAW SUMP

DESCRIPTION OF PROBLEM,

WITH HIGH SUMP LEVEL, PUMP WON'T START.  
WHEN OPERATOR ATTEMPTED TO RUN PUMP, IT  
KEPT TRIPPING.

CORRECTIVE ACTION,

INSTALLED NEW MOTOR AND NEW ID7756  
MAGNETROL. PUMP OPERATES SAT.

004808 M TANK, 12 HORTIC ACID STORAGE

DESCRIPTION OF PROBLEM,

HEATER UNIT LEAKING TO FLOOR.

CORRECTIVE ACTION,

REPLACED HEATER UNIT.

007878 P PRESSURIZED LEVEL CH3

DESCRIPTION OF PROBLEM,

CHANNEL APPEARS TO HAVE FAILED AT 20%.

CORRECTIVE ACTION,

REPLACED CP, C3, C6, C6&C7 IN ISOLATOR 1LM461

007891 P VALVE, 14MS149

DESCRIPTION OF PROBLEM,

VALVE RECEIVING OPEN SIGNAL FROM UNKNOWN  
SOURCE AND WILL NOT CLOSE.

CORRECTIVE ACTION,

OPEN SIGNAL COMING FROM STEAMLINE

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0014

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
907918	P	VALVE 19H20	ISOLATION, CLEARED ISOLATION, VALVE CLOSED
		DESCRIPTION OF PROBLEM,	ACTUATOR MOVES BUT VALVE STEM DOESN'T.
		CORRECTIVE ACTION,	VALVE TIGHT TO OPERATE. FOUND WOODRUFF KEY FOR VALVE ARM SHEARED AND VALVE ARM SLIPPING ON SHAFT. MAINT FREED VALVE. MACHINED NEW KEY SLOT IN VANE ARM AND REINSTALLED.
927642	P	VALVE, 11R429	
		DESCRIPTION OF PROBLEM,	VALVE WILL NOT OPERATE IN AUTO WITH PWR FLOW LESS THAN 2000GPM. OPERATES SAT IN MANUAL.
		CORRECTIVE ACTION,	NEW TRANSMITTER AND COMPARTOR INSTALLED PER DCR 1FC-1055. FUNCTIONALLY CHECKED SAT.
932770	P	DELTA I TARGET BAND	
		DESCRIPTION OF PROBLEM,	THE 900 CYCLE A UNIT 1 TARGET AXIAL FLUX DIFFERENCE SHOULD BE SET AT 0.0%.
		CORRECTIVE ACTION,	CALIBRATED AFD FOR 0.0%.
985092	P	VALVE, 1VC4	
		DESCRIPTION OF PROBLEM,	NO OPEN LIMIT. SUSPECT OPEN LIMIT SWITCH NOT MAKING UP.
		CORRECTIVE ACTION,	RENEWED SEALS IN BOTTOM RIGHT ACTUATOR CYLINDER. CLEANED AND LUBRICATED SOLENOID VALVE.

SUBMITTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0015

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
985272	D	VALVE, 1PS3	
		DESCRIPTION OF PROBLEM,	WHEN VALVE IS IN MANUAL & VALVE DEMAND IS INCREASED, WHICHEVER PZR PRESS CHANNEL IS IN CONTROL WILL ALSO INCREASE. ALSO VALVE DEMAND WILL ONLY DECREASE TO 20%.
		CORRECTIVE ACTION,	LEADS TO E/P AND VALVE HAVE BRITTLE INSULATION AND ARE GROUNDED. REPLACED INSULATION WITH HEAT SHRINK. REPLACED CONTROLLER 1PC455G AND RECALIBRATED.
985447	D	VALVE, 12MS7	
		DESCRIPTION OF PROBLEM,	REPLACE LEAKING ACTUATOR DIAPHRAM.
		CORRECTIVE ACTION,	REPLACED DIAPHRAM AND SET LIMIT SWITCHES.
985448	D	VALVE, 14MS10	
		DESCRIPTION OF PROBLEM,	REPLACE LEAKING ACTUATOR DIAPHRAM.
		CORRECTIVE ACTION,	REPLACED DIAPHRAM AND SET LIMIT SWITCHES.
985451	D	VALVE, 14MS7	
		DESCRIPTION OF PROBLEM,	REPLACE LEAKING ACTUATOR DIAPHRAM. FOUND WHILE STROKING VALVE.
		CORRECTIVE ACTION,	REPLACED DIAPHRAM & RESET LIMIT SWITCHES.
987596	D	STEAM GENERATOR #11	
		DESCRIPTION OF PROBLEM,	AFW FLOW TRANSMITTER DOES NOT TRANSMIT. WHEN AFW PUMP I/S, FLOW REMAINS AT ZERO.

