

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH September 1979

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>

DAY AVERAGE DAILY POWER LEVEL (MWe-NET)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>-</u>

OPERATING DATA REPORT

POOR ORIGINAL

DOCKET NO.: 50-272
DATE: October 10, 1979
COMPLETED BY: L. K. Miller
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OPERATING STATUS

1. Unit Name: Salem #1
2. Reporting Period: September 1979
3. Licensed Thermal Power (MWe): 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	6,551	19,752
12. Number Of Hours Reactor Was Critical	0	2,184.5	9,841.4
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)	(4,422)	2,067,689	8,654,669
19. Unit Service Factor	0	33.0	47.9
20. Unit Availability Factor	0	33.0	47.9
21. Unit Capacity Factor (Using MDC Net)	0	29.3	40.6
22. Unit Capacity Factor (Using DER Net)	0	29.0	40.2
23. Unit Forced Outage Rate	100	38.5	37.2

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: October 25, 1979

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

Forecast

9/30/76

11/1/76

12/20/76

Achieved

12/11/76

12/25/76

6/30/77

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1979DOCKET NO.: 50-272UNIT NAME: Salem #1DATE: October 10, 1979COMPLETED BY: L. K. MillerTELEPHONE: 609-365-7000 X507

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
79-198	8/8/79	F	720	A	4B	- - -	HA	TURBIN	#12 & #13 LP Turbine Reblade
79-199	8/8/79	S	720	A	4B	- - -	HH	PIPEXX	FW Heater & Nozzle Block Inspection & Repair

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 September 1979

DOCKET NO: 50-272
UNIT NAME: Salem 1
DATE: October 10, 1979
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*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1ED-0355	Various NSSS	Replace Environmentally unqualified transmitters
1ED-0386	CVCS	Reduce opening time of 1CV4 to reduce water hammer
1ED-0387	CVCS	Reduce opening time of 1CV3
1EC-0424	Containment Isolation	Replace limit switches and modify controls
1EC-0431	Primary Water Recovery	Install suction strainer on Monitor Tank pumps
1EC-0432	Primary Water Makeup	Install suction strainer on Primary Water Makeup Pumps
1EC-0457	Heating Water	Install valves to sectionalize TGA H.W. header for retubing
1EC-0468	TGA Structural	Install bolted work platforms for M.S. dump valve
1EX-0481	Service Water	Adjust wear ring
1EC-0485	Various NSSS (Containment)	Modify NSSS panels in containment to allow proper venting
1EC-0514	CVCS	Reduce opening time of 1CV5
1EC-0534	SSPS	Modify safety injection logic to delete level input
1EC-0535	Pressurizer Relief	Install overhead annunciator alarm for PRL&2
1EC-0657	B.A. Recovery	Add break flanges at 1 1/2" eductor to facilitate cleaning

* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS
REPORT MONTH September 1979

DOCKET NO.: 50-272
UNIT NAME: Salem #1
DATE: October 10, 1979
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*DCR NO.	10CFR50.59	SAFETY EVALUATION
1ED-0355		This change is to improve the quality of the transmitters involved. This does not alter or change either the functional requirements or the Technical Specifications.
1EC-0386		This equipment performs the same function and meets all applicable requirements. The containment isolation function and fail safe design of LCV4 is not affected by this change.
1EC-0387		This equipment performs the same function and meets all applicable requirements. The containment isolation function and fail safe design of LCV3 is not affected by this change.
1EC-0424		The isolation function of the noted valves per this DCR will not be changed and will be performed consistently with containment isolation criteria. There will not be any Technical Specification changes required by this DCR. The assumptions and conclusions of the present safety/accident analyses are still valid.
1EC-0431		This change involves the addition of permanent strainers on the suction lines of monitor tank pumps. This does not affect normal operations nor the base design, but rather increases the reliability. The definition of the unreviewed safety question is not met.
1EC-0432		This change involves the addition of a permanent strainer on the outflow line from the Primary Water Storage Tank. This does not affect the normal operations nor the base design, but rather increases the reliability. The definition of the unreviewed safety question is not met.
1EC-0457		This design change does not affect any presently performed safety analysis nor does it create any new safety hazards. The bases of the Technical Specifications are not affected.
1EC-0468		The conversion from welded to bolted connections of the main steam dump valve does not change the SAR or Technical Specifications, does not present an unreviewed safety question and does not involve any fire hazards.
1EX-0481		The experiment is being conducted to utilize an adjustment capability in the pump design which was provided as a mechanism to improve pump performance.

