AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-311
UNIT Salem #2
DATE May 11, 1981
COMPLETED BY L.K. Miller
TELEPHONE 609-365-7000 X507

MONTH April 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

OPERATING DATA REPORT

DOCKET NO.: 50-311
DATE : May 11, 1981
COMPLETED BY: L.K. Miller
TELEPHONE: 609-365-7000 X507

OPERATING STATUS

1. Unit Name: Salem #2
2. Reporting Period: April 1981
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): 1104
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason:
N/A

Notes:

9. Power Level To Which Restricted, If Any (Net MWe): 5% Thermal Power
10. Reasons For Restrictions, If Any: Pending Full Power Operating License

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	719	2879	9048
12. Number Of Hours Reactor Was Critical	0	0	268.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	0	0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	0
17. Gross Electrical Energy Generated (MWH)	0	0	0
18. Net Electrical Energy Generated (MWH)	0	0	0
19. Unit Service Factor	0	0	0
20. Unit Availability Factor	0	0	0
21. Unit Capacity Factor (Using MDC Net)	0	0	0
22. Unit Capacity Factor (Using DER Net)	0	0	0
23. Unit Forced Outage Rate	0	0	0

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: N/A

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

	Forecast	Achieved
INITIAL CRITICALITY	6/30/80	8/2/80
INITIAL ELECTRICITY	9/01/80	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1981

DOCKET NO.: 50-311
UNIT NAME: Salem #2
DATE: May 11, 1981
COMPLETED BY: L.K. Miller
TELEPHONE: 609-365-7000X507

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
									N/A

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 (LER) File (NUREG-0161)

5
Exhibit 1-Same Source

MAJOR PLANT MODIFICATIONS
REPORT MONTH April 1981

DOCKET NO.:
UNIT NAME: Salem 2
DATE: May 11, 1981
COMPLETED BY: L.K. Miller
TELEPHONE: 609-365-7000 X507

*DCR NO.	PRINCIPLE SYSTEM	SUBJECT
2EC-0564	115 VAC Vital Inverters	Upgrade Design of Garrett Inverter
2EC-0771	ECCS Valves	Provide 115 V Control Power Lock Out
2EC-0818	Reactor Coolant	2PR1 and 2PR2 Limit Switch Replacement
2EC-0823	Fire Protection	Remove Shutdown Panel
2EC-0845	Residual Heat Removal	Attachment for No. 22 RHR Pump Motor
2EC-0934	Fire Protection	Installation of a Dedicated Power Supply
2SC-0324	Stator Cooling Water	Replace Present Discharge Check Valves

* DESIGN CHANGE REQUEST

DOCKET NO.: 50-311

MAJOR PLANT MODIFICATIONS

REPORT MONTH April 1981

UNIT NAME: Salem #2

DATE: May 11, 1981

COMPLETED BY: L.K. Miller

TELEPHONE: 609-365-7000 X507

*DCR NO.	10CFR50.59 SAFETY EVALUATION
2EC-0564	This change is safety related and does affect a safety related system. This is an upgrade on the existing inverter system. This also improves releability and does not alter safety function.
2EC-0771	This design change addresses subject matter brought out in existing SAR questions and revises the answers to these questions per ODCN C22 of this DCR. This design change ensures the ability to reposition the ECCS valves given conditions of inaccessibility to the penetration area during LOCA conditions. The previous design would have required exposure of the operator. This change is required primarily by results of shielding review study.
2EC-0818	This change installs environmentally qualified limit switches in place of unqualified limit switches, and installs environmentally qualified electric conductor seal assemblies on various limit switches. The functional design and reliability are not affected.
2EC-0823	The installation of the required steel frame does not require a change to the SAR or technical specifications and does not present an unreviewed safety question.
2EC-0845	The revision to the snubber design does not alter the original concept of the RHR system in any way. Therefore, this DCR does not present an unreviewed safety question.
2EC-0934	Implementation of the structural package is required to support anchorage for non-safety related panels issued under package No. 1. No safety related equipment will be affected by this package.
2SC-0324	The installation of the mission duo check valves in the place of the "Swing" check valves does not alter the original design concept of the system in any way. The addition of this type check valve in the pipe line does not change the technical specification or the FSAR.

