

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272
UNIT Salem #1
DATE December 10, 1979
COMPLETED BY L. K. Miller
TELEPHONE 609-365-7000 X507

MONTH November 1979

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	- - -

OPERATING DATA REPORT

DOCKET NO.: 50-272

DATE: December 10, 1979

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OPERATING STATUS

1. Unit Name: Salem #1
2. Reporting Period: November, 1979
3. Licensed Thermal Power (Mwt): 3338
4. Nameplate Rating (Gross MWe): 1135
5. Design Electrical Rating (Net MWe): 1090
6. Maximum Dependable Capacity (Gross MWe): 1124
7. Maximum Dependable Capacity (Net MWe): 1079

Notes:

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason:
NONE

9. Power Level To Which Restricted, If Any (Net MWe): NONE

10. Reasons For Restrictions, If Any: NONE

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	720	8,016	21,217
12. Number Of Hours Reactor Was Critical	0	2,184.5	9,841.1
13. Reactor Reserve Shutdown Hours	0	22.7	22.7
14. Hours Generator On-Line	0	2,161.3	9,459.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	6,482,491	27,467,227
17. Gross Electrical Energy Generated (MWH)	0	2,181,770	9,154,580
18. Net Electrical Energy Generated (MWH)	(13829)	2,044,871	8,631,851
19. Unit Service Factor	0	27.0	44.6
20. Unit Availability Factor	0	27.0	44.6
21. Unit Capacity Factor (Using MDC Net)	0	23.6	37.7
22. Unit Capacity Factor (Using DER Net)	0	23.4	37.3
23. Unit Forced Outage Rate	100	56.6	42.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
NONE

25. If Shut Down At End of Report Period, Estimated Date of Startup: 12/22/79

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

	Forecast	Achieved
INITIAL CRITICALITY	9/30/76	12/11/76
INITIAL ELECTRICITY	11/1/76	12/25/76
COMMERCIAL OPERATION	12/20/76	6/20/77

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1979

DOCKET NO.: 50-272

UNIT NAME: Salem #1

DATE: December 10, 1979

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NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR	LICENSE EVENT REPORT #	SYSTEM CODE ⁴	COMPONENT CODE ⁵	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
79-197	8/31/79	F	720	D	4B	- - -	SH	PIPEXX	Modification to Seismic Hangers and Anchor Bolts.

¹
F: Forced
S: Scheduled

²
Reason:
 A-Equipment Failure(Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error(Explain)
 H-Other (Explain)

³
Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

A. Load Reduction
 B. Continuation of Previous Outage

⁴
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report(LER) File (NUREG-0161)

⁵
Exhibit I-Same Source

MAJOR PLANT MODIFICATIONS
 REPORT MONTH November 1979

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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1ED-0333	Generator Protection	Setpoint Change
1EC-0392	Diesel Generators	Add SEC Interlock to Manual Trip
1ET-0433	Safety Injection	Retest/Reset Injection Flows
1EC-0441	Circulating Water	Install Condenser Gage Glasses
1EC-0453	Containment	Install Protective Basket on 1VC15
1EC-0464	Diesel Generators	Modify Breaker Failure Trip
1EC-0484	Main Turbine	Modify Bearings
1EC-0519-14	Service Water	Replace No. 14 S.W. Pump Motor Cooler
1EC-0537	Containment Isolation	Modify Control Circuit on 1PR14 and 1WL12
1EC-0616	Main Turbine	Counterbore Coupling Bolts
1EC-0667	Reactor Protection	Reset SGWL Low Level Trip Setpoints
1EC-0673	RHR	Install New Flow Orifices
1MD-0106	Containment	Modify Penetrations No. 19 and 20 Test Connections
1SC-0009	Sampling System	Install LRT Test Connections at 1SS107 and 110
1SC-0023	Main Turbine	Reblade LP Turbine L-3 Rows
1SC-0035	Main Turbine Lube Oil	Modify Oil Lift Pump Controls