1157 345

REPORT MONTH September 1979

UNIT NAME: Salem #1

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*DCR NO.	10CFR50.59	SAFETY EVALUATION
LEC-0485	This change increases the ability of enclosures mounted in containment to perform their safety functions. This change does not impair fire protection systems.	
LEC-0514	This equipment performs the same function and meets all applicable requirements. The containment isolation function and fail safe design of LCV5 is not affected by this change.	
LEC-0534	Logic change complies with NRC positions regarding use of pressurizer level coincidence circuitry. This change improves reliability of S. I. function for small breaks in pressurizer steam space.	
LEC-0535	Addition of overhead annunciator window complies with NRC request for an increased indication and alarm.	
LEC-0657	The addition of break flanges to the boric acid evaporator feed line will not involve an unreviewed safety question since this line is non safety related and will in no way affect the safe shutdown of the plant.	

1153.346

SUMMARY (SAFETY RELATED MAINTENANCE
MAINTENANCE DEPARTMENT
REPORT MONTH: SEPTEMBER, 1979

DOCKET NO R 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: K. MILLER
TELEPHONE NUMBER: 609-365-7000
LEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
MD2132	082577	081579	MOTOR, 11 SERVICE WATER SUMP PUMP	LOW GROUND READING ON MOTOR LEADS. DEBRIS FOUND IN SUMP.	REPLACED MOTOR AND CLEANED SUMP.
MD2922	081178	093179	VALVE, 11MS171	SEAT SURFACE STEAM CUT. STEAM BLOWBY THRU SEAT/DISC SURFACE IMPERFECTION.	WELD REPAIRED AND MACHINED SEAT SURFACE.
900023	121578	081779	UNIT, 14 CONTAINMENT FAN COIL	REPAIR PILLOW BLOCKS. PLATE WELDS CRACKED. WELD CRACKING CAUSED BY VIBRATION.	CRACKS WELDED AND PLATE REPLACED WITH PLATE OF IMPROVED DESIGN.
900023	121578	081779	UNIT, 13 CONTAINMENT FAN COIL	REPAIR PILLOW BLOCKS. PLATE WELDS CRACKED. WELD CRACKING CAUSED BY VIBRATION.	CRACKS WELDED AND PLATE REPLACED WITH PLATE OF IMPROVED DESIGN.
900023	121578	081779	UNIT, 12 CONTAINMENT FAN COIL	REPAIR PILLOW BLOCKS. PLATE WELDS CRACKED. WELD CRACKING CAUSED BY VIBRATION.	CRACKS WELDED AND PLATE REPLACED WITH PLATE OF IMPROVED DESIGN.
900023	121578	081779	UNIT, 11 CONTAINMENT FAN COIL	REPAIR PILLOW BLOCKS. PLATE WELDS CRACKED. WELD CRACKING CAUSED BY VIBRATION.	CRACKS WELDED AND PLATE REPLACED WITH PLATE OF IMPROVED DESIGN.
900197	091279	091279	VALVE, 11SJ035	REPACK. PACKING FAILED.	REPACKED.
900198	091079	091079	VALVE, 12SJ035	REPACK. PACKING FAILED.	REPACKED.
900204	091179	091179	SUPPORTS, PIPE HANGER	INVESTIGATE AND CORRECT ANY HILTI BOLT PROBLEMS AS PER NRC BULLETIN.	BOLTS REPAIRED AS REQUIRED.
900227	091179	091479	PIPE, 12 RESIDUAL HEAT REMOVAL PUMP DISCHARGE	REPLACE GASKETS ON BOTH SIDES OF ORFICE 1FL0641B. GASKETS FAILED.	GASKETS REPLACED.
900230	091279	091379	PIPE, 11 SAFETY INJECTION PUMP SUCTION	FLANGE LEAKING. GASKET FAILED.	CLEANED FLANGE AND REPLACED GASKET.
900684	022079	062879	VALVE, 13MS045	BONNET LEAK. BONNET GASKET FAILED.	REPLACED BONNET GASKET.
900820	020779	060879	PUMP, 11 SAFETY INJECTION	DECREASING DIFFERENTIAL PRESSURE NOTED DURING PUMP SURVEILLANCE TESTING.	REPLACED WORN INTERNAL COMPONENTS.
900852	031579	062879	GENERATOR, 14 STEAM	SECONDARY INBOARD MANWAY LEAKS. GASKET SURFACE STEAM CUT.	WELD REPAIRED AND MACHINED GASKET SURFACE.
901768	030579	093179	VALVE, 14BF027	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.

