

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313

UNIT 1

DATE July 11, 1979

COMPLETED BY C. N. Shively

TELEPHONE (501) 968-2519

MONTH June

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>47</u>
25	<u>252</u>
26	<u>261</u>
27	<u>267</u>
28	<u>426</u>
29	<u>594</u>
30	<u>703</u>
31	<u>NA</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)

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OPERATING DATA REPORT

DOCKET NO. 50-313
 DATE July 11, 1979
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 TELEPHONE (501) 968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: June 1-30, 1979
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 902.74
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
7. Maximum Dependable Capacity (Net MWe): 836
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	720.0	4343.0	39714.0
12. Number Of Hours Reactor Was Critical	259.8	1556.2	27266.3
13. Reactor Reserve Shutdown Hours	190.9	1158.6	3148.5
14. Hours Generator On-Line	164.6	1436.7	26650.4
15. Unit Reserve Shutdown Hours	238.2	591.5	796.7
16. Gross Thermal Energy Generated (MWH)	222220.0	3404765.0	64211474.0
17. Gross Electrical Energy Generated (MWH)	67137.0	1116215.0	21356896.0
18. Net Electrical Energy Generated (MWH)	61201.0	1063563.0	20374109.0
19. Unit Service Factor	22.9	33.1	67.1
20. Unit Availability Factor	55.9	46.7	69.1
21. Unit Capacity Factor (Using MDC Net)	10.2	29.3	61.4
22. Unit Capacity Factor (Using DER Net)	10.0	28.8	60.4
23. Unit Forced Outage Rate	64.6	51.3	14.7
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
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-313UNIT NAME ANO-Unit 1DATE 7/1/79COMPLETED BY C. N. ShivelyTELEPHONE 501-968-2519REPORT MONTH June

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
79-1	790531	S	41.4	C	1	NA	NA	NA	NA
	790602	F	291.7	D	NA	NA	NA	NA	NRC Hold due to procedural question
	790614	S	111.4	C	NA	NA	NA	NA	
	790619	F	8.1	D	NA	NA	NA	NA	NRC Hold due to EFW question
	790619	S	102.8	B	NA	NA	NA	NA	Zero Power Physics Testing

¹ F - Forced
Scheduled
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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 (NRC REG-
0161)

⁵ Exhibit I - Same Source

REFUELING INFORMATION

DATE: June, 1979

1. Name of facility. Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. 10-01-1980
3. Scheduled date for restart following refueling. 12-01-1980
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, Reload Report and associated proposed Technical Specification Changes.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. 08-01-1980
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.
Will reload 72 fresh fuel assemblies and operate for approximately 16 months.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 176
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 590 increase size by 0
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

DATE: March, 1988

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY - JUNE, 1979
UNIT I

The unit was in a heatup condition until 6/2, when the NRC ordered the unit shutdown due to Emergency Feedwater System operating procedure questions. Operations was conducting a surveillance test to prove the operability of the Main Feedwater Check Valves. The Emergency Feedwater pump actuation was defeated to preclude an undesirable auto start. This condition was not authorized by the controlling procedure, nor was it allowed by the Technical Specifications. Operating procedures were modified accordingly.

Heatup of the unit resumed, following NRC approval, on 6/14. The plant heatup process continued until 6/19, when the NRC requested a delay until they could inquire about several items that the resident NRC inspector had observed and reported during the heatup evolution. The unit was returned to Hot Shutdown conditions. After a delay of approximately eight hours, the NRC concerns were successfully resolved and the unit startup was resumed.

The reactor was declared critical on 6/20 and the Zero Power Physics Testing was begun. Testing was completed and the unit placed on line on 6/24. Physics Testing at the 40% rated reactor power level was completed on 6/28. Testing at the 75% power level continued throughout the month.