



Public Service Electric and Gas Company P. O. Box #168 Hancocks Bridge, New Jersey 08038

December 11, 1980

Director, Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

US NRC  
DISTRIBUTION SERVICES  
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DISTRIBUTION  
SERVICES UNIT

Dear Sir:

MONTHLY OPERATING REPORT  
SALEM NO. 1  
DOCKET NO. 50-272

In compliance with section 6.9, Reporting Requirements for the Salem Technical Specifications, 10 copies of the following monthly operating reports for the month of November 1980 are being sent to you.

- Average Daily Unit Power Level
- Operating Data Report
- Unit Shutdowns and Power Reductions
- Major Plant Modification
- Summary of Safety Related Maintenance
- Operating Summary
- Refueling Information

Sincerely yours,

H. J. Midura  
Manager - Salem Generating Station

LKM:vd

cc: Mr. Boyce H. Grier  
Director of U.S. NRC  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Director, Office of Management  
Information and Program Control  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Enclosures  
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8-1-7.R4

**DUPLICATE**

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The Energy People

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272  
UNIT Salem #1  
DATE December 11, 1980  
COMPLETED BY L. K. Miller  
TELEPHONE 609-365-7000 X507

MONTH November 1980

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 : December 11, 1980  
 COMPLETED BY: L. K. Miller  
 TELEPHONE: 609-365-7000 X507

OPERATING STATUS

1. Unit Name: Salem #1
2. Reporting Period: November 1980
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason:  
NONE

Notes:

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	8,040	30,001
12. Number Of Hours Reactor Was Critical	0	6,097.9	16,185.9
13. Reactor Reserve Shutdown Hours	0	0	22.7
14. Hours Generator On-Line	0	5,946.3	15,477.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	18,205,037.8	45,741,334.8
17. Gross Electrical Energy Generated (MWH)	0	5,935,090	15,102,590
18. Net Electrical Energy Generated (MWH)	(2,812)	5,658,279	14,282,619
19. Unit Service Factor	0	74	51.6
20. Unit Availability Factor	0	74	51.6
21. Unit Capacity Factor (Using MDC Net)	0	65.2	44.1
22. Unit Capacity Factor (Using DER Net)	0	64.6	43.7
23. Unit Forced Outage Rate	0	5.8	35.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling September 20, 1980 - December 25, 1980</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: December 25, 1980
26. Units In Test Status (Prior to Commercial Operation):

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

UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH November 1980

DOCKET NO.: 50-272  
 UNIT NAME: Salem #1  
 DATE: December 11, 1980  
 COMPLETED BY: L. K. Miller  
 TELEPHONE: 609-365-7000 X507

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
80-210	9/19/80	S	1729.86	C	4	- - -	RC	FUELXX	Annual Refueling Outage.

<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 (NUREG-0161)

<sup>5</sup>  
 Exhibit 1-Same Source

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-0454	Service Water	TGA Service Water Bypass
1EC-0559	Control Room	Control Console
1EC-0614	Instrumentation	Main Transformer Vacuum Switch
1EC-0667	Protection System	Revise Steam Generator
1EC-0713	Protection System	Ventilation Reset Circuitry
1EC-0766A	Auxiliary Feedwater	Modify 1AF1
1EC-0921	Residual Heat Removal	Modify #12 RHR Pump
1EC-0924	Fire Protection	Electrical Penetration
1EC-0983	Fire Protection	Fire Barrier Walls
1EC-1003	Fire Protection	Switchgear Room
1EC-1036	Main Steam	Main Steam Demand Valve Circuit
1EC-1042	Main Generator	Modify Stator Cooling
1EC-1043	Safety Injection	Containment Pressure Transmitters
1OD-0031	Security System	Security for Manhole
1PD-0085	115 VAC	Install Outlet Box Plant Vent
1PD-0134	Radiation Protection	Add Computer Input From S.D. Control Circuit
1PD-0167	Main Turbine	Relocate PLO197 and PLO200
1SC-0010	Component Cooling	Install Tee in Drain Line