SUMMARY - SAFETY RELATED MAINTENANCE
MAINTENANCE DEPARTMENT
REPORT MONTH: SEPTEMBER, 1979

DOCKET NUMBER 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: N. MILLER
TELEPHONE NUMBER: 609-365-7000 SALEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
901768	030579	093179	VALVE, 11BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF028	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF029	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF029	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF029	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF029	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF030	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	093179	093179	VALVE, 12BF030	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	093179	093179	VALVE, 13BF030	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	093179	093179	VALVE, 14BF030	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF027	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF023	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF027	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF023	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF027	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF026	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.

SUMMARY SAFETY RELATED MAINTENANCE
MAINTENANCE DEPARTMENT
REPORT MONTH: SEPTEMBER, 1979

DOCKET NO ER 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: K. MILLER
TELEPHONE NUMBER: 609-365-7000 SALEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
901768	030579	093179	VALVE, 13BF023	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF024	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF025	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF025	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF026	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 13BF025	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF024	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF026	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF026	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 14BF025	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF024	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 11BF024	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901768	030579	093179	VALVE, 12BF023	REPACK WITH GRAFOIL PACKING AS PER WESTINGHOUSE SERVICE BULLETIN.	REPACKED.
901920	050879	080679	VALVE, 10CV056	REPACK. PACKING FAILED.	REPLACED PACKING.
902859	090979	080779	PIPE, 12 SERVICE WATER DISCHARGE	REPLACE DISCHARGE FLEXIBLE EXPANSION JOINT. PREVENTIVE MEASURE FOLLOWING FAILURE OF A SIMILAR JOINT.	REPLACED.
902874	051179	060979	VALVE, 115J054	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE REPLACED GREASE. 28 AS PER NRC INFORMATION NOTICE 79-03.	
902875	051179	060979	VALVE, 135J054	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE REPLACED GREASE. 28 AS PER NRC INFORMATION NOTICE 79-03.	
902876	051179	060979	VALVE, 145J054	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE REPLACED GREASE. 28 AS PER NRC INFORMATION NOTICE 79-03.	

