

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-311

UNIT Salem No. 2

DATE March 11, 1981

COMPLETED BY L.K. Miller

TELEPHONE 609-365-7000 X507

MONTH February 1981

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	- - -
30	- - -
31	- - -

OPERATING DATA REPORT

DOCKET NO.: 50-311

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OPERATING STATUS

1. Unit Name: Salem #2
2. Reporting Period: February 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:
NONE

Notes:

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

	This Month	Year to Date	Cumulative
11. Hours In Reporting Period	672	1416	7585
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): <u>NONE</u>			

25. If Shut Down At End of Report Period, Estimated Date of Startup: NA

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

Forecast

6/30/80

9/01/80

NA

Achieved

8/2/80

NA

NA

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1981

DOCKET NO.: 50-311

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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 (LET) File
(MURR-0161)

5 Exhibit 1-Same
Source

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* DESIGN CHANGE REQUEST
8-1-7.R1

MAJOR PLANT MODIFICATIONS

REPORT MONTH February 1981DOCKET NO.: 50-311UNIT NAME: Salem #2DATE: March 11, 1981COMPLETED BY: L.K. MillerTELEPHONE: 609-365-7000 X507

*DCR NO.	10CFR50.59	SAFETY EVALUATION
2EC-0619	This DCR expands the existing fire protection system to cover additional areas of the plant. In doing so it does not affect the integrity of the existing system or any safety related equipment or system.	
2EC-0693	The installation of core bore holes for the Halon fire protection system in the relay room had been structurally approved, and does not present an unreviewed safety question.	
2EC-0820	The 1" core bore hole in the roof slab of the south penetraion scaling with caulking does not require a change to the SAR or Tech. Specs. and does not present an unreviewed safety question. There is no affect on the plant fire protection.	
2EC-0910	The radio equipment being added is not safety related. However, it does require a reliable source of power. Therefore we have provided a class 1E breaker from the 1A 115 VAC vital bus as a reliable source for this equipment. In doing so the existing safety analysis for the bus is unchanged.	
2EC-0940	This is a non-safety related system and as such the modification will not affect safety margin or have any safety implications.	
2EC-1037	The design change assures compliance with the original intent and does not functionally change the system operation.	
2EC-1044	This design change replaces the fill fluid of the containment pressure transmitters in the safety injeciton system. Distilled water is replaced by 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.	
2EC-1085	The design change will enhance the circuit reliability and meet the original functional intent. Change does not affect existing safety analysis.	

SALEM GENERATING STATION
SAFETY RELATED EQUIPMENT WORK ORDER LOG
UNIT 2

<u>WORK ORDER NUMBER</u>	<u>DEPT</u>	<u>EQUIPMENT IDENTIFICATION</u>	<u>EXPLANATION OF WORK PERFORMED</u>
910690	MD	22 Service Water Pump - Strainer	Description of Problem - Pump will not maintain header pressure Corrective Action Taken - Cleaned strainer elements
910721	MD	Valve, 22AF52	Description of Problem - Close limit switch will not make up Corrective Action Taken - Adjusted open and close limit switches
910833	MD	Pump, 21 Service Water	Description of Problem - Alarm comes in and out with header pressure at 40 PSIG Corrective Action Taken - Rebuilt pressure gauge, 2PD6214
910837	MD	Valve, 2CS16	Description of Problem - Valve leaks through Corrective Action Taken - Replaced disc
910838	MD	Valve, 2CS17	Description of Problem - Valve will not open Corrective Action Taken - Replaced blown overload heaters in overload terminal box
920014	MD	2D Vital Instrument Bus Inverter	Description of Problem - Will not supply power to instrument bus Corrective Action Taken - Replaced 6 blown fuses and faulty relay
920405	MD	Valve, 2CC118	Description of Problem - Leaking badly Corrective Action Taken - Added three rings of packing
920421	MD	Pump, 2B Diesel Pre Lube	Description of Problem - Leakage Corrective Action Taken - Installed new mechanical seal
935438	MD	No. 23 Chiller - Recirculating Pump	Description of Problem - Packing gland leak Corrective Action Taken - Installed new seals
939498	MD	VHT Heater 2108B	Description of Problem - Heater failed Corrective Action Taken - Replaced blown fuse and thermostat