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

*DCR NO.	10CFR50.59	SAFETY EVALUATION
1EC-0454		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-0559		This is not a safety related change and does not affect the operation of safety related equipment.
1EC-0614		This change is on non safety related equipment and does not affect safety margin or analysis.
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.
1EC-0713		A USQ is not involved as this change does not alter function or reliability of safety systems. This change provided additional operator information.
1EC-0766A		The change enhances the auxiliary feedwater system reliability by totally precluding closure of this common suction valve. This change was discussed with the NRC and has their approval. No UEQ is involved because it does not change the operating characteristics of the auxiliary feedwater system.
1EC-0921		The installation of impeller lock nut kits on the No. 11 and 12 RHR pumps does not pose an unreviewed safety question as implementation of this change will forestall a loosening of the impeller lock nuts as noted on NRC IE circular No. 79-19. Implementation of this change will not affect the function or operation of any system other than to improve system reliability, therefore, an unreviewed environmental question is not involved.
1EC-0924		Additions of fire barriers between MCC and pressurizer heater switchgear does not impact any safety function, analysis or margin. No USQ is present.
1EC-0983		Change involves installation of fire barrier assemblies between 4 KV vital switchgear per NRC Fire Protection SER of 11/20/79. No safety function, margin or analysis will be adversely affected. Therefore, no USQ is present.
1EC-1003		Addition of fire barriers between 460 Volt & 125 Volt D.C. switchgear on Elevation 84' will not affect safety margin, analysis or function. No USQ is present.
1EC-1036		The design change assures compliance with the original intent and does not functionally change the system operation.

MAJOR PLANT MODIFICATION  
REPORT MONTH November 1980

DOCKET NO.: 50-272  
UNIT NAME: Salem #1  
DATE: December 11, 1980  
COMPLETED BY: L. K. Miller  
TELEPHONE: 609-365-7000 X507

*DCR NO.	10CFR50.59.	SAFETY EVALUATION
1EC-1042		This modification to the hydrogen cooling of the generator has been done in accordance with Westinghouse recommendations and approved procedures. No safety function, analysis or margin will be adversely affected. No USQ is present.
1EC-1043		This design change involves the change of the fill fluid of the containment pressure transmitters in the Safety Injection system from distilled water to a high temperature Dow Corning oil. It will produce a more stable transmitter signal under extreme environmental conditions and in turn improve the system performance. It does not alter or change either the functional requirements or the technical specifications.
1OD-0031		This DCR covers the addition of magnetic switches to certain manhole covers for security purposes. This DCR will not affect any safety function of the system involved. The proposed changes do not involve any of the criteria associated with an unresolved safety question as per 10CFR50.59.
1PD-0167		This DCR is issued to relocate two local pressure gages due to excessive vibration. It is not safety related and does not require a change to any technical specification. No additional safety analysis is required.
1SC-0010		This DCR adds only one drain and one vent connection to C.C. side of boric acid evaporator condenser. This will not make any change to the functioning of the system.
1PD-0085		System not safety related. DCR provides a receptacle on the plant vent duct platform.
1PD-0134		Design change to monitor operation of the steam dump system. The change does not impact present system design.

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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0001

5  
6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 900212 M HANGERS

12 DESCRIPTION OF PROBLEM, REPAIR HANGERS  
13  
14  
15 CORRECTIVE ACTION, INSTALL HANGERS

16  
17 908706 M 16 SERVICE WTR PMP

18 DESCRIPTION OF PROBLEM, UPPER MOTOR BEARING  
19  
20  
21 CORRECTIVE ACTION, CHECKED OIL IN UPPER BEARING AND APPEARED  
22 TO BE OK

23  
24 909264 M 12 SERVICE WTR PMP TRAVEL SCREEN

25 DESCRIPTION OF PROBLEM, SHEAR PIN BROKEN  
26  
27  
28 CORRECTIVE ACTION, REPLACED SHEAR PIN

29  
30 909274 M VALVE, 12SJ285

31 DESCRIPTION OF PROBLEM, REPACK VALVE  
32  
33  
34 CORRECTIVE ACTION, REPACKED VALVE

35  
36 909275 M VALVE, 12SJ286

37 DESCRIPTION OF PROBLEM, REPACK  
38  
39  
40 CORRECTIVE ACTION, REPACKED VALVE

41  
42 909401 M VALVE, 12SW21

43 DESCRIPTION OF PROBLEM, WHEN VALVE INDICATES OPEN IN CONTROL ROOM  
44 VALVE IS ONLY PARTIALLY OPEN, INDICATES  
45 CLOSED LOCALLY AND IN CONTROL ROOM WHILE  
46 IT IS FULL OPEN  
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SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0002