SUMMARY C. SAFETY RELATED MAINTENANCE
MAINTENANCE DEPARTMENT
REPORT MONTH: SEPTEMBER, 1979

DOCKET NO. R 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: K. MILLER
TELEPHONE NUMBER: 609-365-7000 SALEM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
902894	051279	081479	VALVE, 10SJ013	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE 28 AS PER NRC INFORMATION NOTICE 79-03.	REPLACED GREASE.
902895	081479	081479	VALVE, 10SJ012	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE 28 AS PER NRC INFORMATION NOTICE 79-03.	REPLACED GREASE.
90304	042179	080779	VALVE, 13GB003	VALVE JAMMED OPEN. PACKING TOO TIGHT AND HARD.	REPACKED.
903148	041479	041479	COMPRESSOR, 11 WASTE GAS	MECHANICAL SEAL LEAK.	REBUILT COMPRESSOR WHILE APART FOR MECHANICAL SEAL REPLACEMENT.
903404	040479	080779	VALVE, 10CV005	REPACK. PACKING FAILED.	REPACKED.
903405	040479	080779	VALVE, 10CV075	REPACK. PACKING FAILED.	REPACKED.
903448	040479	050779	VALVE, 14RC017	REPACK. PACKING FAILED.	REPACKED.
904276	051079	060579	FILTER, 1 ION EXCHANGE	HIGH DIFFERENTIAL PRESSURE. FILTER DIRTY.	REPLACED FILTER.
905562	062379	062679	VALVE, 11CV163	CAN NOT BE OPENED OR CLOSED. DIAPHRAGM FAILED ALLOWING BORIC ACID SOLUTION TO ENTER BONNET.	REPLACED BONNET.
905749	052779	081779	FAN, 13 AUX BUILDING EXHAUST	VIBRATES. INBOARD BEARING FAILED.	REPLACED INBOARD BEARING.
905764	061379	082279	VALVE, 10CV394	REPACK. PACKING FAILED.	REPACKED.
905765	061379	082279	VALVE, 10CV395	REPACK. PACKING FAILED.	REPACKED.
905777	061379	061479	VALVE, 10CC190	MOTOR FAILED. WATER ENTERED LIMITORQUE MOTOR CASING THRU CONDUIT. STEM THREADS FOUND ELONGATED.	REBUILT MOTOR. REPLACED STEM. MODIFIED CONDUIT CONNECTION.
905921	061979	091279	STRAINER, 16 SERVICE WATER PUMP	INSPECT AND REPAIR AS NECESSARY.	CLEANED. REVERSED WEAR PLATE. MACHINED SEAL RING.
906000	060579	060579	VALVE, 13MS012	VALVE STEM BINDING.	CENTERED SPRING. LAPPED PLUG TO SEAT SURFACES.
906013	062179	082279	VALVE, 14SW227	STEM BENT.	REPLACED BONNET ASSEMBLY.
906032	062679	082579	VALVE, 10CS030	LEAKS THRU SEAT.	REPLACED VALVE.
906108	070979	091379	STRAINER, 12 SERVICE WATER PUMP	INSPECT. REPAIR AS NECESSARY.	CLEANED. REPAIRED LOWER WEAR PLATE.
906140	071879	080179	PUMP, 12 SERVICE WATER SUMP	PUMP KEPT RUNNING AFTER ALL WATER PUMPED OUT.	INSTALLED MOTOR WITH NEW MAGNETROL.
906805	091079	091179	FILTER, 12 CONTAINMENT IODINE REMOVAL	CHANGE DIRTY FILTERS.	REPLACED FILTERS.

