

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-368

UNIT ANO-2

DATE 10/12/79

COMPLETED BY Rex Pendergraft

TELEPHONE 501/968-2519

MONTH September 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	167
2	287
3	401
4	403
5	406
6	400
7	399
8	79
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	47
28	189
29	199
30	196
31	NA

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.

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7910170 233

OPERATING DATA REPORT

DOCKET NO. 50-368
DATE 10-12-79
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OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: September 1 - 30, 1979
3. Licensed Thermal Power (MWt): 2815
4. Nameplate Rating (Gross MWe): 959
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): NA
7. Maximum Dependable Capacity (Net MWe): NA
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
NONE

Notes

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>6551.0</u>	<u>7295.0</u>
12. Number Of Hours Reactor Was Critical	<u>356.7</u>	<u>2709.6</u>	<u>3144.5</u>
13. Reactor Reserve Shutdown Hours	<u>232.3</u>	<u>2142.9</u>	<u>2285.1</u>
14. Hours Generator On-Line	<u>262.9</u>	<u>2369.0</u>	<u>2421.8</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>21.7</u>	<u>21.7</u>
16. Gross Thermal Energy Generated (MWH)	<u>301072.0</u>	<u>2533092.0</u>	<u>2577670.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>84555.0</u>	<u>695308.0</u>	<u>700875.0</u>
18. Net Electrical Energy Generated (MWH)	<u>76006.0</u>	<u>620243.0</u>	<u>624227.0</u>
19. Unit Service Factor	} <u>NA UNTIL COMMERCIAL OPERATION</u>		
20. Unit Availability Factor			
21. Unit Capacity Factor (Using MDC Net)			
22. Unit Capacity Factor (Using DER Net)			
23. Unit Forced Outage Rate			
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 Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|------------|-----------------|
| INITIAL CRITICALITY | <u>---</u> | <u>12-5-78</u> |
| INITIAL ELECTRICITY | <u>---</u> | <u>12-26-78</u> |
| COMMERCIAL OPERATION | <u>---</u> | <u>1-20-80</u> |

POOR ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September

DOCKET NO. 50-368
UNIT NAME ANO-Unit Two
DATE 10-12-79
COMPLETED BY Rex Pendergraft
TELEPHONE 501-968-2519

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
79-21	9-8-79	F	457.1	A	1	None	HC	HTEXCH	Condensor tube ruptures and cracks in Hotwell False Floor

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-
0161)

⁵
Exhibit I - Same Source

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REFUELING INFORMATION

DATE: September 1979

1. Name of facility. Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. 2/1/81
3. Scheduled date for restart following refueling. 4/1/81
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
If answer is yes, what, in general, will these be?
If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?
Yes. Description of effects of new core loading
5. Scheduled date(s) for submitting proposed licensing action and supporting information. 12/1/80
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.
NONE
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 0
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.
present 486 increase size by 566
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

DATE: 1993

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NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY - SEPTEMBER, 1979

UNIT II

The 50% power plateau testing continued from the previous month. The unit was manually shutdown on the 9-8 due to high chlorides in the secondary. Condensor tube ruptures and cracks in the condensor false floor kept the unit down until 9-22. While returning to power, the reactor tripped on low DNBR. The unit was returned to power on 9-25 and power operation has continued throughout the remainder of the month.