

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-272

UNIT Salem No. 1

DATE February 10, 1982

COMPLETED BY L. K. Miller

TELEPHONE 609-541-5900 X 507

MONTH January 1982

DAY AVERAGE DAILY POWER LEVEL

(MWe-NET)

1	<u>407</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>0</u>

OPERATING DATA REPORT

LOCKET NO.: 50-272

DATE: February 10, 1982

COMPLETED BY: L. K. Miller

TELEPHONE: 609-541-5900 X 507

OPERATING STATUS

- 1. Unit Name: Salem No. 1
- 2. Reporting Period: January 1982
- 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: N/A

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	744	744	40,249
12. Number Of Hours Reactor Was Critical	19.7	19.7	23,459.9*
13. Reactor Reserve Shutdown Hours	0.0	0.0	891.1
14. Hours Generator On-Line	19.5	19.5	22,472.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	35,450	35,450	66,129,797.8
17. Gross Electrical Energy Generated (MWH)	10,790	10,790	21,665,170
18. Net Electrical Energy Generated (MWH)	5,447	5,447	20,505,569
19. Unit Service Factor	2.6	2.6	55.8
20. Unit Availability Factor	2.6	2.6	55.8
21. Unit Capacity Factor (Using MDC Net)	.7	.7	47.2
22. Unit Capacity Factor (Using DER Net)	.7	.7	46.7
23. Unit Forced Outage Rate	0	0	31.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - January 2, 1982 - March 14, 1982

*Correction for 1977 - 1981

25. If Shut Down At End of Report Period, Estimated Date of Startup: March 14, 1982

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
09/30/76	12/11/76
11/01/76	12/25/76
12/20/76	06/30/77

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-272

REPORT MONTH January 1982

UNIT NAME: Salem No. 1

DATE: February 10, 1982

COMPLETED BY: L. K. Miller

TELEPHONE: 609-541-5900 X 507

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
82-010	1-01	F	0.0	A	5	----	HA	TURBIN	Low Pressure Turbine Blade Problem
82-012	1-01	S	0.0	H	5	----	RC	FUELXX	Coast Down Due To Fuel Depletion
82-014	1-01	S	724.5	C	5	----	RC	FUELXX	Annual Refueling Outage

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-Continuation of Previous Outage
5-Load Reduction
9-Other

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

5 Exhibit 1-Same Source

MAJOR PLANT MODIFICATIONS
REPORT MONTH January 1982

DOCKET NO: 50-272
UNIT NAME: Salem 1
DATE: February 10, 1982
COMPLETED BY: L. K. Miller
TELEPHONE: 609-541-5900 X 507

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
1EC-0749	RHR-Shielding Addition	Installation of shielding around an exposed 14" RHR line
1EC-0875	Service Water	Add break flanges in the 6" service water line
1SC-0284	Containment Fan Unit	Support and insulate drop resistor wiring in 1RPl
1SC-0432	Steam Generator Feedwater	Design a variable friction damping device to be added to the pipe support system on #14 Steam Generator feed line
1SC-0438	Manipulator Crane	Change existing gripper operation to dual cylinder air to engage and disengage

MAJOR PLANT MODIFICATIONS

REPORT MONTH January 1982

DOCKET NO.: 50-272

UNIT NAME: Salem No. 1

DATE: February 10, 1982

COMPLETED BY: L. K. Miller

TELEPHONE: 609-541-5900 X 507

*DCR NO.	10CFR50.59 SAFETY EVALUATION
1EC-0749	The new shielding for the R.H.R. lines at Elevation 55' in the Auxiliary Building is designed for the Design Base Earthquake; therefore, an unreviewed safety question is not involved.
1EC-0875	The addition of break flanges does not alter the original design concept of the service water system. An unreviewed safety question does not exist.
1SC-0284	This change does not alter the current function of the system and does not raise any safety question.
1SC-0432	No unreviewed safety question is involved as this Design Change Request will only add a helical spring coil in order to reduce vibration on the No. 14 feedwater line.
1SC-0438	<p>This change involves a modification to the manipulator crane fuel assembly gripper. The modification will change the existing gripper operation from gravity to engage and air to disengage to dual cylinder air to engage and disengage.</p> <p>The failure of the devices being added does not constitute a new hazard not previously analyzed. This modification does not affect the logic of the existing safety features which prevents the operation of the gripper except at zero suspended weight.</p>