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
		CORRECTIVE ACTION,	REINSTALL LIMITORQUE OPERATOR TO VALVE IN PROPER ALIGNMENT
909489	M	DAMPER, 1CAA3	
		DESCRIPTION OF PROBLEM,	OPEN INDICATION ONLY
		CORRECTIVE ACTION,	OILED DAMPER
909616	M	AUX BLDG VENT	
		DESCRIPTION OF PROBLEM,	REPLACE BLANKET FILTER
		CORRECTIVE ACTION,	INSTALLED NEW FILTER
910378	M	11 SAFETY INJECTION PUMP	
		DESCRIPTION OF PROBLEM,	INSPFCT MECHANICAL SEAL FOR POSSIBLE LEAKAGE
		CORRECTIVE ACTION,	RESET AND TIGHTENED LOCKING DEVICE
910339	M	12 SAFETY INJECTION PUMP	
		DESCRIPTION OF PROBLEM,	INSPECT MECHANICAL SEAL FOR POSSIBLE LEAKAGE
		CORRECTIVE ACTION,	RESET SEALS AND TIGHTENED PACKING
912693	M	11 FAN COIL UNIT	
		DESCRIPTION OF PROBLEM,	REPLACED DEFECTIVE COOLING COIL
		CAUSE,	2 PRTRY COILS FAILED
		CORRECTIVE ACTION,	REPLACED TWO PRIMARY COILS
912694	M	11 SAFETY INJECTION PUMP	

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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0003

5  
6 WORK  
7 ORDER  
8 NUMBFR DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 DESCRIPTION OF PROBLEM, REPLACE LUBE OIL COOLER

12  
13 CAUSE, LEAK IN LUBE OIL COOLER

14  
15 CORRECTIVE ACTION, INSTALLED NEW COOLER

16  
17 913000 M VALVE, 11S39

18  
19 DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK AND REINSTALL

20  
21 CORRECTIVE ACTION, REINSTALLED WITH NEW GASKETS

22  
23 913043 M VALVE, 12S39

24  
25 DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK

26  
27 CORRECTIVE ACTION, RESET BY BACKING OFF STEM REINSTALLED  
28 WITH NEW GASKETS

29  
30 913044 M VALVE, 11S48

31  
32 DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK REINSTALL

33  
34 CORRECTIVE ACTION, RESET AND REINSTALLED VALVE

35  
36 913045 M VALVE, 12S48

37  
38 DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK REINSTALL

39  
40 CORRECTIVE ACTION, REMOVED VALVE, CHECKED LIFT SET FOR 600

41  
42 913046 M VALVE, 1AE99

43  
44 DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK REINSTALL

45  
46 CORRECTIVE ACTION, VALVE WAS REPAIRED

47  
48 913047 M VALVE, 1AE128

49  
50 DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK REINSTALL

SORTED 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

CORRECTIVE ACTION, VALVE RESET AND REINSTALLED

913048 M VALVE, 1CV6

DESCRIPTION OF PROBLEM, REMOVE LIFT SET CHECK REINSTALL

CORRECTIVE ACTION, LIFT SET CHECK POPPED

913051 M VALVE, 1CV241

DESCRIPTION OF PROBLEM, REMOVE LIFT SET, CHECK AND REINSTALL

CORRECTIVE ACTION, INSTALLED NEW O RING

914237 M SPARE ST PMP ROTATING ASS.

DESCRIPTION OF PROBLEM, GRIND IMPELLER WEAR RING APPEARS TO GOOD SURFACE. REPLACE WITH OVER SIZE WEAR RINGS AND MACHINE BACK TO FACTORY CLEARANCES

CORRECTIVE ACTION, NEW WEAR RINGS INSTALLED, IMPELLERS GROUND

914853 M VALVE, 12GB3

DESCRIPTION OF PROBLEM, PACKING GLAND PULLED ALL THE WAY DOWN

CORRECTIVE ACTION, ADDED EXTRA PACKING RINGS

914871 M VALVE, 1CV116

DESCRIPTION OF PROBLEM, VALVE FAILED LEAK RATE TEST, CHECK STROKE OF VALVE

CORRECTIVE ACTION, EVERYTHING WORKING PROPERLY

914872 M VALVE, 1CV284

DESCRIPTION OF PROBLEM, VALVE FAILED LEAK RATE TEST

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALFM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0005