SUMMARY OF FETY RELATED MAINTENANCE
MAINTENANCE DEPARTMENT
REPORT MONTH: SEPTEMBER, 1979

DOCKET NUMBER 50-272
SALEM 1 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: L. S. MILLER
TELEPHONE NUMBER: 609-365-7000 S H EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
906805	091079	091179	FILTER, 11 CONTAINMENT IODINE REMOVAL	CHANGE DIRTY FILTERS.	REPLACED FILTERS.
915871	081579	081779	VALVE, 10RH026	REPACK. PACKING FAILED.	REPACKED.
915872	081579	081779	VALVE, 13RH027	BONNET LEAKING.	TORQUED BONNET BOLTS TO 565 FTLB.
915875	081879	081879	VALVE, 10RH071	LEAKS THRU SEAT.	PLUGGED VALVE DISCHARGE.
915876	081579	082079	PIPE, 11RHR PUMP DISCHARGE	FLANGE LEAKS.	REPLACED GASKET.
915878	081579	081779	VALVE, 11RH040	REPACK. PACKING FAILED.	REPACKED.
915880	081579	081779	VALVE, 11RH018	REPACK. PACKING FAILED.	REPACKED.
915883	081579	081879	VALVE, 10RH05	LEAKS THRU SEAT.	PLUGGED VALVE DISCHARGE.
915905	073179	081579	VALVE, 10CV068	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE 28 AS PER NRC INFORMATION NOTICE 79-03.	REPLACED GREASE.
915907	073179	081679	VALVE, 10CV069	REPLACE HUMBLE BEACON 325 WITH MOBILGREASE 28 AS PER NRC INFORMATION NOTICE 79-03.	REPLACED GREASE.
916000	081579	081679	UNIT, 11 CONTAINMENT FAN CIL	INLET DAMPER BINDING.	STRAIGHTENED LINKAGES.
916000	081579	081679	UNIT, 13 CONTAINMENT FAN CIL	INLET DAMPER BINDING.	STRAIGHTENED LINKAGES.
916036	082479	083179	FILTER, 11 AUXILIARY BUILDING VENTILATION SUPPLY	REPLACE DIRTY FILTERS.	REPLACED FILTERS.
916038	082479	090179	STRAINER, 12 SERVICE WATER PUMP	UPPER AND LOWER STRAINER HEADS LEAKING.	REPAIR HEAD, REPLACED GASKETS.
916894	090479	090479	PUMP, 13 SERVICE WATER	REPACK. PACKING FAILED.	REPACKED.
916895	090479	091479	VALVE, 11SW012	FLANGE LEAKS.	REPLACED GASKET.
916996	091079	091179	STRAINER, 14 SERVICE WATER	SHEAR PIN BROKEN.	REPLACED KEY, TIGHTENED LINER.
917034	091479	091979	PUMP, BAY 1 SERVICE WATER SUMP	DOES NOT PUMP. MOTOR FAILED.	REPLACE PUMP MOTOR.
918138	081979	082079	VALVE, 10PS028	BONNET FLANGE LEAKS.	REPLACED GASKET.
918149	082779	082479	VALVE OPERATOR, 10CV005	NO CLOSED INDICATION ON CONSOLE. ROBOTARM DAMAGED.	REPAIRED ROBOTARM.
918175	082379	083179	VALVE, 10CV070	REPACK. PACKING FAILED.	REPACKED.
918177	082379	083179	VALVE, 10CV073	REPACK. PACKING FAILED.	REPACKED.
918201	082579	083179	PUMP, 11 SAFETY INJECTION	THRUST BEARING OPERATES HOT. INCORRECT IMPELLER RUNWAY POSITION.	REPLACED INBOARD THRUST SHOES. ADJUSTED IMPELLER RUNWAY POSITION
918215	082679	082979	VALVE OPERATOR, 12AF021	ERRONEOUS VALVE POSITION INDICATION.	CALIBRATED VALVE POSITIONER.

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

DOCKET NUMBER 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 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	JOB/FAILURE DESCRIPTION	ACTION TAKEN
918238	082879	091779	VALVE OPERATOR, 10SJ002	MOTOR OPERATOR SUPPLY BREAKER TRIPS. MOTOR REPLACED MOTOR. FAILED.	
918251	082979	083179	VALVE, 10CV171	BONNET LEAKS. DIAPHRAGM FAILED.	REPLACED DIAPHRAGM.
918254	082979	083179	VALVE, 10CV070	LEAKS THRU SEAT.	LAPPED DISC/SEAT SURFACES.
918266	083079	083179	VALVE, 10CV068	REPACK. PACKING FAILED.	REPACKED.
918279	083179	090479	INSTRUMENT, 1FA5242 (12 REACTOR COOLANT PUMP LEAK OFF FLOW TRANSMITTER)	INDICATES 3 GPM WITH NO FLOW.	FREED STUCK FLOAT.
918302	090179	090579	INSTRUMENT, 1TD7272 (1C DIESEL OIL TEMPERATURE TRANSMITTER)	INDICATES HIGH TEMPERATURE. OUT OF CALIBRATION.	CALIBRATED.
920156	072879	081379	VALVE, 12CV157	HOLE IN BONNET. DIAPHRAGM FAILED ALLOWING BORIC ACID SOLUTION TO ENTER BONNET.	REPLACED BONNET ASSEMBLY.
920215	080279	080679	VALVE, 10CV048	EXCESSIVE LEAKOFF.	REPACKED VALVE.
920225	080379	082979	FILTER, 12 AUXILIARY BUILDING VENTILATION SUPPLY	REPLACE DIRTY FILTERS.	REPLACED FILTERS.
920241	080579	080679	VALVE, 130EL CONTAINMENT AIRLOCK EQUALIZING	EQUALIZING VALVE LEAKS THRU. O RING FAILED.	REPLACED O RING.
920282	081079	090779	VALVE, 12SW122	MANUAL OPERATING MECHANISM DAMAGED.	REPAIRED MANNUAL OPERATOR.
920335	081479	082279	VALVE OPERATOR, 10CV057	REACH ROD DISCONNECTED.	REPLACED COTTER PIN.

