

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313

UNIT ANO-1

DATE 12/7/78

COMPLETED BY C. N. Shively

TELEPHONE 501/968-2519

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>829</u>	17	<u>831</u>
2	<u>830</u>	18	<u>829</u>
3	<u>828</u>	19	<u>833</u>
4	<u>829</u>	20	<u>831</u>
5	<u>829</u>	21	<u>829</u>
6	<u>830</u>	22	<u>828</u>
7	<u>833</u>	23	<u>826</u>
8	<u>831</u>	24	<u>830</u>
9	<u>833</u>	25	<u>831</u>
10	<u>833</u>	26	<u>829</u>
11	<u>834</u>	27	<u>833</u>
12	<u>834</u>	28	<u>832</u>
13	<u>833</u>	29	<u>832</u>
14	<u>833</u>	30	<u>832</u>
15	<u>831</u>	31	<u>NA</u>
16	<u>831</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)

781212 0142

OPERATING DATA REPORT

DOCKET NO. 50-313
 DATE 12/7/78
 COMPLETED BY C. N. Shively
 TELEPHONE 501/968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: November 1-30, 1978
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	<u>720.0</u>	<u>8016.0</u>	<u>34627.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6060.7</u>	<u>24989.7</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>647.6</u>	<u>1966.3</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>5962.3</u>	<u>24497.7</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>113.7</u>	<u>205.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1839350.0</u>	<u>14608295.0</u>	<u>59050821.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>624831.0</u>	<u>4900878.0</u>	<u>19646789.0</u>
18. Net Electrical Energy Generated (MWH)	<u>598187.0</u>	<u>4683407.0</u>	<u>18744157.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>74.4</u>	<u>70.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>75.8</u>	<u>71.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.4</u>	<u>69.9</u>	<u>64.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.7</u>	<u>68.7</u>	<u>63.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>10.3</u>	<u>11.7</u>

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: NA

	Forecast	Achieved
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-313
 UNIT NAME ANO-Unit I
 DATE 12-7-78
 COMPLETED BY C. N. Shively
 TELEPHONE 501-968-2519

REPORT MONTH November

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
None									

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

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY - NOVEMBER, 1978

UNIT 1

The Unit operated at approximately 100% reactor power throughout the report period. On 11/19, the total Reactor Coolant Pump seal leak rate increased to about 3 gpm. Investigation revealed that the "B" RC Pump leakage was 2.075 gpm. The lower seal cavity is isolated due to previous problems, and the upper cavity pressure was oscillating 800 psi. The operating conditions were closely monitored throughout the rest of the month with some improvement noted.

The "B" Circulating Water Pump was out of service for 29 days for an annual overhaul. Pump impeller erosion and lower bearing support member cracks were noted.

On 11/21, a BWST boron concentration sample indicated an out-of-spec condition. A condensate valve was found open, allowing BWST dilution when the containment spray pumps were utilized for recirculation (Reference RO 50-313/78-30).

REFUELING INFORMATION

DATE: November 1978

1. Name of facility. Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. 3-1-79
3. Scheduled date for restart following refueling. 5-01-79
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, see letter to Reid dated 11/9/78.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. 11/9/78 (Actual)
6. Important licensing considerations associated with refueling, a. , new or different fuel design or supplier; unreviewed design or performance analysis methods, significant changes in fuel design; new operating procedures.
Will reload 64 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) 112
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