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
939513	MD	Circuit Breaker, 22SJ33	Description of Problem - As soon as breaker is closed it trips open again Corrective Action Taken - Adjusted torque switch setting
939545	MD	2B Diesel Generator Turbo Boost	Description of Problem - Air compressor running with low pressure Corrective Action Taken - Replaced turbo boost air inlet valves
939585	MD	2B Emergency Diesel	Description of Problem - "Stop" lite illuminated on console while diesel is running Corrective Action Taken - Replaced SR relay
942273	MD	Valve, 2SS126	Description of Problem - Valve stem stuck Corrective Action Taken - Cleaned out boric acid and removed packing gland
942274	MD	Valve, 2SS128	Description of Problem - Valve not working Corrective Action Taken - Cleaned out boric acid and removed packing gland
942614	MD	2B Diesel Urgent Trouble Alarm	Description of Problem - Failure alarm illuminated locally, but pre-lube pump is still running Corrective Action Taken - Calibrated device 2PP7231
942634	MD	Strainer, No. 26 Service Water	Description of Problem - Strainer shear pin is broken and lower hand hole is leaking Corrective Action Taken - Replaced shear pin and repaired hand hole cover
944497	MD	Strainer, No. 24 Service Water	Description of Problem - Will not run in automatic Corrective Action Taken - Replaced differential device 2PD288
946088	MD	No. 22 Chiller	Description of Problem - Will not remain in service Corrective Action Taken - Adjusted by Thermec Company
910605	PD	Solid State Protection Cabinet	Description of Problem - Milliamp test meter on "A" train is reading mid scale instead of full scale Corrective Action Taken - Replaced resistor on meter

WORK ORDER NUMBER	DEPT	EQUIPMENT IDENTIFICATION	EXPLANATION OF WORK PERFORMED
910739	PD	Valve, 2CV134	Description of Problem - No indication when selected "flow to VCT" Corrective Action Taken - Adjusted limit switch
919860	PD	No. 23 Charging Pump Speed Contr	Description of Problem - Running high at middle and upper end Corrective Action Taken - Replaced square root extractor
920426	PD	Valve, 22RH18	Description of Problem - Can not get close indication on console Corrective Action Taken - Adjusted close limit switch
920435	PD	Monitor, 2RI9B	Description of Problem - Monitor failed Corrective Action Taken - Batteries shorted out and were replaced, as was a diode in the CD module
927607	PD	VLT Low Level Alarm	Description of Problem - Alarm did not annunciate at 14% volt. level. Actual level was 10% Corrective Action Taken - Replaced faulty comparitor
928238	PD	Radiation Monitoring, 2R12B	Description of Problem - No scan to computer Corrective Action Taken - Replaced 862CD and 866I modules
934387	PD	No. 2 Auxiliary Feed Water Storage Tank	Description of Problem - Transmitter leaks Corrective Action Taken - Installed new transmitter
942715	PD	Valve, 23MS171	Description of Problem - Leak around diaphram Corrective Action Taken - Tightened diaphram bolts
942818	PD	Valve, 2VC5	Description of Problem - Simultaneous open and closed indication Corrective Action Taken - Adjusted limit switch
944499	PD	Valve, 26SW24	Description of Problem - Valve not operating Corrective Action Taken - Repaired actuator internals

<u>WORK ORDER NUMBER</u>	<u>DEPT</u>	<u>EQUIPMENT IDENTIFICATION</u>	<u>EXPLANATION OF WORK PERFORMED</u>
946129	PD	Doric Point 108	<p>Description of Problem - Discrepancy in temperature readings</p> <p>Corrective Action Taken - Tightened control knob for HC 2108B, which was loose</p>

REFUELING INFORMATION

DOCKET NO.: 50-311

UNIT: Salem #2

DATE: March 11, 1981

COMPLETED BY: L.K. Miller

TELEPHONE: 609-365-7000

X507

MONTH: February 1981

1. Refueling information has changed from last month:

YES X NO

2. Scheduled date of next refueling: December 4, 1982

3. Scheduled date for restart following refueling: February 27, 1983

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

NOT DETERMINED TO-DATE February 1981

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

If no, when is it scheduled? November 1982

5. Scheduled date(s) for submitting proposed licensing action:

November 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