

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313

UNIT 1

DATE 5/15/81

COMPLETED BY L. S. Bramlett

TELEPHONE (501)968-2519

MONTH April, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>827</u>
2	<u>828</u>
3	<u>830</u>
4	<u>829</u>
5	<u>827</u>
6	<u>825</u>
7	<u>826</u>
8	<u>457</u>
9	<u>260</u>
10	<u>785</u>
11	<u>825</u>
12	<u>826</u>
13	<u>825</u>
14	<u>823</u>
15	<u>828</u>
16	<u>828</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>828</u>
18	<u>828</u>
19	<u>824</u>
20	<u>826</u>
21	<u>828</u>
22	<u>829</u>
23	<u>827</u>
24	<u>828</u>
25	<u>829</u>
26	<u>826</u>
27	<u>825</u>
28	<u>824</u>
29	<u>825</u>
30	<u>826</u>
31	<u>N/A</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)

8105220200

OPERATING DATA REPORT

DOCKET NO. 50-313
 DATE 5/15/81
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OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: April 1-30, 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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

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>719.0</u>	<u>2,879.0</u>	<u>55,794.0</u>
12. Number Of Hours Reactor Was Critical	<u>705.8</u>	<u>1,127.7</u>	<u>36,918.0</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>149.0</u>	<u>5,044.0</u>
14. Hours Generator On-Line	<u>700.8</u>	<u>1,055.5</u>	<u>36,100.5</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>817.5</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,771,166.0</u>	<u>2,478,997.0</u>	<u>86,650,963.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>596,882.0</u>	<u>827,242.0</u>	<u>28,525,803.0</u>
18. Net Electrical Energy Generated (MWH)	<u>570,820.0</u>	<u>788,672.0</u>	<u>27,204,311.0</u>
19. Unit Service Factor	<u>97.5</u>	<u>36.7</u>	<u>64.7</u>
20. Unit Availability Factor	<u>97.5</u>	<u>36.7</u>	<u>66.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.0</u>	<u>32.8</u>	<u>58.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.4</u>	<u>32.2</u>	<u>57.4</u>
23. Unit Forced Outage Rate	<u>2.5</u>	<u>2.0</u>	<u>16.9</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: _____

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

REFUELING INFORMATION

DATE: May 1981

1. Name of facility. Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. 1/1/83
3. Scheduled date for restart following refueling. 3/15/83
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 demonstrating high burn-up assemblies will be provided.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. 10/1/82
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. 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) 244
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 589 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

REPORT MONTH April, 1981DOCKET NO. 50-313UNIT NAME ANO - Unit IDATE 5/15/81COMPLETED BY L. S. BramlettTELEPHONE (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
81-05	810408	F	18.19	A	3	N/A	EB	GENERA	A power supply momentarily caused a loss of power during a voltage transient while in maintenance. Maintenance was informed of the potential problem.

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-Continuation
5-Load Reduction
9-Other

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
016-1)

⁵
Exhibit I - Same Source

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY - APRIL 1981

UNIT I

The unit began the month at 100% full power and continued to operate until 4/8/81. On 4/8/81 the reactor tripped on high RCS pressure during an attempted runback caused by a false power signal being sent to the ICS. The unit returned to 100% on 4/10/81 and continued normal operation through the end of the month.

A correction was made to the cumulative gross thermal generation of -1250.31 MWH due to an error in the November 1978 monthly calculations.