WORK  
ORDER  
NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

CORRECTIVE ACTION, COULD NOT FIND ANYTHING WRONG

914883 M VALVE, 12CA330

DESCRIPTION OF PROBLEM, VALVE FAILED LEAK RATE TEST AFTER STROKING  
REPAIR

CORRECTIVE ACTION, CLEANED VALVE AND INSTALLED NEW BONNET  
GASKET

914899 M VALVE, 13SS94

DESCRIPTION OF PROBLEM, VALVE FAILED LEAK RATE TEST AFTER STROKING

CORRECTIVE ACTION, REPLACED BONNET GASKET

914923 M VALVE, 1VC7

DESCRIPTION OF PROBLEM, VALVE FAILED LEAK RATE TEST AFTER STROKING  
OPEN INSPECT AND REPAIR

CORRECTIVE ACTION, VALVE PARTS WERE REPLACED WITH NEW STEM  
AND NEW GASKET

914924 M VALVE, 1VC8

DESCRIPTION OF PROBLEM, VALVE FAILED LEAK RATE TEST AFTER STROKING  
INSPECT AND REPAIR VALVE

CORRECTIVE ACTION, VALVE STEM AND SEAT HAD RUTS, REPLACED  
WITH NEW PARTS

914943 M 15 FCU SERVICEWATER PIPING

DESCRIPTION OF PROBLEM, BELZONA PATCH ON LEAK IN LINE

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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALFM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0006

6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

10  
11 CORRECTIVE ACTION, MADE BEL70NA PATCH ON PIPE

13 914982 M 11 STM GENR HOT LEG

14 DESCRIPTION OF PROBLEM, REMOVE SANDPLUG OVER 11 STM GENR HOT LEG  
15 IN REACTOR PIT

17 CORRECTIVE ACTION, REMOVED PLUG AND INSULATION

19 915016 M PERSONNEL HATCH

20 DESCRIPTION OF PROBLEM, REPAIR INNER DOOR LATCHING

22 CORRECTIVE ACTION, INSTALLED NEW LATCH BEARING

24 915017 M ACCESS PANEL ON 130 AIRLOCK

25 DESCRIPTION OF PROBLEM, BROKEN BOLTS ON INNER ACCESS PANELS FOR  
26 INNER AND OUTER DOOR COVERS

28 CORRECTIVE ACTION, REPLACED MISSING BOLTS

30 915019 M 1A14XACB

31 DESCRIPTION OF PROBLEM, ADJUST ACB OVERLOADS

33 CORRECTIVE ACTION, PERFORMED PROCEDURE ON BREAKER

35 915038 M VALVE, 13GB3

36 DESCRIPTION OF PROBLEM, OPEN VALVE TO BLOCK AND TRY A PASS 13GB4  
37 LEAK RATE TEST

39 CORRECTIVE ACTION, INSPECTED AND REASSEMBLE FOR LEAK RATE  
40 TEST

42 915041 M 100 ELEV AIRLOCK OUTER DOOR

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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0007

5  
6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 DESCRIPTION OF PROBLEM, REPAIR AIRLOCK LOCKING BEARING

12  
13 CORRECTIVE ACTION, INSTALLED NEW PIN AND BEARING ON DOOR  
14 LATCH

15  
16 915057 M HANGER, 1C-15-SW-S-2

17  
18 DESCRIPTION OF PROBLEM, 1C-15-SW-S-2 READING ON SPRING SCALE IS  
19 800 DESIGN SETTING IS 918

20  
21 CORRECTIVE ACTION, RESET HANGER TO PROPER SETTING

22  
23 915065 M VALVE, 136B2

24  
25 DESCRIPTION OF PROBLEM, CANNOT HOLD TEST PRESSURE, VALVE LEAKING  
26 THROUGH, REWORK

27  
28 CAUSE, VALVE FAILED

29  
30 CORRECTIVE ACTION, WELDED NEW 136B2 VALVE IN

31  
32 915887 M SNUBBERS

33  
34 DESCRIPTION OF PROBLEM, REPLACE BOLTS

35  
36 CORRECTIVE ACTION, REPLACED BOLTS

37  
38 916849 M VALVE, 12MS18

39  
40 DESCRIPTION OF PROBLEM, REPACK VALVE

41  
42 CORRECTIVE ACTION, REPACKED VALVE

43  
44 917437 M VALVE, 13SW263

45  
46 DESCRIPTION OF PROBLEM, PIPE IS NOT CAPPED

47  
48 CORRECTIVE ACTION, INSTALLED CAP

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4 SORTED BY  
5 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0008