MAJOR PLANT MODIFICATIONS

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*DCR NO.	10CFR50.59 SAFETY EVALUATION
1ED-0333	Safety related equipment will not be affected and the Tech. Specs. are not involved. This change will provide better generator protection and the safety margin is improved.
1EC-0392	This change will increase the margin of safety operation and satisfy FSAR requirements.
1ET-0433	This is a retest of charging/safety injection pump #11 & #12 to establish hydraulic performance at runout conditions. The definition of USQ is not applicable.
1EC-0441	This change affects a system which is not safety related. Incorporation of this change will not affect any safety related systems.
1EC-0453	The subject change does not affect any presently performed safety analysis nor does it create any new safety hazards.
1EC-0464	Licensing condition for Unit #2, backfit item for Unit #1 required by NRC Branch Technical Position. This change increases the availability of the diesel generators during emergency conditions, thereby increasing the margin of plant safety.
1EC-0484	This design change does not affect any presently performed safety analysis nor does it create any new hazards. The basis of the Tech. Specs are not affected.
1EC-0519-14	This change does not impair safety function, decrease safety margin or jeopardize safety analysis. These changes are being made to minimize motor cooler maintenance.
1EC-0537	Logic change complies with NRC question regarding safeguards to prevent the inadvertent transfer of radioactive liquid from the containment.
1EC-0616	This design change will not require a change to the Tech. Specs or FSAR. The drilling of holes in the coupling boots for injection of liquid nitrogen for bolt shrinkage does not present an USQ. Neither the equipment being modified nor the surrounding equipment is safety related. The modification will improve maintenance of turbine rotors.
1EC-0667	A USQ is not involved since a setpoint change is being made to maintain the margin dictated by the safety analysis. In addition, there is neither a system functional nor logic modification. The change is part of the corrective action to a potential deficiency reported by Westinghouse to the NRC.
1EC-0673	The change does not alter the operation of the unit nor does it affect any safety related functions or create any new safety hazards. Correction assures proper system operation.

MAJOR PLANT MODIFICATIONS
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*DCR NO.	10CFR50.59	SAFETY EVALUATION
1MD-0106		This design change does not affect any presently performed safety analyses nor does it create any new safety hazards. The basis of the Tech. Specs. are not affected.
1SC-0009		This design change is not safety related and does not in any way affect any safety related systems or the safe shutdown of the unit.
1SC-0023		This design change does not affect any presently performed safety analysis nor does it create any new safety hazards. The basis of the Tech. Specs. are not affected.
1SC-0035		This change establishes a sequence of operation for the Aux. Bearing Oil Pump and Hyd. Lift Pump. No Technical Specification is affected and no additional safety analyses need be performed. It is not safety related.

SUMMARY OF SAFETY RELATED MAINTENANCE
 MAINTENANCE DEPARTMENT
 REPORT MONTH: NOVEMBER, 1979

DOCKET NUMBER 50-272
 SALEM UNIT 1
 DECEMBER 10, 1979

COMPLETED BY: L. K. MILLER
 TELEPHONE NUMBER: 609-385-7000 SALEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
MD2937	081879	110879	PENETRATIONS, ELECTRICAL CONTAINMENT WALL	REPLACE NITROGEN GAS, BRING TO REQUIRED PRESSURE.	RECHARGED PENETRATIONS.
901668	041979	091379	MOTOR, 14 SERVICE WATER PUMP	REMOVE MOTOR, SHIP OUT FOR REPAIR AND REINSTALL UPON RETURN. MOTOR FAILED.	REMOVED, SHIPPED, REINSTALLED.
902893	051279	101179	VALVE OPERATOR, 11CS036	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE 28 AS PER NRC NOTICE 79-03.	REPLACED GREASE.
904705	031679	103179	PIPE, 11 COMPONENT COOLER HEAT EXCHANGER SERVICE WATER SPOOL PIECE	REPLACE STUDS, NUTS.	REPLACED STUDS, NUTS.
905406	092579	100479	PENETRATION, 19 ELECTRICAL CONTAINMENT WALL	RETEST FOR TYPE C LEAK RATE TEST. REQUIRED TO CLOSE OUT THE REQUIREMENTS FOR TYPE A LEAK RATE TESTING.	COMPLETED LEAK RATE TESTING.
905457	073079	091879	VALVE OPERATOR, 11SW00B	REPAIR OPERATOR.	REPAIRED OPERATOR.
906117	071079	072579	INCREASER, 11 CHARGING PUMP SPEED	INSPECT, CLEAN SPEED INCREASER AS PART OF ROUTINE MAINTENANCE.	CLEANED, INSPECTED, CHANGED OIL.
907467	100379	102079	VALVE, 10CV090	REPAIR FAILED LINE TO VALVE WELD.	REPAIRED WELDED JOINT.
911836	101179	102979	VALVE, 10CV057	DRIVE PIN IN REACH ROD UNIVERSAL IS SHEARED.	REPLACED SHEAR PIN.
911846	101279	102779	VALVE, 11SW065	PACKING LEAKS.	REPACKED VALVE.
913715	102479	102479	DIESEL, 1A EMERGENCY GENERATOR	FUEL OIL CHECK VALVE LEAKS AT THREADS.	PLACED PIPE DRESSING ON THREADS.
913720	102579	103079	VALVE, 12MS168	BONNET GASKET LEAKS. BURRS ON BODY, BONNET SURFACES.	REMOVED BURRS, REPLACED GASKET.
913725	102579	102679	DIESEL, 1 FIRE PUMP	FLEX LINE TO COOLING WATER RESIVOIR LEAKING. FATIGUE FAILURE.	REPLACED FLEX LINE.
913727	102679	102879	VALVE, 10DA068A	LEAK ON UPSTREAM SIDE. UPSTREAM NIPPLE CONNECTION BROKEN.	REPLACED NIPPLE.
913757	102979	103179	PUMP, 13 AUXILIARY FEED	INBOARD PUMP BEARING OIL GLOBE LEAKS. OIL FEED RATE OUT OF ADJUSTMENT.	ADJUSTED INBOARD OILER FEED RATE.
913770	103179	110879	FILTER, 13 CONTAINMENT FAN COIL UNIT	REPLACE DIRTY FILTERS.	REPLACED FILTERS.
913775	103179	110979	FILTER, 12 FUEL HANDLING BUILDING EXHAUST	REPLACE ROUGHING FILTERS.	REPLACED DIRTY FILTERS.