SUMMARY OF FETY RELATED MAINTENANCE
PERFORMANCE DEPARTMENT
REPORT MONTH: SEPTEMBER, 1979

DOCKET NUM' 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: L. MILLER
TELEPHONE NUMBER: 609-365-7000 S. EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
904359	071979	072379	INSTRUMENT, 1LM0519A (11 STEAM GENERATOR LEVEL CHANNEL)	OUT OF CALIBRATION.	CALIBRATED.
904362	080279	080279	INSTRUMENT, 1 SSPS TRAIN B	SWITCH 502, LOGIC B, POSITION 3 CHECKS BAD. UNIVERSAL CIRCUIT FAILED.	REPLACED UNIVERSAL CIRCUIT BOARD.
904390	080479	080479	FAN, 12 FUEL HANDLING BUILDING VENTILATION SYSTEM	REPAIR THE BAILEY POSITIONER. CONNECTING ARM DISCONNECTED.	CONNECTED ARM. CHECKED OPERATION.
905434	082079	082079	INSTRUMENT, 1PC0516A/B (11 STEAM GENERATOR STEAM PRESSURE)	DOES NOT TRIP AT PROPER DCV INPUT. TWO CAPACITORS FAILED.	REPLACED CAPACITORS.
905435	082079	082779	INSTRUMENT, 1FT0543 (14 STEAM GENERATOR STEAM FLOW)	ERRONEOUS INDICATION. VOID IN SENSING LINE.	FILLED AND VENTED SENSING LINE.
905460	081479	081779	INSTRUMENT, 1N36 INTERMEDIATE RANGE	REPLACE DETECTOR. PRESENT DETECTOR'S OPERATING CHARACTERISTICS ARE CHANGED.	REPLACED DETECTOR.
905460	081479	081779	INSTRUMENT, 1N32 SOURCE RANGE	REPLACE DETECTOR. PRESENT DETECTOR'S OPERATING CHARACTERISTICS ARE CHANGED.	REPLACED DETECTOR.
905463	081879	081779	INSTRUMENT, 1N36 INTERMEDIATE RANGE	ERRATIC OUTPUT SIGNALS. AMPLIFIER FAILED.	REPLACED LOG CURRENT AMPLIFIER.
905860	070979	081479	VALVE OPERATOR, 10VC002	ERRONEOUS VALVE POSITION INDICATION. LIMIT SWITCHES OUT OF ADJUSTMENT.	ADJUSTED LIMIT SWITCHES.
905876	070979	082879	ANNUNCIATOR, CONTAINMENT PRESSURE	ALL CONTAINMENT HI, HI-HI LIGHTS ARE ON. DIODE BLANK FOUND IMPROPERLY INSERTED.	INSERTED DIODE BLANK PROPERLY.
907255	091679	091879	VALVE OPERATOR, 14SW223	ERRATIC FLOW INDICATION. SUPPLY FUSE FOUND BLOWN.	REPLACED FUSE.
907308	091979	091979	DAMPER OPERATOR, 1CAV18	CONTROL AIR SOLENOID VALVE BLOWS THROUGH.	REPLACED SOLENOID VALVE.
907309	091979	091979	DAMPER OPERATOR, 1CAV16	CONTROL AIR SOLENOID VALVE BLOWS THROUGH.	REPLACED SOLENOID VALVE.
915663	080979	091879	INSTRUMENT, 1LT0920	CALIBRATE. TEST EQUIPMENT USED ON PREVIOUS CALIBRATION FOUND OUT OF CALIBRATION.	CALIBRATED.
915664	080979	091779	INSTRUMENT, 1LT0921	CALIBRATE. TEST EQUIPMENT USED ON PREVIOUS CALIBRATION FOUND OUT OF CALIBRATION.	CALIBRATED.
915666	080979	091379	INSTRUMENT, 1PT0923 (11 SAFETY INJECTION PUMP DISCHARGE PRESSURE)	CALIBRATE. TEST EQUIPMENT USED ON PREVIOUS CALIBRATION FOUND OUT OF CALIBRATION.	REPLACED OSCILLATION AMPLIFIER. CALIBRATED.
915710	082879	082879	ANNUNCIATOR, SSPS LOOP 2 CHANNEL STEAM FLOW/FEEDWATER FLOW MISMATCH ALARM	ALARM IS UP. DIODE AND TRANSISTOR FAILED.	REPLACED DIODE AND TRANSISTOR.