6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED  
9

10  
11 918523 M 12 ROD DRIVE VENT FAN

12  
13 DESCRIPTION OF PROBLEM,

LIGHT DOES NOT ILLUMINATE WITH FAN IN  
SERVICE

14  
15 CORRECTIVE ACTION,

INSTALLED NEW OPERATOR

16  
17 927665 M VALVES, 11 AND 12SJ113

18  
19 DESCRIPTION OF PROBLEM,

REPACK VALVES

20  
21 CORRECTIVE ACTION,

REPACKED VALVES

22  
23 929884 M 14 ROD DRIVE VENT FAN

24  
25 DESCRIPTION OF PROBLEM,

INTERMITTANT ACTUATION OF LOW AIR FLOW  
ALARM.

26  
27 CORRECTIVE ACTION,

INSTALLED NEW DEVICE

28  
29 932087 M 1 STM GENR SECONDARY MANWAYS

30  
31 DESCRIPTION OF PROBLEM,

INSTALL NEW GRAFOIL GASKETS

32  
33 CORRECTIVE ACTION,

REMOVED BOTH MANWAYS AND REPLACED COVERS  
USING NEW STYLE GASKET

34  
35 932088 M 12 STM GENR SECONDARY MANWAYS

36  
37 DESCRIPTION OF PROBLEM,

INSTALL NEW GRAFOIL GASKET

38  
39 CORRECTIVE ACTION,

REPLACED USING NEW TYPE GASKET

40  
41 932089 M 13 STM GENR SECONDARY MANWAYS

42  
43 DESCRIPTION OF PROBLEM,

INSTALL NEW GRAFOIL GASKETS

44  
45 CORRECTIVE ACTION,

INSTALLED NEW GASKETS

SORTED 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

932090      M      14 STM GENR MANWAYS(SECONDARY)

DESCRIPTION OF PROBLEM,      INSTALL NEW GRAFOIL GASKETS  
CORRECTIVE ACTION,      REPLACE BOTH COVERS USING NEW STYLE GASKET

932119      M      12 SERVICEWATER PUMP MOTOR

DESCRIPTION OF PROBLEM,      REMOVE MOTOR OF 12 SERVICE WATER PUMP  
CORRECTIVE ACTION,      LOWER BEARING INSTALLED BY KEYSIDNE

933971      M      15 SERVICEWTR PMP

DESCRIPTION OF PROBLEM,      SCREEN WILL NOT OPERATE IN AUTO OR MANUAL  
CORRECTIVE ACTION,      SWITCH SLIGHTLY STUCK

934019      M      VALVE, 11PC28

DESCRIPTION OF PROBLEM,      VALVE IS STUCK CAN'T MOVE  
CORRECTIVE ACTION,      CLOSED VALVE AND CLEANED THREADS

934104      M      15 CONTAINMENT FAN COIL UNIT

DESCRIPTION OF PROBLEM,      MOTOR COOLING OUTLET LINE HAS A LEAK WHERE  
IT JOINS THE FAN COIL OUTLET PIPING  
CORRECTIVE ACTION,      REPLACFD ELBOW AND 5 IN. BY 2 IN. PIPE

934126      M      VALVE, 1PC30

DESCRIPTION OF PROBLEM,      PENETRATION COOLING CHECK VALVE LEAKING  
TOP OF VALVE BLOWN OUT  
CORRECTIVE ACTION,      FABRICATED PLUGS FOR 1PC30 AND 1PC30 VALVE

934135      M      12A AND 12B START AIR COMP



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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0010

5  
6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 DESCRIPTION OF PROBLEM, AIR COMPRESSOR ON 1B DIESEL WILL NOT  
12 SHUTDOWN

13 CORRECTIVE ACTION, RESET COMPRESSOR

14  
15  
16 935481 M 1C DIESEL

17  
18  
19 DESCRIPTION OF PROBLEM, CONDUCT 18 MO. SURVEILLANCE

20 CORRECTIVE ACTION, INSPECTED INJECTORS REPLACED BAD ONE'S AND  
21 RESET VALVES

22  
23 936955 M VALVE, 12RC23

24  
25 DESCRIPTION OF PROBLEM, TIGHTEN OR REPACK VALVE

26 CORRECTIVE ACTION, REPACKED VALVE

27  
28  
29 936992 M VALVE, 14SJ25

30  
31 DESCRIPTION OF PROBLEM, REPACK VALVE

32 CORRECTIVE ACTION, REPACKED VALVES

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34  
35 937011 M VALVE, 139J13A