SUMMARY OF SAFETY RELATED MAINTENANCE
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 REPORT MONTH: NOVEMBER, 1979

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 SALEM UNIT 1
 DECEMBER 10, 1979

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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
913808	110179	110979	DAMPER, CAA19 (CONTROL ROOM VENTILATION SYSTEM)	DAMPER DOES NOT OPERATE. DAMPER CAA04 IS BINDING.	FREED, LUBRICATED DAMPER CAA04.
913808	110179	110979	DAMPER, CAA04 (CONTROL ROOM VENTILATION SYSTEM)	DAMPER DOES NOT OPERATE. DAMPER CAA04 IS BINDING.	FREED, LUBRICATED DAMPER CAA04.
913808	110179	110979	DAMPER, CAA05 (CONTROL ROOM VENTILATION SYSTEM)	DAMPER DOES NOT OPERATE. DAMPER CAA04 IS BINDING.	FREED, LUBRICATED DAMPER CAA04.
913821	110279	110479	FILTER, 12 SEAL WATER INJECTION	FILTER HEAD GASKET LEAKS. O RING PINCHED.	REPOSITIONED O RING.
913827	110579	110579	VALVE OPERATOR, 12DF117	HOLE IN CONTROL AIR SUPPLY TUBING. HOLE BURNT DURING WELDING.	REPLACED DAMAGED TUBING.
914151	092879	101879	VALVE, 15SW265	BONNET GASKET LEAKS.	REPLACED GASKET.
914235	102479	110679	PUMP, 12 SAFETY INJECTION	REPAIR. CHECK VALVE LEAKED THRU, PUMP ROTATED BACKWARDS.	REPLACED PUMP INTERNALS.
914240	102479	102779	TRACE, CIRCUIT 306A VITAL HEAT	CIRCUIT BURNT OFF PIPE.	REPAIRED BURNT HEAT TRACE.
914240	102479	102779	TRACE, CIRCUIT 306B VITAL HEAT.	CIRCUIT BURNT OFF PIPE.	REPAIRED BURNT HEAT TRACE.
914242	102679	102979	VALVE, 11SJ033	PACKING LEAKS.	REPACKED VALVE.
914293	110879	110979	FILTER, 11 CONTAINMENT FAN COIL ROUGHING FILTER	REPLACE DIRTY FILTER.	REPLACED FILTER.
914301	111179	111179	PIPE, WASTE DISPOSAL PIPING	BLEND OUT ARC STRIKE. ARC STRIKE POSSIBLY SETS UP STRESS POINTS.	BLENDDED OUT ARC STRIKE.
914302	111179	111179	PIPE, CHEMICAL VOLUME CONTROL	BLEND OUT ARC STRIKE. ARC STRIKE POSSIBLY SETS UP STRESS POINTS.	BLENDDED OUT ARC STRIKE.
914310	110979	111179	VALVE, 10VC005	INSPECT VALVE. PREVENTATIVE MAINTENANCE.	REPLACED RUBBER LINER, REMOVED BURRS ON VALVE STEM.
914315	111079	111079	PIPE, SAFETY INJECTION	BLEND OUT ARC STRIKE. ARC STRIKE POSSIBLY SETS UP STRESS POINTS.	BLENDDED OUT ARC STRIKE.
914317	111079	111179	PIPE, AUXILIARY FEEDWATER	BLEND OUT MINOR GOUGES. GOUGES POSSIBLY SET UP STRESS POINTS.	BLENDDED OUT GOUGES.
914318	111079	111179	PIPE, AUXILIARY FEEDWATER	BLEND OUT MINOR GOUGES. GOUGES POSSIBLY SET UP STRESS POINTS.	BLENDDED OUT GOUGES.
914319	111079	111179	PIPE, AUXILIARY FEEDWATER	BLEND OUT MINOR GOUGES. GOUGES POSSIBLY SET UP STRESS POINTS.	BLENDDED OUT GOUGES.
914324	111179	111179	TANK, 1 CONTAINMENT SPRAY ADDITIVE	BLEND OUT ARC STRIKE. ARC STRIKE POSSIBLY SETS UP STRESS POINTS.	BLENDDED OUT ARC STRIKE.