SALES GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

WORK  
ORDER

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SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0017

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
993521	P	RHST LVL ALARM	CALIBRATION ZERO.
		DESCRIPTION OF PROBLEM,	OVERHEAD ALARM LTIF, ACTUAL LEVEL IS 33FT.
		CORRECTIVE ACTION,	NO ALARM CONDITION EXISTS WITHIN THE LVL <b>CKT</b> . FOUND LIFTED LEADS IN PACK 25. RECONNECTED AND VERIFIED ALARM CLEARED.
993810	P	RMS CH 1R11X12	
		DESCRIPTION OF PROBLEM,	PERFORM FUNCTIONALS TO PROVE OPERABILITY OF CONTAINMENT VENTILATION AND PURGE SYS.
		CORRECTIVE ACTION,	FUNCTIONALS SAT EXCEPT FOR 1VC4 WHICH WILL NOT OPEN. 1VC4 FIXED PER W09085092.
993831	P	RMS CH 1R12R	
		DESCRIPTION OF PROBLEM,	CHANNEL FOUND HIGH WHEN SOURCES USED TO CHECK CALIBRATION.
		CORRECTIVE ACTION,	FOUND DEFECTIVE POT ON DRAWER. REPLACED WITH SPARE DRAWER. REPLACED BAD POT AND CALIBRATED DRAWER.
994745	P	SOURCE RANGE CH M31	
		DESCRIPTION OF PROBLEM,	CHANNEL INDICATES ERRATIC SPIKING.
		CORRECTIVE ACTION,	INSTALLED NEW PREAMP. CLEANED M31 TRIAXIAL CONNECTORS.

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

001A

WORK  
ORDER

NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
994772	D	CONTROL RM VENT DAMPER 1CAAA	
		DESCRIPTION OF PROBLEM,	DAMPER HAS CHATTER WHEN OPERATED.
		CORRECTIVE ACTION,	FOUND POSITIONER SPRING DISCONNECTED. ADJUSTED LINKAGE FOR PROPER OPERATION.
994782	D	RMS CH 1RIA1R1A	
		DESCRIPTION OF PROBLEM,	1RIA READS ZERO, 1R1R SPKING.
		CORRECTIVE ACTION,	REPLACED ARB DETECTORS AND SET HIGH VOLTAGE. CAL CHECKED DETECTORS AND DRAWD.
994892	D	PRESSURIZER PRESSURE CH1	
		DESCRIPTION OF PROBLEM,	CONSOLE PRESSURE INDICATION OVER 600PSIG WITH ACTUAL PRESSURE LESS THAN 25PSIG.
		CORRECTIVE ACTION,	FOUND 1PM405A FAILED HIGH. REPLACED CAPACITORS C6,C7,C2AC3.

TOTAL LINES = 000782  
TOTAL A-RECS = 000077

LAST UPDATE  
#20402  
134142  
ENTER COMMANDS  
END OF RUN

ABRKPT PRINT\*

SALEM UNIT 1  
OPERATING SUMMARY REPORT  
MARCH 1982

Annual Refueling Outage

# REFUELING INFORMATION

DOCKET NO.: 50-272

UNIT: Salem No. 1

DATE: April 10, 1982

COMPLETED BY: L. K. Miller

TELEPHONE: 609-541-5900X507

MONTH: March 1982

1. Refueling information has changed from last month:

YES \_\_\_\_\_ NO X

2. Scheduled date of next refueling: October 16, 1982

3. Scheduled date for restart following refueling: December 26, 1982

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

NOT DETERMINED TO-DATE February 1982

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

If no, when is it scheduled? August 1982

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

September 1982 (If Required)

6. Important licensing considerations associated with refueling:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Number of Fuel Assemblies:

A. In-Core \_\_\_\_\_ 193

B. In Spent Fuel Storage \_\_\_\_\_ 160

8. Present licensed spent fuel storage capacity: \_\_\_\_\_ 1170

Future spent fuel storage capacity: \_\_\_\_\_ 1170

9. Date of last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: September 1996