36  
37 DESCRIPTION OF PROBLEM, REPACK VALVE

38 CORRECTIVE ACTION, REPACKED VALVE

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41 937015 M VALVE, 14SJ21

42  
43 DESCRIPTION OF PROBLEM, REPACK VALVE

44 CORRECTIVE ACTION, REPACKED VALVE

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46  
47 937020 M VALVE, 11RC23

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49 DESCRIPTION OF PROBLEM, TIGHTEN OR REPACK VALVE

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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SAIFM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0011

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6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 CORRECTIVE ACTION, REPACKED VALVE  
12  
13 937026 M VALVE, 12SJ16

14 DESCRIPTION OF PROBLEM, REPACK VALVE

15 CORRECTIVE ACTION, REPACKED VALVE

16  
17 937027 M VALVE, 1SJ225

18 DESCRIPTION OF PROBLEM, REPACK VALVE

19 CORRECTIVE ACTION, REPACKED VALVE

20  
21 937028 M VALVE, 1SJ224

22 DESCRIPTION OF PROBLEM, REPACK VALVE

23 CORRECTIVE ACTION, REPAIRED PACKING

24  
25 937029 M VALVE, 12SJ313

26 DESCRIPTION OF PROBLEM, REPACK VALVE

27 CORRECTIVE ACTION, REPACKED VALVE

28  
29 937030 M VALVE, 11SJ26

30 DESCRIPTION OF PROBLEM, REPACK VALVE

31 CORRECTIVE ACTION, REPACKED VALVE

32  
33 937032 M VALVE, 11SJ23

34 DESCRIPTION OF PROBLEM, REPACK VALVE

35 CORRECTIVE ACTION, REPACKED VALVE

36  
37 937038 M VALVE, 12SJ26

38 DESCRIPTION OF PROBLEM, REPACK VALVE

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3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION.  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0012

5  
6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 CORRECTIVE ACTION, REPACKED VALVE

12  
13 937044 M VALVE, 14SJ26

14  
15 DESCRIPTION OF PROBLEM, REPACK VALVE

16  
17 CORRECTIVE ACTION, REPACKED VALVE

18  
19 937170 M VALVE, 1WL249

20  
21 DESCRIPTION OF PROBLEM, INSTALL PIPE AND HOSE CONNECTION TO ALLOW  
22 FLUSHING

23  
24 CORRECTIVE ACTION, WELD IN PIPE

25  
26 937171 M 16 SERVICEWTR PMP DISCHRG EXPANSION JOINT

27  
28 DESCRIPTION OF PROBLEM, HAS 1/8 IN. CRACK

29  
30 CORRECTIVE ACTION, INSTALLED NEW EXPANSION JOINT

31  
32 937185 M 13 SERVICE WTR PUMP

33  
34 DESCRIPTION OF PROBLEM, PUMP GLAND AND STRAINER GLAND LEAKING

35  
36 CORRECTIVE ACTION, NEEDS TO BE REPACKED

37  
38 939203 M VALVE, 14GB3

39  
40 DESCRIPTION OF PROBLEM, BLOCK BOUNDARY VALVE FOR LEAK RATE TEST

41  
42 CORRECTIVE ACTION, DISASSEMBLE AND INSPECTED

43  
44 939204 M VALVE, 1CV8

45  
46 DESCRIPTION OF PROBLEM, RECONDITION VALVE AND STEM

47  
48 CORRECTIVE ACTION, LAPPED AND BLUE CHECKED

49  
50 939205 M VALVE, 11GB3

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4 SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0013

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6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 DESCRIPTION OF PROBLEM, BLEEK BOUNDRY VALVE FOR LEAK RATE TEST