SUMMARY OF SAFETY RELATED MAINTENANCE
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
914326	111179	111179	PIPE, CHEMICAL VOLUME CONTROL	BLEND OUT ARC STRIKE. ARC STRIKE POSSIBLY SETS UP STRESS POINTS.	BLEND OUT ARC STRIKE.
914347	111579	111979	VALVE, 12MS009	PACKING LEAKS.	REPACKED VALVE.
914348	111779	111779	VALVE, 14MS009	PACKING LEAKS.	REPACKED VALVE.
915313	112079	112079	INSTRUMENT, 1FIC940 (BORON INJECTION TANK RECIRCULATION FLOW TRANSMITTER)	UNPLUG BORIC ACID. HEAT TRACING FAILED.	UNPLUGGED FLOW-ROTOMETER.
915313	112079	112079	HEAT TRACE, CABLE 609 BORON INJECTION TANK RECIRCULATION LINE	REPAIR FAILED HEAT TRACING.	REPAIRED HEAT TRACING.
915380	101479	102379	VALVE, 12CS005	LEAKS THRU SEAT. RELIEF TENSION TOO LOW.	INCREASED RELIEF LIFTING TENSION.
915385	102279	102279	COMPRESSOR, 12 WASTE GAS	NOISEY. COMPRESSOR INTERNALS WORN.	REBUILT COMPRESSOR.
915438	101979	103079	VALVE, 12CV162	STEM IS BROKEN. BONNET INTERNALS DAMAGED.	REPLACED WHOLE BONNET ASSEMBLY.
915474	102279	110379	FILTER, 12 SEAL WATER INJECTION	HIGH DIFFERENTIAL PRESSURE. FILTER DIRTY.	REPLACED FILTER.
915477	102779	102679	FILTER, BORIC ACID FILTER	REPLACE DIRTY FILTER.	REPLACED FILTER.
915480	102279	102579	TANK, 1 CHEMICAL VOLUME CONTROL	MANWAY IS LEAKING. BOLTS NOT SNUGGED UP.	TIGHTENED UP ON MANWAY BOLTS.
915501	101879	110379	INSTRUMENT, INCORE SYSTEM	CLEAN ALL FLUX THIMBLE TUBES. ROUTINE MAINTENANCE.	CLEANING COMPLETED.
915697	110279	110779	PIPE, 1B DIESEL STARTING AIR	REPAIR DRYER OUTLET PIPE.	REPLACED BROKEN PIPE.
916070	100579	100879	COVER, 45 EL SAFETY INJECTION VALVE ROOM	REPLACE GASKET.	REPLACED GASKET.
917353	110379	110679	PIPE, SAFETY INJECTION	FLANGE LEAK AT FLOW ORIFICE 1FE918. GASKET FAILED.	REPLACED FLANGE GASKETS.
917375	110479	110579	VALVE, 12DA011B	REPLACE FAILED DIAPHRAGM.	REPLACED VALVE.
917393	110879	110979	PUMP, 13 COMPONENT COOLING PUMP	REPAIR WORN OUTBOARD BEARING.	REPLACED BEARING, SEAL.
917394	110879	111479	COOLER, 1 AUXILIARY FEEDWATER PUMP ROOM	REPAIR LEAKS. OLD TUBE PLUG FAILED.	REPLACED OLD TUBE PLUG, HYDROED.
917453	110679	110779	SUMP, CONTAINMENT	CLEAN DIRTY SUMP.	CLEANED SUMP.
917489	110979	112179	BREAKER, 15 SERVICE WATER PUMP STRAINER MOTOR 460VAC	BREAKER WILL NOT CLOSE. BREAKER DOOR LATCH HANDLE INTERLOCK, BREAKER HANDLE ARE OUT OF ADJUSTMENT.	ADJUSTED BREAKER DOOR HANDLE INTERLOCK, BREAKER HANDLE LATCH.
917517	111279	111279	INSTRUMENT, PD9863-1 (1 PRESSURIZER PRESSURE SWITCH)	REPAIR, REPLACE BROKEN SEAL TIGHT CONDUIT.	REPAIRED SEAL TIGHT CONDUIT.

