AVERAGE DAILY UNIT POWER LEVEL

Docket No. 50-311
Unit Name Salem # 2
Date May 10, 1983
Telephone 609-935-6000
Extension 4455

Completed by L. K. Miller

Month April 1983

Day	Average Daily Power Level (MWe-NET)	Day	Average Daily Power Level (MWe-NET)
1	0	16	[illegible]
2	0	17	[illegible]
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

Pg. 8,1-7 R1

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PDR ADOCK 05000311
R PDR

OPERATING DATA REPORT

Docket No. 50-311
Date May 10, 1983
Telephone 935-6000
Extension 4455

Completed by L. K. Miller

Operating Status

			Notes
1.	Unit Name	Salem No. 2	
2.	Reporting Period	April 1983	
3.	Licensed Thermal Power (MWt)	3411	
4.	Nameplate Rating (Gross MWe)	1162	
5.	Design Electrical Rating (Net MWe)	1115	
6.	Maximum Dependable Capacity (Gross MWe)	1149	
7.	Maximum Dependable Capacity (Net MWe)	1106	

8. If Changes Occur in Capacity Ratings (items 3 through 7) since Last Report, Give Reason N/A

9. Power Level to Which Restricted, if any (Net MWe) 0

10. Reasons for Restrictions, if any REFUELING OUTAGE

	This Month	Year to Date	Cumulative
11. Hours in Reporting Period	719	2879	13585
12. No. of Hrs. Reactor was Critical	0	470.3	10925.9
13. Reactor Reserve Shutdown Hrs.	0	3.3	38.9
14. Hours Generator On-Line	0	459.4	10796.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	1109383.2	31625932.2
17. Gross Elec. Energy Generated (MWH)	0	257340	10273590
18. Net Elec. Energy Generated (MWH)	(2491)	229278	9802925
19. Unit Service Factor	0	16.0	79.5
20. Unit Availability Factor	0	16.0	79.5
21. Unit Capacity Factor (using MDC Net)	0	7.2	65.2
22. Unit Capacity Factor (using DER Net)	0	7.1	64.7
23. Unit Forced Outage Rate	0	8.6	3.5

24. Shutdowns scheduled over next 6 months (type, date and duration of each)

N/A

25. If shutdown at end of Report Period, Estimated Date of Startup: June 14,1983

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

	Forecast	Achieved
Initial Criticality	6/30/80	8/2/80
Initial Electricity	9/1/80	6/3/81
Commercial Operation	9/24/81	10/13/81

8-1-7.R2

UNIT SHUTDOWN AND POWER REDUCTIONS
REPORT MONTH April 1983

Completed by L.K. Miller

Docket No. 50-311
Unit Name Salem No.2
Date May 10, 1983
Telephone 609-935-6000
Extension 4455

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
83-046	1/21	S	2377.6	C	4	---	HA	GENERA	Generator Maj Overhaul (Gen Overhaul items)
83-046	1/21	S	2377.6	C	4	---	HA	TURBIN	Major Turbine Overhaul (Gen Overhaul items)
83-046	1/21	S	2377.6	C	4	---	HC	HTEXCH	Misc Major Condenser Overhaul
83-046	1/21	S	2377.6	C	4	---	CA	FUELXX	Nuclear Normal Refueling

1
F: Forced
S: Scheduled

2 Reason
A-Equipment Failure-explain
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & Licensing Exam
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 (LER) File (NUREG 0161)

5 Exhibit 1 Salem as Source

MAJOR PLANT MODIFICATIONS

REPORT MONTH APRIL 1983

DOCKET NO: 50-311

UNIT NAME: Salem 2

DATE: May 10, 1983

COMPLETED BY: L. K. Miller

TELEPHONE: 609/935-6000 X4455

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
2EC-1214A	CVC	Replace the existing balance drum lock-nut on the centrifugal charging/safety injection pumps (21 & 22).
2EC-1400	4kV AC Power System	Modify short circuit bracing on the 4kV vertical lift metal clad switchgear equipment, buses 2A, 2B, 2C, 2E, 2F, 2G and 2H.
2EC-1441	Cranes and Hoist	Redesign overhead (monorail) handling systems for 4,500 lb. capacity of aux. feedwater motor driven pump motor.
2SC-0908	Containment Airlocks	Modify containment airlocks for Unit #2 with Chicago Bridge and Iron supervision to be the same as Unit #1.

* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS
REPORT MONTH APRIL

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: May 10, 1983
COMPLETED BY: L.K. Miller
TELEPHONE: 609/935-6000 X4455

*DCR NO.	10CFR50.59	SAFETY EVALUATION
2EC-1214A	These changes decrease the probability of shaft failure and increase the margin of safety involved. No unreviewed safety or environmental questions are involved.	
2EC-1400	This change increases the bracing of the 4KV group and vital busses. No unreviewed safety or environmental questions are involved.	
2EC-1441	The added connections are designed to fulfill the required capacity of the overhead handling systems. No unreviewed safety or environmental questions are involved.	
2SC-0908	No change in design or parts or operation of the air locks will take place. No unreviewed safety or environmental questions are involved.	

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
901001	M	2	VALVE, 2CV185 FAILURE DESCRIPTION: VALVE LEAKING FROM BODY/BONNET AREA APPROXIMATELY 1/2 GPM WHEN IN SERVICE. 820730 CORRECTIVE ACTION: INSTALLED NEW VALVE DIAPHRAM. 820809
907345	M	2	26 SERVICE WATER PUMP STRAINER FAILURE DESCRIPTION: STRAINER TRANSFORMER SMOKING. 820917 CORRECTIVE ACTION: REPLACED TRANSFORMER. 820917
908727	M	2	VALVE, 21SW223 FAILURE DESCRIPTION: DISASSEMBLE, INSPECT, REPAIR AS NECESSARY. 820914 CORRECTIVE ACTION: REMOVED TUBE BUNDLE AND REINSTALLED VALVE. TUBE BUNDLE WILL BE REINSTALLED UNDER WO# 924574 WHEN PARTS AVAILABLE. 830305
908728	M	2	VALVE, 22SW223 FAILURE DESCRIPTION: DISASSEMBLE, INSPECT, REPAIR AS NECESSARY. 820914 CORRECTIVE ACTION: REMOVED DAMAGED TUBE BUNDLE AND REINSTALLED VALVE. TUBE BUNDLE WILL BE REPLACED UNDER WO# 924575 WHEN PARTS AVAILABLE. 830310
908729	M	2	VALVE, 23SW223 FAILURE DESCRIPTION: DISASSEMBLE, INSPECT, REPAIR AS NECESSARY. 820914 CORRECTIVE ACTION: REMOVED DAMAGED TUBE BUNDLE AND REINSTALLED VALVE. TUBE BUNDLE WILL BE REPLACED ON WO# 984576 WHEN PARTS AVAILABLE. 830330

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
909841	M	2	22 CHARGING PUMP FAILURE DESCRIPTION: REPLACE 22 CHARGING PUMP LUBE OIL COOLER. 821122 CORRECTIVE ACTION: REPLACED COOLER. 830324
909842	M	2	21 SAFETY INJECTION PUMP FAILURE DESCRIPTION: REPLACE PUMP LUBE OIL COOLER. 821122 CORRECTIVE ACTION: REPLACED COOLER. 830325
909843	M	2	22 SAFETY INJECTION PUMP FAILURE DESCRIPTION: REPLACE PUMP LUBE OIL COOLER. 821122 CORRECTIVE ACTION: REPLACED COOLER. 830404
910076	M	2	VALVE, 2CV50 FAILURE DESCRIPTION: REPAIR VALVE SEAT. 821215 CORRECTIVE ACTION: REPLACED VALVE IAW DCP 2EC-1560 PKG 1 REV 3 ODCN M6/O. 821219
923033	M	2	21 CHILLER CONDENSER FAILURE DESCRIPTION: PLUG BLOWN OUT OF CONDENSER. 830309 CORRECTIVE ACTION: INTERNAL THREADS OK. FOLLOWED ENGINEERING ADVICE TO USE 316 STAINLESS PIPE PLUG REPLACEMENT.
925245	M	2	EL 100 CONTAINMENT AIR LOCK FAILURE DESCRIPTION: OUTER DOOR STUCK OPEN 4 INCHES AND INOPERABLE. 830226 CORRECTIVE ACTION: REALIGNED DOOR AND REPLACED CAMSHAFT FOLLOWER ROLLER