12  
13 CORRECTIVE ACTION, CLEANED BONNET AND BODY GASKET SURFACES  
14 AND INSTALLED NEW GASKET

15  
16 945330 M 11 CONT SPRAY PUMP

17  
18 DESCRIPTION OF PROBLEM, PUMP WILL NOT START FROM CONTROL ROOM

19  
20 CORRECTIVE ACTION, REMOVED BREAK FROM CUBICAL AND CLEANED  
21 BREAKER MAKE UP CONTACTS

22  
23 945334 M VALVE, 12CS6

24  
25 DESCRIPTION OF PROBLEM, VALVE BINDING UP

26  
27 CORRECTIVE ACTION, CLEANED BURRS OFF OF BUSHING

28  
29 945340 M VALVE, 14BF22

30  
31 DESCRIPTION OF PROBLEM, REPACK 14BF22

32  
33 CORRECTIVE ACTION, REPACKED VALVE

34  
35 945953 M STATUS PANEL DISPLAY

36  
37 DESCRIPTION OF PROBLEM, STATUS LIGHT FOR 1A VITAL BUS IS LUMINATED

38  
39 CORRECTIVE ACTION, REPLACED DIODE IN RP PANEL

40  
41 945974 M INSTRU, 1R SEC

42  
43 DESCRIPTION OF PROBLEM, TROUBLE ALARM WON'T RESET

44  
45 CORRECTIVE ACTION, REPLACED LAMP DRIVEN CARD

46  
47 909050 P 13 LOOP TH W.R.

48  
49 DESCRIPTION OF PROBLEM, RECORDER/CHANNEL FAILED

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2  
3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0014

5  
6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 CAUSE, BAD PC BOARD

12  
13 CORRECTIVE ACTION, CALIBRATED RECORDER TA0036

14  
15 915000 P VALVE, 1CV7

16  
17 DESCRIPTION OF PROBLEM, FAILED LEAK RATE TEST

18  
19 CORRECTIVE ACTION, STROKED VALVE FOUND TO BE POPPING OFF SEAT  
20 AT 55

21  
22 915481 P VALVE, 13SW40

23  
24 DESCRIPTION OF PROBLEM, YOKE BROKEN

25  
26 CORRECTIVE ACTION, HANDWHEEL BRACKET BOTTOM SCREW HOLES WERE  
27 BROKEN. TEMPORARILY FIXED WHILE NEW  
28 BRACKET ON ORDER

29  
30 920665 P HEAT TRACE

31  
32 DESCRIPTION OF PROBLEM, BROKEN CAPILLARY

33  
34 CORRECTIVE ACTION, RRPLACED CAPILLARIES TO 603P AND 608P

35  
36 928463 P INSTRU, 1N42

37  
38 DESCRIPTION OF PROBLEM, ADJUST NM301, ADJUST RECORDER NR42 AND  
39 NR47

40  
41 CORRECTIVE ACTION, ADJUSTED ISOLATION AMP NM301 TO REQUIRED  
42 OUTPUT. ADJUSTED RECORDER NR42 AND NR47 TO  
43 REQUIRED READINGS