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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
917518	111279	111279	INSTRUMENT, PD9862-1 (1 PRESSURIZER PRESSURE SWITCH)	SECURE PRESSURE SWITCH. SWITCH LEFT UNSUPPORTED.	REINSTALLED SWITCH IN SECURED FASHION.
917519	111279	111279	INSTRUMENT, PD9859-1 (1 PRESSURIZER PRESSURE SWITCH)	SECURE PRESSURE SWITCH, CONNECT ELECTRICALLY. INSTALLATION INCOMPLETE.	FINISHED INCOMPLETE INSTALLATION.
917539	111479	111479	VALVE, 11MS178	VALVE BONNET LEAKS. GASKET FAILED, BONNET SURFACE STEAM CUT.	WELD REPAIRED, REFACED GASKET SURFACE. REPLACED GASKET.
917540	111679	111679	VALVE, 11MS008	PACKING LEAKS.	REPACKED VALVE.
917541	111979	111979	VALVE, 12MS008	PACKING LEAKS.	REPACKED VALVE.
917574	101579	111679	VALVE, 14RC017	PACKING LEAKS.	REPACKED VALVE.
917577	111679	111679	VALVE, 14RC020	PACKING LEAKS.	REPACKED VALVE.
917591	111779	111779	SUMP, RESIDUAL HEAT REMOVAL	CLEAN DIRTY SUMP.	CLEANED OUT SUMP.
917593	111879	111979	PUMP, 13 AUXILIARY FEED	INBOARD BEARING OIL FILL BOWL FALLS OVER. CONNECTING PIPE CONNECTION LOOSE.	TIGHTENED PIPING.
918129	081879	082079	PUMP, 11 CONTAINMENT SUMP	REPLACE DAMAGED MANUAL CONTROL SWITCH.	REPLACED SWITCH.
918182	082379	091479	VALVE, 13AF115	LEAKS THRU SEAT.	CAPPED DISCHARGE PIPE NIPPLE.
919106	110579	111479	VALVE, 10SJ908	UNPLUG SOLIDIFIED BORIC ACID.	REMOVED SOLIDIFIED BORIC ACID.
919106	110579	111479	VALVE, 10SJ278	UNPLUG SOLIDIFIED BORIC ACID.	REMOVED SOLIDIFIED BORIC ACID.
919106	110579	111479	VALVE, 10SJ277	UNPLUG SOLIDIFIED BORIC ACID.	REMOVED SOLIDIFIED BORIC ACID.
919351	111879	112079	PIPING, BORIC ACID EVAPORATOR	REPAIR FLANGE LEAK BY RUPTURE DISC. STUD BOLTS LOOSE.	TIGHTENED STUD BOLTS.
919367	112279	112479	VALVE, 11CC003	PACKING LEAKS.	TIGHTENED PACKING.
919612	111579	112079	PRESSURIZER, 1 REACTOR COOLANT SYSTEM	MANWAY LEAKS. GASKET FAILED.	REPLACED GASKET.
919638	111679	111779	VALVE, 11MS173	PACKING LEAKS.	REPACKED VALVE.
919639	111679	111879	VALVE, 11MS174	PACKING LEAKS.	REPACKED VALVE.
919640	111679	111779	VALVE, 11MS006	PACKING LEAKS.	REPACKED VALVE.
919641	111679	111879	VALVE, 13MS174	PACKING LEAKS.	REPACKED VALVE.
919642	111679	111779	VALVE, 13MS176	PACKING LEAKS.	REPACKED VALVE.
919643	111679	111779	VALVE, 11MS173	PACKING LEAKS.	REPACKED VALVE.