*DCR CHANGE REQUEST

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG
UNIT 2

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
909183	MD	Valve, 2PS28	Description of Problem - Packing leak Corrective Action Taken - Pulled up on packing
909184	MD	Valve, 2PS1	Description of Problem - Packing leak Corrective Action Taken - Repacked
909322	MD	Valve, 2CV45	Description of Problem - Valve is leaking thru Corrective Action Taken - Replaced valve
902996	MD	Incore Detector System	Description of Problem - Drive "A" comparitor failed Corrective Action Taken - Replaced circuit cards
942685	MD	Valve, 2PR10	Description of Problem - Packing leak Corrective Action Taken - Repacked
943045	MD	Containment Air Lock	Description of Problem - Excessive leakage Corrective Action Taken - Adjusted bearing on locking mechanism
943111	MD	Valve, 2PS11	Description of Problem - Packing leak Corrective Action Taken - Repacked
943114	MD	Valve, 2PS13	Description of Problem - Packing leak Corrective Action Taken - Repacked
943115	MD	Valves, 22RC10, 11, 12	Description of Problem - Packing leaks Corrective Action Taken - Repacked
943116	MD	Valve, 24RC9	Description of Problem - Packing leak Corrective Action Taken - Repacked

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
943117	MD	Valves, 22RC21 & 22	Description of Problem - Packing leaks Corrective Action Taken - Repacked
943118	MD	Valve, 22RC27	Description of Problem - Packing leak Corrective Action Taken - Repacked
943147	MD	Valve, 2CV20	Description of Problem - Packing leak Corrective Action Taken - Repacked
943713	MD	No. 2C Diesel Generator Jacket Water Pump	Description of Problem - Install pump vent valve Corrective Action Taken - Installed pump vent valve
943756	MD	Valve, 2CV185	Description of Problem - Diaphram leaking Corrective Action Taken - Tightened bonnet bolts
943769	MD	No. 23 Rod Drive Vent Fan	Description of Problem - Breaker won't close Corrective Action Taken - Cleaned breaker contacts
943771	MD	Containment Air Lock	Description of Problem - Outer door won't close Corrective Action Taken - Replaced cam follower
943818	MD	No. 2B Diesel Generator	Description of Problem - "Field Ground" alarm won't clear Corrective Action Taken - Replaced relay
943838	MD	Valve, 26SW25	Description of Problem - Internals are moving Corrective Action Taken - Tightened packing and allen nuts
944987	MD	No. 2B Diesel Day Tank	Description of Problem - Tank inspection cover leaking Corrective Action Taken - Replaced cover gasket
944991	MD	No. 2C Diesel Generator Control Area Exhaust Fan	Description of Problem - Running light won't light Corrective Action Taken - Lubricated limit switch

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
945075	MD	No. 2B Diesel	Description of Problem - Packing leak on IL cylinder Corrective Action Taken - Tightened injector lubricator
945084	MD	Valve, 2CV139	Description of Problem - Does not make up closed limit Corrective Action Taken - Installed new limitorque operator
945140	MD	No. 23 Service Water Pump Strainer	Description of Problem - Strainer runs with pump out of service Corrective Action Taken - Replaced pressure switch
945752	MD	Excess Letdown Heat Exchanger	Description of Problem - Head flange leak Corrective Action Taken - Tightened head bolts
945780	MD	No. 21 Shield Vent Fan	Description of Problem - Low flow alarm Corrective Action Taken - Instrument vent valves closed
945887	MD	No. 23 Auxiliary Feedwater Pump	Description of Problem - Pump won't reset Corrective Action Taken - Governor linkage freedup
947761	MD	No. 23 Service Water Pump	Description of Problem - Packing leak Corrective Action Taken - Repacked
947766	MD	No. 2C Diesel Generator	Description of Problem - Control voltage alarm won't clear Corrective Action Taken - Replaced lead on relay
947925	MD	No. 2B Diesel Generator	Description of Problem - Diesel would not stop Corrective Action Taken - Replace solenoid in Woodward governor
947945	MD	No. 24 Reactor Coolant Pump	Description of Problem - Low flow alarm to pump bearings Corrective Action Taken - Replaced alarm circuit board
928283	PD	No. 21 Auxiliary Feedwater Pump	Description of Problem - Pump pressure override circuit not functioning Corrective Action Taken - Replaced oscillator amplifier assembly