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

DOCKET NUMBER R 50-272
SALEM UNIT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: K. MILLER
TELEPHONE NUMBER: 609-365-7000
EM EX 507
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WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
915715	082879	082879	ANNUNCIATOR, SSPS LOOP 4 CHANNEL REACTOR COOLANT LOOP FLOW	STATUS LIGHT NOT ON, COMPUTER IS TRIPPED. PINS ON PRINTED CIRCUIT BOARD IN DEMULTIPLEXER ARE DIRTY.	CLEANED PINS.
915716	082879	083079	INSTRUMENT, 1TE0421A/B (12 REACTOR COOLANT PUMP LOOP)	CHANNEL OUT OF CALIBRATION.	CALIBRATED MODULES 1TM0421A AND 1TM0421B
915718	082879	083079	INSTRUMENT, 1FC0522 (12 REACTOR COOLANT PUMP LOOP)	CHANNEL OUT OF CALIBRATION.	CALIBRATED MODULES 1FM0522B AND 1FM0522C
915720	090779	091079	INSTRUMENT, 1LT0548 (14 STEAM LEVEL TRANSMITTER)	ERRONEOUS INDICATION. VOID IN SENSING	FILLED AND VENTED SENSING LINES.
915805	091879	091879	INSTRUMENT, 1LT0920	CALIBRATE. TEST EQUIPMENT USED ON PREVIOUS CALIBRATION FOUND OUT OF CALIBRATION.	CALIBRATED.
916963	090879	091479	INSTRUMENT, 1FI0637 (13 CHARGING PUMP DISCHARGE FLOW TRANSMITTER)	ERRONEOUS INDICATION. SENSOR RING OUT OF ALIGNMENT.	REALIGNED RING.
917050	090979	091279	ANNUNCIATOR, 12 BORIC ACID STORAGE	ERRONEOUS ALARM. FAULTY FUSE/INDICATOR	CORRECTED OUTPUT FUSE/INDICATOR
917051	091179	092179	INSTRUMENT, 1FT0143 (12 REACTOR COOLANT PUMP SEAL FLOW TRANSMITTER)	ERRONEOUS INDICATION. OUT OF CALIBRATION.	CALIBRATED.
917060	091279	091879	VALVE OPERATOR, 10CV018	ERRONEOUS POSITION INDICATION.	ADJUSTED LIMIT SWITCH.
917070	090679	091179	VALVE OPERATOR, 10CV004	VALVE WILL NOT OPEN FROM CONSOLE.	REPLACED RELAY AND ADJUSTED THE CONTROL AIR SUPPLY.
917070	090679	091179	VALVE OPERATOR, 10CV005	VALVE WILL NOT OPEN FROM CONSOLE.	REPLACED RELAY.
917071	091079	091079	VALVE, 11GB004	UNABLE TO OPEN. OPERATOR DIAPHRAGM FAILED.	REPLACED OPERATOR DIAPHRAGM.
917072	090679	091979	DAMPER OPERATOR, 1CAA1	DID NOT OPERATE ON A MANUAL SAFETY INJECTION. LIMIT SWITCH FAILED.	REPLACED LIMIT SWITCH.
917072	090679	091979	DAMPER OPERATOR, 1CAA3	DID NOT OPERATE ON A MANUAL SAFETY INJECTION. LIMIT SWITCH ROLLER ARM FAILED.	REPLACED LIMIT SWITCH ROLLER ARM.
918136	081979	082379	VALVE OPERATOR, 10SS064	BOTH OPEN AND CLOSED LIGHTS ON CONSOLE ARE ON. LIMIT SWITCHES FAILED OR ARE OUT OF ADJUSTMENT.	REPAIRED AND ADJUSTED LIMIT SWITCHES.
918136	081979	082379	VALVE OPERATOR, 10SS033	BOTH OPEN AND CLOSED LIGHTS ON CONSOLE ARE ON. LIMIT SWITCHES FAILED OR ARE OUT OF ADJUSTMENT.	REPAIRED AND ADJUSTED LIMIT SWITCHES.
918197	082579	091379	INSTRUMENT, 1FA3169 (13 CONTAINMENT FAN COIL UNIT SERVICE WATER FLOW TRANSMITTER)	ERRATIC FLOW AND ALARMS. SLUDGE DEPOSITS IN SENSING LINES.	BLEWDOWN TRANSMITTER AND ADJUSTED FLOW VALVE CONTROLLER.