SUMMARY OF SAFETY RELATED MAINTENANCE
MAINTENANCE DEPARTMENT
REPORT MONTH: NOVEMBER, 1979

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SALEM UNIT 1
DECEMBER 10, 1979

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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
919644	111679	112079	VALVE, 13MS006	PACKING LEAKS.	REPACKED VALVE.
919645	111679	111879	VALVE, 10MS199	PACKING LEAKS.	REPACKED VALVE.
919647	111679	111779	VALVE, 13MS008	PACKING LEAKS.	REPACKED VALVE.
919648	111679	111779	VALVE, 13MS131	PACKING LEAKS.	REPACKED VALVE.
919663	111679	111879	VALVE, 12MS006	PACKING LEAKS.	REPACKED VALVE.
919669	111679	111879	VALVE, 14MS175	PACKING LEAKS.	REPACKED VALVE.
919672	111679	111879	VALVE, 14MS146	PACKING LEAKS.	REPACKED VALVE.
919674	111679	111779	VALVE, 12MS168	PACKING LEAKS.	REPACKED VALVE.
919680	111679	111779	VALVE, 12MS130	PACKING LEAKS.	REPACKED VALVE.
919686	111679	111779	VALVE, 14MS174	PACKING LEAKS.	REPACKED VALVE.
919687	111679	111879	VALVE, 12MS131	PACKING LEAKS.	REPACKED VALVE.
919688	111679	111779	VALVE, 14MS168	PACKING LEAKS.	REPACKED VALVE.
919696	111879	112079	VALVE, 10PR008	PACKING LEAKS.	REPACKED VALVE.
919697	111879	112079	VALVE, 10PS010	PACKING LEAKS.	REPACKED VALVE.
919726	112479	112479	VALVE, 13RC018	PACKING LEAKS.	REPACKED VALVE.

SUMMARY OF SAFETY RELATED MAINTENANCE
 PERFORMANCE DEPARTMENT
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DOCKET NUMBER 50-272
 SALEM UNIT J
 DECEMBER 10, 1979

COMPLETED BY: L. K. MILLER
 TELEPHONE NUMBER: 609-365-7000 SALEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
900254	120678	091479	INSTRUMENT, 1LT459D (1 PRESSURIZER LEVEL TRANSMITTER)	PRESSURIZER LEVEL SLOWLY OSCILLATES AROUND SETPOINT. TWO CAPACITORS FAILED.	REPLACED FAILED CAPACITORS.
913794	103179	110979	INSTRUMENT, FA3166-1 (12 CONTAINMENT FAN COIL UNIT SERVICE WATER INLET FLOW TRANSMITTER)	INDICATES 2400 GPM FLOW, SHOULD BE 750 GPM. TRANSMITTER FORCE MOTOR FAILED.	REPLACED FORCE MOTOR, CALIBRATED.
913824	110279	110379	VALVE OPERATOR, 135J058	LOCAL VALVE POSITION INDICATOR, CONSOLE POSITION INDICATION DISAGREE. LOCAL INDICATOR OUT OF ADJUSTMENT.	ADJUSTED LOCAL POSITION INDICATOR.
913823	110279	110379	VALVE OPERATOR, 135J057	LOCAL VALVE POSITION INDICATOR, CONSOLE POSITION INDICATION DISAGREE. LOCAL INDICATOR OUT OF ADJUSTMENT.	ADJUSTED LOCAL POSITION INDICATOR.
915210	102779	102779	INSTRUMENT, IPC0472	ALARM UP AT 3 PSIG INSTEAD OF DESIGN 10 PSIG. A TRANSISTOR, TWO CAPACITORS FAILED.	REPLACED PRINTED CIRCUIT BOARD.
915215	111479	111779	ANNUNCIATOR, D35 REFUELING WATER STORAGE TANK HI LEVEL ALARM	ALARM UP. SETPOINT OUT OF ADJUSTMENT.	CALIBRATED ALARM SETPOINT.
915290	102479	102579	VALVE OPERATOR, 13MC032	STROKE VALVE. VALVE NOT SEATING PROPERLY.	STROKED, ADJUSTED STEM TRAVEL.
915294	111179	111179	VALVE, 11MS169	VALVE BONNET LEAKS. BODY/BONNET BOLTS NOT SNUGGED.	SNUGGED VALVE BODY/BONNET BOLTS.
915381	101479	101879	INSTRUMENT, PRESSURIZER OVERPRESSURE PROTECTION SYSTEM REACTOR COOLANT SYSTEM CHANNEL 1 TEMPERATURE	CONSOLE INDICATION PEGGED HIGH. RESISTIVE THERMAL DETECTOR FAILED.	REPLACED RESISTIVE THERMAL DETECTOR.
915475	102279	102679	INSTRUMENT, RADIATION MONITORING SYSTEM AIR PARTICULATE DETECTOR UNIT	FILTER TROUBLE ALARM UP. REGULATOR DRIVE	REPLACED REGULATOR DRIVE MOTOR.
915611	110879	110879	INSTRUMENT, 1FT513 (11 STEAM GENERATOR STEAM FLOW CHANNEL 2)	MODULE 1FM513B FOUND OUT OF SPECIFICATION.	CALIBRATED MODULE 1FM513B.
915733	111479	111479	TUBING, 14 STEAM GENERATOR STEAM FLOW	TUBE FITTINGS IN PANEL 455-1G LEAKING. TUBE FITTINGS ARE ALL LOOSE.	TIGHTENED ALL FITTING CONNECTIONS.
915734	111479	111579	VALVE, 11MS010	LEAKS THRU SEAT. STEM TOO SHORT.	ELONGATED STEM.
915747	102979	102979	TUBING, 1FT540 SENSING	FILL SENSING LINE. LINE HAD BEEN DRAINED.	FILLED AND VENTED SENSING LINE.
915817	100579	110779	INSTRUMENT, 1LT934C(SAFETY INJECTION SYSTEM)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.

