

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313

UNIT 2

DATE 2/13/81

COMPLETED BY L. S. Bramlett

TELEPHONE (501) 968-2519

MONTH January, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>533</u>
2	<u>466</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>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</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.

8102180541

OPERATING DATA REPORT

DOCKET NO. 50-313  
 DATE 2/13/81  
 COMPLETED BY L. S. Bramlett  
 TELEPHONE (501) 968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: January 1, 1981
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: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>744.0</u>	<u>53,659.0</u>
12. Number Of Hours Reactor Was Critical	<u>48.6</u>	<u>48.6</u>	<u>48.6</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>4,895.0</u>
14. Hours Generator On-Line	<u>47.1</u>	<u>47.1</u>	<u>47.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>817.5</u>
16. Gross Thermal Energy Generated (MWH)	<u>82,421.0</u>	<u>82,421.0</u>	<u>84,255,637.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>25,275.0</u>	<u>25,275.0</u>	<u>27,723,836.0</u>
18. Net Electrical Energy Generated (MWH)	<u>23,993.0</u>	<u>23,993.0</u>	<u>26,439,632.0</u>
19. Unit Service Factor	<u>6.3</u>	<u>6.3</u>	<u>65.4</u>
20. Unit Availability Factor	<u>6.3</u>	<u>6.3</u>	<u>66.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>3.9</u>	<u>3.9</u>	<u>58.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>3.8</u>	<u>3.8</u>	<u>58.0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>17.3</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: March 15, 1981
26. Units In Test Status (Prior to Commercial Operation):

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

REFUELING INFORMATION

DATE: February, 1981

1. Name of facility. Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. 1/2/81 (Shutdown)
3. Scheduled date for restart following refueling. 3/15/81
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. Reload report and associated proposed Technical Specification changes. Also, the safety analysis of four demonstration high burn-up assemblies will be provided.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. Partial submittal 10/31/80. Complete by 2/01/81.
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 68 fresh fuel assemblies and operate for approximately 16 months. Four of which will be high burn-up test assemblies.
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: 1986

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-313  
 UNIT NAME ANO-Unit I  
 DATE 8/13/81  
 COMPLETED BY L. S. Bramlett  
 TELEPHONE (501) 968-2519

REPORT MONTH January

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
81-01	810102	S	697	C	1	None	Z	ZZZZZZ	Not Applicable

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 License Event Report (LER) File (NUREG-0161)

5 Exhibit I - Same Source

POOR ORIGINAL

NRC Monthly Operating Report  
Operating Summary - January 1981  
Unit I

The Unit began the month at reduced power due to "D" RCP being secured because of seal problems. On January 2, the unit was taken offline for refueling.