

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-368

UNIT ANO-2

DATE 8-14-79

COMPLETED BY C. N. Shively

TELEPHONE 501/968-2519

MONTH July

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>374</u>
2	<u>372</u>
3	<u>372</u>
4	<u>372</u>
5	<u>36</u>
6	<u>0</u>
7	<u>61</u>
8	<u>188</u>
9	<u>344</u>
10	<u>373</u>
11	<u>393</u>
12	<u>379</u>
13	<u>383</u>
14	<u>387</u>
15	<u>384</u>
16	<u>75</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>130</u>
18	<u>383</u>
19	<u>250</u>
20	<u>387</u>
21	<u>388</u>
22	<u>386</u>
23	<u>383</u>
24	<u>381</u>
25	<u>382</u>
26	<u>382</u>
27	<u>382</u>
28	<u>381</u>
29	<u>381</u>
30	<u>380</u>
31	<u>389</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)

783 345

7908230373

OPERATING DATA REPORT

DOCKET NO 50-368
 DATE 8-14-79
 COMPLETED BY C. N. Shively
 TELEPHONE 501/968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: July 1-31, 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	744.0	5087.0	5831.0
12. Number Of Hours Reactor Was Critical	665.1	1682.7	2117.6
13. Reactor Reserve Shutdown Hours	0.0	1910.6	2052.8
14. Hours Generator On-Line	656.0	1494.5	1547.3
15. Unit Reserve Shutdown Hours	0.0	21.7	21.7
16. Gross Thermal Energy Generated (MWH)	886475.0	1468588.0	1513166.0
17. Gross Electrical Energy Generated (MWH)	258175.0	396148.0	401715.0
18. Net Electrical Energy Generated (MWH)	236589.0	349104.0	353088.0
19. Unit Service Factor			
20. Unit Availability Factor			
21. Unit Capacity Factor (Using MDC Net)	} NA UNTIL COMMERCIAL OPERATION		
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	-	12-5-78
INITIAL ELECTRICITY	-	12-26-78
COMMERCIAL OPERATION	9-20-79	-

REFUELING INFORMATION

DATE: July 1979

1. Name of facility. Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. 09-01-80
3. Scheduled date for restart following refueling. 12-01-80
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. 08/01/80
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: 2000

783 311

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY - JULY, 1979
UNIT II

The 50% power plateau power escalation testing continued from the previous month. On 7/5 a trip occurred due to a main turbine condenser hotwell level instrument failure. The unit was placed back on line on 7/7, and the 50% plateau testing was continued. On 7/16, a unit trip was received as a result of a feedwater regulating valve malfunction. During the transient, two atmospheric dump valves stuck open, causing low steam generator levels. This, in turn, actuated the Emergency Feedwater System. One feed supply valve failed to open; however, the redundant emergency feedwater train operated satisfactorily. The unit was placed back on line on 7/17, and operated until another trip occurred on 7/19 when the main feedwater pump speed was inadvertantly reduced causing low steam generator levels. The unit was placed back on line several hours later. The 50% plateau testing was resumed and continued throughout the remainder of the month.

POOR
ORIGINAL

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July

DOCKET NO. 50-368
UNIT NAME ANO- Unit II
DATE 8/7/79
COMPLETED BY C. N. Shively
TELEPHONE 501/968-7519

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
79-15	790705	F	51.6	A	3	NA	HC	INSTRM	Condenser Hotwell Level Instrumenta- tion Failure
79-16	790716	F	30.5	A	3	NA	HH	VALVOP	Feedwater regulation valve malfunc- tion
79-17	790719	F	5.9	G	3	NA	NA	NA	Inadvertant FW flow reduction

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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