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
928285	PD	Valves, 21 & 22SW8	Description of Problem - Rework actuators Corrective Action Taken - Rebuilt actuators
932625	PD	Valve, 21BF40	Description of Problem - Valve will not open all the way Corrective Action Taken - Adjusted limit switch and positioner
934486	PD	Radiation Monitor 2R12B	Description of Problem - Channel failed Corrective Action Taken - Replaced operational amplifier
934493	PD	Nuclear Instrumentation Channel 2N31	Description of Problem - High voltage alarm Corrective Action Taken - Adjusted setpoint
934514	PD	Valve, 21BF40	Description of Problem - No close limit switch Corrective Action Taken - Realigned indicating bezel
939641	PD	Valve, 24BF19	Description of Problem - Exceeds stroke time Corrective Action Taken - Adjusted limit switches
939642	PD	Valve, 24BF19	Description of Problem - Exceeds stroke time Corrective Action Taken - Adjusted limit switches
943792	PD	Valve, 2SJ166	Description of Problem - Valve will not open Corrective Action Taken - Repaired stuck relay
943793	PD	Valve, 21SJ50	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943798	PD	Valve, 21SJ57	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943799	PD	Valve, 22SJ57	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
943800	PD	Valve, 21SJ57	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943801	PD	Valve, 21SJ58	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943802	PD	Valve, 22SJ58	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943803	PD	Valve, 23SJ58	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943804	PD	Valve, 24SJ58	Description of Problem - Valve closed indicator not functioning Corrective Action Taken - Adjusted closed limit
943805	PD	Valve, 24SJ58	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943807	PD	Valve, 2SJ63	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943808	PD	Valve, 24SJ57	Description of Problem - Valve will not open Corrective Action Taken - Adjusted air regulator
943830	PD	Valve, 22SJ162	Description of Problem - No open or close indication Corrective Action Taken - Replaced solenoid valve
944958	PD	No. 22 Service Water Header	Description of Problem - Header pressure low Corrective Action Taken - Transmitter power supply replaced
945049	PD	Valve, 22SW39	Description of Problem - Valve will not fully close Corrective Action Taken - Valve stroked

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
945079	PD	Valve, 2CV244	Description of Problem - Valve not maintaining pressure Corrective Action Taken - Adjusted regulator
945758	PD	Steam Generator Level	Description of Problem - Independent channels do not correspond Corrective Action Taken - Filled transmitter reference legs
945773	PD	Valve, 2VC9	Description of Problem - Does not stay open Corrective Action Taken - Adjusted limit switch
945883	PD	No. 22 Feedwater Flow Channel II	Description of Problem - Indicates flow with no flow condition Corrective Action Taken - Filled transmitter reference legs
945909	PD	Valve, 24MS10	Description of Problem - Valve drifts open Corrective Action Taken - Replaced auto/manual controller
947708	PD	Valve, 2VC7	Description of Problem - Open limit switch not working Corrective Action Taken - Cleaned contacts
947915	PD	Valve 25SW57	Description of Problem - Feedback arm broken Corrective Action Taken - Replaced pin in arm

REFUELING INFORMATION

DOCKET NO.: 50-311
UNIT: Salem #2
DATE: May 11, 1981
COMPLETED BY: L.K. Miller
TELEPHONE: 609-365-7000
X507

MONTH: April 1981

1. Refueling information has changed from last month:

   YES X NO ____

2. Scheduled date of next refueling: January 8, 1983
3. Scheduled date for restart following refueling: April 3, 1983
4. A. Will Technical Specification changes or other license amendments be required? YES ____ NO ____

   NOT DETERMINED TO-DATE April 1981

   B. Has the reload fuel design been reviewed by the Station Operating Review Committee? YES ____ NO X

   If no, when is it scheduled? December 1982
5. Scheduled date(s) for submitting proposed licensing action:

   December 1982 (If Required)
6. Important licensing considerations associated with refueling:

   NONE
7. Number of Fuel Assemblies:

   A. In-Core 193

   B. In Spent Fuel Storage 0
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: March 2000