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
925248	M	2	2B VITAL BUS INFEED BREAKER FAILURE DESCRIPTION: INFEED BREAKER 22BSD TRIPPED OPEN WITH NO FLAGS INDICATION. CORRECTIVE ACTION: CONTROL CIRCUIT CHECK FOR SHORTS OR TRIP PERMISSIVE SAT. FOUND BLOWN FUSE CAUSING TRIP CONDITION VIA 27X-22 RELAY.
925493	M	2	VALVE, 2SJ79 FAILURE DESCRIPTION: VALVE WILL NOT MOVE. 830130 CORRECTIVE ACTION: REPLACED SEAT AND STEM PLUG ASSEMBLY, GASKETS AND PACKING. 830217
927478	M	2	EL 100 CONTAINMENT AIR LOCK FAILURE DESCRIPTION: DOOR WON'T OPEN. 830226 CORRECTIVE ACTION: ADJUSTED DOOR. 830226
928635	M	2	VALVE, 2MS132 FAILURE DESCRIPTION: VALVE IS LEAKING BY SEAT. 830108 CORRECTIVE ACTION: DISASSEMBLED, CLEANED, RESTELLITED DISC AND CAGE. BLUE CHECK 100%. 830222.
991853	M	2	VALVE, 22GB9 FAILURE DESCRIPTION: VALVE LEAKING BADLY. 820520 CORRECTIVE ACTION: LAPPED DISC AND SEAT. MACHINED GASKET SEATING SURFACE. INSPECTED AND CLEANED BONNET. 830225

WO NO	DEPT	UNIT	EQUIPMENT IDENTIFICATION
919714	P	2	22 S/G STEAM FLOW CH 1 FAILURE DESCRIPTION: CALIBRATE. 830219 CORRECTIVE ACTION: REPLACED MULTIPLIER/DIVIDER 2FM-522B
919999	P	2	RMS, 2R31 FAILURE DESCRIPTION: CHANNEL IN NO SCAN. 830209 CORRECTIVE ACTION: REPLACED OPTO-COUPLER IN LOOPS 1&2 RECEIVER. INSTALLED JUMPER ON CHANNEL ID SWITCH TO ENABLE LOOP 1. BENCH CHECK SAT.
923049	P	2	VALVE, 21MS10 ATMOS RELIEF FAILURE DESCRIPTION: VALVE WILL NOT OPERATE. BLOWING AIR OUT OF CONTROLLER. 830313 CORRECTIVE ACTION: REPLACED POSITIONER PILOT GASKET. 830314
930649	P	2	24 S/G PRESSURE CH 1 FAILURE DESCRIPTION: CHANNEL READING 40-60 PSI LOW. 821208 CORRECTIVE ACTION: REPLACED CAPACITORS C2, 3, 4, 6 & 7. 821208

SALEM UNIT 2

OPERATIONS SUMMARY REPORT

APRIL 1983

The First Refueling Outage of Salem Unit No. 2 commenced on January 21st, 1983, and has continued through the month of April.

REFUELING INFORMATION

COMPLETED BY: L.K. Miller

DOCKET NO.: 50-311
UNIT NAME: Salem 2
DATE: May 10, 1983
TELEPHONE: 609/935-6000
EXTENSION: 4455

Month May 1983

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

2. Scheduled date for next refueling: March 31, 1984

3. Scheduled date for restart following refueling: June 10, 1984

4. A) Will Technical Specification changes or other license amendments be required?
   YES ____ NO ____
   NOT DETERMINED TO DATE 5/1/83

   B) Has the reload fuel design been reviewed by the Station Operating Review Committee?
   YES ____ NO X
   If no, when is it scheduled? February 1984

5. Scheduled date(s) for submitting proposed licensing action:
   March 1984 (if required)

6. Important licensing considerations associated with refueling:
   NONE

7. Number of Fuel Assemblies:
   A) Incore 193
   B) In Spent Fuel Storage 72

8. Present licensed spent fuel storage capacity: 1170

   Future spent fuel storage capacity: 1170

9. Date of last refueling that can be discharged to spent fuel pool assuming the present licensed capacity: March 2000

8-1-7.R4