44  
45 928485 P INSTRU, 1N31

1  
2  
3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0015

5  
6 WORK  
7 ORDER  
8 NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

9  
10  
11 DESCRIPTION OF PROBLEM, LOSS OF VOLTAGE ALARMING

12  
13 CORRECTIVE ACTION, ADJUSTED LOSS OF DETECTOR VOLTAGE TO  
14 REQUIRED POINT

15  
16 928512 P VALVE, 11RF19

17  
18 DESCRIPTION OF PROBLEM, BLOWN DIAPHRAGM IN AIR REGULATOR

19  
20 CORRECTIVE ACTION, REPLACED AIR REGULATOR

21  
22 928560 P POWER P8 STATUS PANEL LIGHT

23  
24 DESCRIPTION OF PROBLEM, LIGHT IS NOT ON BELOW P8

25  
26 CORRECTIVE ACTION, REMOVED, CLEANED CONTACTS, AND REPLACED  
27 A610 MEMORY BOARD IN DEMULTIPLEXER

28  
29 933520 P 12 STM GENR LOW LVL PROT CH 4

30  
31 DESCRIPTION OF PROBLEM, ALARM CONDITION

32  
33 CAUSE, COMPARATOR WILL NOT RESET

34  
35 CORRECTIVE ACTION, REPLACED 11C527C

36  
37 934152 P VITAL HEAT TRACE

38  
39 DESCRIPTION OF PROBLEM, HEATERS 608-620 NEED REPAIR

40  
41 CORRECTIVE ACTION, REPLACED 608P CAPILLARY-608S ON ORDER

42  
43 934400 P VALVE, 11SW122-305-49

44  
45 DESCRIPTION OF PROBLEM, STROKE

46  
47 CORRECTIVE ACTION, INSTALLED NEW POSITIONER AND LIMIT SWITCH

48  
49 934437 P INSTRU, 1HC110A

SORTED BY  
DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0016

WORK  
ORDER  
NUMBR DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

DESCRIPTION OF PROBLEM, CHANNEL OUT OF CALIBRATION

CORRECTIVE ACTION, REPLACED MANUAL/AUTO STATION

934438 P INSTRU, 1LT114

DESCRIPTION OF PROBLEM, CHANNEL OUT OF CALIBRATION

CORRECTIVE ACTION, INSTALLED NEW CONTROLLER

934443 P INSTRU, 1PT536

DESCRIPTION OF PROBLEM, CHANNEL OUT OF CALIBRATION

CAUSE, AUTO STATION FAILED

CORRECTIVE ACTION, INSTALLED MANUAL/AUTO STATION, INSTALLED CONTROLLER

934444 P INSTRU, 1LT539

DESCRIPTION OF PROBLEM, CHANNEL OUT OF CALIBRATION

CAUSE, COMPARATOR FAILED

CORRECTIVE ACTION, REPLACED COMPARATOR 1LC500

934448 P INSTRU, 1PT403 REACTOR COOL HOT LFG

DESCRIPTION OF PROBLEM, CHANNEL OUT OF CALIBRATION

CAUSE, BAD COMPARATOR

CORRECTIVE ACTION, REPLACED COMPARATOR

934450 P INSTRU, 1FMS12A STM GENR

DESCRIPTION OF PROBLEM, CHANNEL OUT OF CALIBRATION

CAUSE, BAD ISOLATOR

1  
2  
3 SORTED BY  
4 DEPARTMENT, WORK ORDER NO.

SALEM GENERATING STATION  
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0017

5 WORK

6 ORDER

7 NUMBER DEPT EQUIPMENT IDENTIFICATION

EXPLANATION OF WORK PERFORMED

8  
9  
10  
11 CORRECTIVE ACTION,

REPLACED ISOLATOR 1FM512A

12  
13 936061 P INSTRU, 13 MAINSTEAM 10

14  
15 DESCRIPTION OF PROBLEM,

TRIPPED TO MANUAL WHEN THE SETPOINT WAS  
16 CHANGED

17  
18 CAUSE,

INVESTIGATING

19  
20 CORRECTIVE ACTION,

REMOVED SERVO-DRIVEN SETPOINT STATION SER  
21 NO. 106 AND REPLACED WITH SER NO. 114

22  
23 936161 P 13 STM GENR WIDE RNG RECORDER

24  
25 DESCRIPTION OF PROBLEM,

RECORDER FAILED HIGH

26  
27 CAUSE,

SATURATED HIGH

28  
29 CORRECTIVE ACTION,

INSTALLED NEW TRANSMITTER FROM SUPPLIES

30  
31 939207 P VALVE, 1NT32

32  
33 DESCRIPTION OF PROBLEM,

SUPPORT INSTALL SENDER

34  
35 CORRECTIVE ACTION,

INSTALLED HAND SFNDER AND STROKED VALVE

36  
37  
38 TOTAL LINES = 000350

39 TOTAL A-RECS = 000098

40  
41 LAST UPDATE

801205

180841

42  
43 ENTER COMMANDS

44  
45 END OF RUN

46  
47  
48 @BRKPT PRINTS



SALEM UNIT #1  
OPERATING SUMMARY  
NOVEMBER 1980

11/1  
thru           Refueling Outage.  
11/30

REFUELING INFORMATION

DOCKET NO.: 50-272
UNIT: Salem #1
DATE: December 11, 1980
COMPLETED BY: L. K. Miller
TELEPHONE: 609-365-7000
Ext. 507

MONTH: November 1980

1. Refueling information has changed from last month:

YES NO X

2. Scheduled date of next refueling: September 1981

3. Scheduled date for restart following refueling: November 15, 1981

4. A. Will Technical Specification changes or other license amendments be required? YES NO NOT DETERMINED TO-DATE November 1980

B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES NO X If no, when is it scheduled? August 1981

5. Scheduled date(s) for submitting proposed licensing action: August 1981 (If Required)

6. Important licensing considerations associated with refueling: NONE

7. Number of Fuel Assemblies: A. In-Core 193 B. In Spent Fuel Storage 104

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