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

DOCKET NUMBER 50-272
SALEM IT 1
REPORT DATE: OCTOBER 10, 1979

COMPLETED BY: K. MILLER
TELEPHONE NUMBER: 609-365-7000
EM EX 507
PAGE 003

WORK ORDER NUMBER	START DATE	END DATE	EQUIPMENT DESCRIPTION	JOB/FAILURE DESCRIPTION	ACTION TAKEN
918219	082679	083179	VALVE OPERATOR, 14SS093	VALVE WILL NOT CLOSE. LIMIT SWITCH OUT OF ADJUSTMENT.	ADJUSTED LIMIT SWITCH.
918222	082779	083079	UNIT, 14 CONTAINMENT FAN COIL	INVESTIGATE CAUSE FOR NO ROUGHING FILTER LIGHT.	REPAIRED STUCK OUTBOARD DAMPER.
918248	082879	083179	ANNUNCIATOR, 12 REACTOR SEAL DIFFERENTIAL PRESSURE	SENSING SWITCH OUT OF CALIBRATION.	CALIBRATED.
920122	072579	081579	INSTRUMENT, 1FA3539 (11 CONTAINMENT FAN COIL UNIT SERVICE WATER FLOW TRANSMITTER)	SERVICE WATER FLOW ERRATIC. SETPOINT CONTROLLER FOUND UNPLUGGED.	PLUGGED IN SET POINT CONTROLLER.
920218	080279	080879	INSTRUMENT, AIR PARTICULATE DETECTOR PUMP	AIR PUMP FAILED. MOTOR BURNED OUT.	REPLACED AIR PUMP AND MOTOR.
920322	081379	081579	VALVE OPERATOR, 10CV278	NO CLOSED INDICATION. LIMIT SWITCH OUT OF ADJUSTMENT.	ADJUSTED LIMIT SWITCH.
920330	081479	081679	INSTRUMENT, 1FA3541 (13 CONTAINMENT FAN COIL UNIT SERVICE	LOW SERVICE WATER INDICATION WITH NO ALARM. FLOW SETPOINT SET BELOW ALARM POINT.	SET FLOW ABOVE ALARM SETPOINT

SALEM UNIT #1
OPERATING SUMMARY
SEPTEMBER 1979

9/1
thru
9/30 Annual Refueling Outage.

1153 356

REFUELING INFORMATION

DOCKET NO.: 50-272
 UNIT: Salem #1
 DATE: October 10, 1979
 COMPLETED BY: L. K. Miller
 TELEPHONE: 609-365-7000
 X 507

MONTH: September 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 September 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

1153-257