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
940765	M	HEAT EXCHANGER, 11 CC DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	EDDY CURRENT TEST ALL TUBES IN NO. 11 CCHX TESTED 100% OF TUBES. 60 TUBES 50% OR GREATER THINNING AND 6 BLOCKED. PLUGGED 66 TUBES
947636	M	RECEIVER, 14 CONTROL AIR DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	INTERNAL INSP OF 14 CONTROL AIR RECEIVER INSPECTED INTERNALS 14 CONTROL AIR REC TANK, CLEAN OF CORROSION
984946	M	EMERG DIESEL 18 DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	DIESEL WILL COME UP TO SPEED BUT FIELD WILL NOT FLASH REPLACED SOLENOID VALVE ON GOVERNOR ACTUATOR
986048	M	TANK, AUX FEEDWATER DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	INTERNAL INSPECTION OF NO. 1 AUX FDWTR TANK INSPECTION COMPLETED, BLACK PLASTIC BAG REMOVED
986124	M	PERSONNEL AIR LOCK EL 130 DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	REPAIR AIRLOCK INNER DOOR STRAIGHTENED DOOR CLOSING SHAFT

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALFM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0002

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
987897	M	EMERG DIESEL 1B DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	LEAK ON END OF PRE LUBE HEATER REPLACED HEATER
987918	M	PERSONNEL AIR LOCK FL 100 DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	ROD END BEARING BROKEN REPLACED ROD END BEARING
989491	M	PERSONELL HATCH, 130 DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	OUTER DOOR WILL NOT OPEN DOOR INTERLOCK WAS NOT PROPERLY INSTALLED
989501	M	BREAKER, 12 AUX BLDG EXH FAN DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	UNABLE TO RACK BREAKER OUT REPLACED BREAKER, CAUSE OF FAILURE WAS OPERATOR OVERFORCING RACKING MECHANISM
989416	P	BATTERY, 1B 125V DESCRIPTION OF PROBLEM, CORRECTIVE ACTION,	FOUND GROUND IN CAB 1DDC. THE GROUND APPEARS TO BE ON 1SJ163 FOUND UPPER LIMIT SWITCH BOX OPEN INDICATION FULL OF WATER AND CORROSION, REPLACED LIMIT SWITCH
989486	P	TANK, 12 BA STORAGE DESCRIPTION OF PROBLEM,	LEVEL INDICATION FAILED HIGH

SORTED BY
DEPARTMENT, WORK ORDER NO.

SALFM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG

0003

WORK
ORDER
NUMBER DEPT EQUIPMENT IDENTIFICATION EXPLANATION OF WORK PERFORMED

CORRECTIVE ACTION,

BLEW OUT BUBBLER LINES AND LEVEL RETURNED
TO NORMAL. VERIFIED TRANSMITTER ZERO BY
EQUALIZING INPUT.

994732 P VALVE,1CV72

DESCRIPTION OF PROBLEM,

WHEN CHANING AUTO SETPOINT, VALVE GOES TO
MANUAL

CORRECTIVE ACTION,

REPLACED CAP #173621 IN SERVO DRIVEN
SET POINT STATION 1HC-110B

TOTAL LINES = 000050
TOTAL A-RECS = 000012

LAST UPDATE
820209
124906
ENTER COMMANDS
END OF RUN

@@@RKPT PRINTS

Page 9 of 11

SALEM UNIT 1
OPERATIONS SUMMARY REPORT
JANUARY 1982

1/01/82 Manually shutdown for annual refueling outage.

REFUELING INFORMATION

DOCKET NO.: 50-272

UNIT: Salem No. 1

DATE: February 10, 1982

COMPLETED BY: L. K. Miller

TELEPHONE: 609-541-5900X507

MONTH: January 1982

1. Refueling information has changed from last month:

YES X NO

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

3. Scheduled date for restart following refueling: December 12, 1982

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

NOT DETERMINED TO-DATE January 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