

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-368

UNIT 2

DATE 4/13/81

COMPLETED BY Rex Pendergraft

TELEPHONE (501) 968-2519

MONTH March, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>887</u>
2	<u>677</u>
3	<u>662</u>
4	<u>795</u>
5	<u>884</u>
6	<u>886</u>
7	<u>886</u>
8	<u>886</u>
9	<u>886</u>
10	<u>99</u>
11	<u>424</u>
12	<u>876</u>
13	<u>881</u>
14	<u>882</u>
15	<u>882</u>
16	<u>820</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>232</u>
19	<u>788</u>
20	<u>881</u>
21	<u>882</u>
22	<u>883</u>
23	<u>882</u>
24	<u>881</u>
25	<u>881</u>
26	<u>880</u>
27	<u>830</u>
28	<u>24</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

8211150566 810413
PDR ADOCK 05000368
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-368
DATE 4/13/81
COMPLETED BY Rex Pendergraft
TELEPHONE (501) 968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: March 1-31, 1981
3. Licensed Thermal Power (MWt): 2815
4. Nameplate Rating (Gross MWe): 942.57
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): 897
7. Maximum Dependable Capacity (Net MWe): 858
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

NONE

9. Power Level To Which Restricted, If Any (Net MWe): NONE

10. Reasons For Restrictions, If Any: NONE

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2,160.0	8,904.0
12. Number Of Hours Reactor Was Critical	595.6	1,968.0	6,998.8
13. Reactor Reserve Shutdown Hours	54.9	54.9	859.5
14. Hours Generator On-Line	587.3	1,952.2	6,868.2
15. Unit Reserve Shutdown Hours	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	1,562,249.0	5,094,885.0	16,939,047.0
17. Gross Electrical Energy Generated (MWH)	511,350.0	1,673,589.0	5,506,490.0
18. Net Electrical Energy Generated (MWH)	488,514.0	1,599,905.0	5,247,102.0
19. Unit Service Factor	78.9	90.4	77.1
20. Unit Availability Factor	78.9	90.4	78.0
21. Unit Capacity Factor (Using MDC Net)	76.5	86.3	68.7
22. Unit Capacity Factor (Using DER Net)	72.0	81.2	64.6
23. Unit Forced Outage Rate	9.7	5.5	22.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Start-up:

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

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

DATE: April, 1981

- DATE: 1989

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-368

UNIT NAME ANO-Unit II

DATE 4/13/81

COMPLETED BY Rex A. Pendergraft

TELEPHONE 501/968-2519

Ext. 3115

REPORT MONTH March

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
81-03	3-10-81	F	25.8	A	3	None	HA	GENERA	Pilot exciter brushes failed causing a generator low voltage trip. Brushes were replaced.
81-04	3-16-81	F	26.5	A	3	None	CH	INSTRU	F. W. control system hi level select module failed causing a low S/G level trip. Module was replaced.
81-05	3-18-81	F	10.7	G	3	None	IA	INSTRU	Rx tripped while performing testing on the Core Protection Calculators due to human error. Personnel were instructed in the proper testing methods.
81-06	3-28-81	S	93.7	C	1	N/A	NA	NA	Refueling shutdown.

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-Other (Explain)

4 Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
01611)

5 Exhibit I - Same Source

MONTHLY OPERATION REPORT
OPERATING SUMMARY - MARCH 1981
UNIT II

The Unit was operating at full power during the start of this reporting period. Condenser tube leaks forced a power reduction on 3-2-81. Full power operation was achieved on 3-4-81 following temporary repairs to the Main Condenser. The Unit tripped on 3-10-81 due to problems with the pilot Exciter on the Main Generator. The Unit tripped due to low generator voltage. Full power operation was again achieved on 3-11-81. A reactor trip was experienced on 3-16-81 due to failed feedwater control instrumentation (Steam Generator High Level Select Module in the feedwater control system). The instrument problems were corrected and power escalation was initiated on 3-18-81. Prior to reaching full power operation a reactor trip occurred from approximately 91% full power. The cause of the trip was found to be due to human error. Instrumentation technicians were performing surveillance testing on the core protection calculators at the time the trip occurred. The Unit was returned to full power operation on 3-19-81 and remained at power until 3-28-81 when a scheduled refueling outage occurred. The Unit was brought to a cold shutdown condition for the remainder of this reporting period.