SUMMARY OF SAFETY RELATED MAINTENANCE
 PERFORMANCE DEPARTMENT
 REPORT MONTH: NOVEMBER, 1979

DOCKET NUMBER 50-272
 SALEM UNIT 1
 DECEMBER 10, 1979

COMPLETED BY: L. K. MILLER
 TELEPHONE NUMBER: 609-365-7000 SALEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
915817	100579	110779	INSTRUMENT, 1LT935A(SAFETY INJECTION SYSTEM)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915817	100579	110779	INSTRUMENT, 1LT934D(SAFETY INJECTION SYSTEM)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915817	100579	110779	INSTRUMENT, 1PT936A(SAFETY INJECTION SYSTEM)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915817	100579	110779	INSTRUMENT, 1PT923(SAFETY INJECTION SYSTEM)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915830	102579	103079	INSTRUMENT, FA1038-1(12 AUXILIARY FEEDWATER PUMP FLOW TRANSMITTER)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915830	102579	103079	INSTRUMENT, FA1037-1 FEEDWATER PUMP FLOW TRANSMITTER)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915830	102579	103079	INSTRUMENT, FD6130-1 FEEDWATER PUMP FLOW SWITCH)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915830	102579	103079	INSTRUMENT, FD6127-1 FEEDWATER PUMP FLOW SWITCH)	CALIBRATE. LAST CALIBRATION USED OUT OF CAL TEST EQUIPMENT.	CALIBRATED.
915844	110779	110779	VALVE OPERATOR, 145W065	CONTROL AIR SUPPLY SOLENOID VALVE BLOWING. DIAPHRAGM FAILED.	REPLACED SOLENOID VALVE.
917352	110379	110479	INSTRUMENT, IA5433-1	METER READING SWINGING ERRATICALLY. FAULTY METER LEAD CONNECTION.	CLEANED, IMPROVED CONNECTION.
917415	110479	110679	VALVE OPERATOR, 125W065	CONTROL AIR SUPPLY SOLENOID VALVES. COIL FAILED.	REPLACED SOLENOID VALVE COIL.
917439	110679	110679	VALVE OPERATOR, 13AF021	CONTROL AIR LINE BROKEN. APPARENTLY DAMAGED FROM BEING STEPPED ON.	REPAIRED AIRLINE.
917454	110679	110879	VALVE OPERATOR, 10MS052	INSPECT LIMIT SWITCHES. MOUNTINGS TWISTED ON VALVE.	ADJUSTED BRACKETS, SWITCHES, STROKED.
917463	110779	111979	ANNUNCIATOR, 11 ACCUMULATOR HI/LOW PRESSURE ALARM	PRESSURE COMPARATOR MODULE IPC936A/E OUT OF SPECIFICATION.	RECALIBRATED COMPARATOR MODULE.
917481	110979	111779	ANNUNCIATOR, 14 REACTOR COOLANT PUMP SEAL DIFFERENTIAL PRESSURE ALARM	ALARM UP, DOES NOT CLEAR. PRESSURE TRANSMITTER IPT183 DOES NOT HOLD CALIBRATION.	REPLACED TRANSMITTER IPT183.
917482	110879	111279	ANNUNCIATOR, F29 14 STEAM GENERATOR FEEDWATER FLOW/LO-LEVEL	LIGHTS STEADY, NO FLASH, NO HORN. 2 FAILED PRINTED CIRCUIT BOARDS AND A FAULTY CONNECTION.	REPLACED CARDS, REPAIRED CONNECTION.
917501	111179	111179	ANNUNCIATOR, 28VDC BREAKER GENERAL ALARM	ALARM IS UP. DUAL POWER SUPPLY HAS FAILED.	REPLACED POWER SUPPLY.

SUMMARY OF SAFETY RELATED MAINTENANCE
 PERFORMANCE DEPARTMENT
 REPORT MONTH: NOVEMBER, 1979

DOCKET NUMBER 50-272
 SALEM UNIT 1
 DECEMBER 10, 1979

COMPLETED BY: L. N. MILLER
 TELEPHONE NUMBER: 609-385-7000 SALEM EX 507
 PAGE 003

WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	FAILURE/JOB DESCRIPTION	ACTION TAKEN
917507	111279	111279	DAMPER OPERATOR, 14 CONTAINMENT FAN COIL UNIT	CONTROL AIR SUPPLY TUBING TO ACTUATOR AIR LEAK. TUBING NUT LOOSE.	TIGHTENED UP TUBING NUT.
917515	111279	111279	VALVE OPERATOR, 10PS001	CONTROL AIR SUPPLY REGULATOR LEAKING AIR. REGULATOR FAILED.	REPLACED REGULATOR.
917516	111279	111279	VALVE OPERATOR, 10PS003	CONTROL AIR SUPPLY REGULATOR LEAKING AIR. REGULATOR FAILED.	REPLACED REGULATOR.
917523	111279	111379	INSTRUMENT, REFUELING WATER STORAGE TANK LOCAL INDICATION	LOCAL INDICATION DIFFERS FROM REMOTE INDICATION. LOCAL INDICATION OUT OF CALIBRATION.	CALIBRATED INDICATION.
917527	111279	111279	ANNUNCIATOR, CONTAINMENT AUDIBLE COUNT RATE	NO AUDIBLE COUNT RATE. LOOSE CONNECTOR PLUG P534.	REPAIRED CONNECTOR.
917528	111279	111979	ANNUNCIATOR, 14 STEAM GENERATOR STEAM FLOW HIGH ALARM	ALARM UP ON CONTROL CONSOLE BEZEL. SENSING LINES NOT FILLED AND VENTED.	FILLED, VENTED SENSING LINES.
917552	111479	111579	INSTRUMENT, FA5243RB-1 (13 REACTOR COOLANT PUMP SEAL WATER FLOW TRANSMITTER)	WIDE RANGE READS 0 GPM. FLOW TRANSMITTER IFT157B, RECORDER OUT OF CALIBRATION.	CALIBRATED FLOW TRANSMITTER IFT157B, RECORDER.
917566	111679	111679	VALVE OPERATOR, 10VC006	LIMIT SWITCH NOT MAKING UP. SWITCH OUT OF ADJUSTMENT.	ADJUSTED LIMIT SWITCH.
917573	111579	111679	VALVE OPERATOR, 10CV277	VALVE POSITION INDICATION SLIPS. CONNECTION BLOCK LOOSE, LIMIT SWITCH OUT OF ADJUSTMENT. DIAPHRAGM LEAKS.	TIGHTED BLOCK, REPLACED OPERATOR DIAPHRAGM, ADJUSTED LIMIT SWITCH.
918166	082279	100479	VALVE, 10PR001	LEAKS THRU SEAT. STEM TRAVEL OUT OF ADJUSTMENT.	ADJUSTED STEM TRAVEL.
918166	082279	100479	VALVE, 10PR002	LEAKS THRU SEAT. STEM TRAVEL OUT OF ADJUSTMENT.	ADJUSTED STEM TRAVEL.

SALEM UNIT #1
OPERATING SUMMARY
NOVEMBER 1979

11/1
thru
11/30

ANNUAL REFUELING OUTAGE.

REFUELING INFORMATION

DOCKET NO.: 50-272
 UNIT: Salem #1
 DATE: December 10, 1979
 COMPLETED BY: L. K. Miller
 TELEPHONE: 609-365-7000
 X507

MONTH: November 1979

1. Refueling information has changed from last month:
 YES _____ NO X

2. Scheduled date of next refueling: September 20, 1980
3. Scheduled date for restart following refueling: November 16, 1980
4. A. Will Technical Specification changes or other license amendments be required? YES _____ NO _____
 NOT DETERMINED TO-DATE November 1979
- B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES _____ NO X
 If no, when is it scheduled? July 1980
5. Scheduled date(s) for submitting proposed licensing action:
August 1980 (If Required)
6. Important licensing considerations associated with refueling:
NONE

7. Number of Fuel Assemblies:
 A. In-Core 193
 B. In Spent Fuel Storage 40
8. Present licensed spent fuel storage capacity: 264
 Future spent fuel storage capacity: 1,170
9. Date of last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: September 1982