

OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: April 1988  
 COMPLETED BY: D. F. Harrison  
 TELEPHONE: (501) 364-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: April 1-30, 1988
3. Licensed Thermal Power (Mwt): 2,815
4. Nameplate Rating (Gross MWe): 942.57
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): 897
7. Maximum Dependable Capacity (Net MWe): 858
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: \_\_\_\_\_
9. Power Level To Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any: None

	MONTH	YR-TO-DATE	CUMULATVE
11. Hours in Reporting Period ....	719.0	2,903.0	70,991.0
12. Number of Hours Reactor was Critical .....	0.0	1,027.6	50,749.7
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	1,430.1
14. Hours Generator On-Line .....	0.0	1,027.5	49,420.9
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH) .....	0.0	2,816,266.0	127,673,777.0
17. Gross Electrical Energy Generated (MWH) .....	0.0	939,120.0	41,939,456.0
18. Net Electrical Energy Generated (MWH) .....	-4,377.0	889,498.0	39,849,498.0
19. Unit Service Factor .....	0.0	35.4	69.6
20. Unit Availability factor .....	0.0	35.4	69.7
21. Unit Capacity Factor (Using MDC Net) .....	-0.7	35.7	65.4
22. Unit Capacity Factor (Using DER Net) .....	-0.7	33.6	61.5
23. Unit Forced Outage Rate .....	0.0	0.0	14.4
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: May 20, 1988
26. Units in Test Status (Prior to Commercial Operation): \_\_\_\_\_

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

\*These numbers have been corrected to reflect correction of mathematical errors in the switchboard log.

IE24  
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368  
UNIT: Two  
DATE: April, 1988  
COMPLETED BY: D. F. Harrison  
TELEPHONE: (501) 964-3743

MONTH April, 1988

DAY            AVERAGE DAILY POWER LEVEL  
                  (MWe-Net)

1 .....	-3
2 .....	-3
3 .....	-3
4 .....	-3
5 .....	-3
6 .....	-3
7 .....	-3
8 .....	-3
9 .....	-3
10 .....	-3
11 .....	-1
12 .....	-2
13 .....	-3
14 .....	-3
15 .....	-3
16 .....	-3
17 .....	-3
18 .....	-4
19 .....	-4
20 .....	-5
21 .....	-6
22 .....	-5
23 .....	-10
24 .....	-10
25 .....	-10
26 .....	-10
27 .....	-10
28 .....	-16
29 .....	-23
30 .....	-26
31 .....	

AVGS: -6

INSTRUCTION

On this format, list the average daily unit power level in MWe-Net for each day in reporting month. Compute to the nearest whole megawatt.

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

APRIL 1988

UNIT TWO

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The unit began the month off line for refueling and maintenance. The month ended with the unit in Hot Standby (Mode 3).

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR APRIL, 1988

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	April, 1988
COMPLETED BY	D. F. Harrison
TELEPHONE	501-964-3743

<u>No.</u>	<u>Date</u>	<u>Type<sup>1</sup></u>	<u>Duration (Hours)</u>	<u>Reason<sup>2</sup></u>	<u>Method of Shutting Down Reactor<sup>3</sup></u>	<u>Licensee Event Report #</u>	<u>System Code<sup>4</sup></u>	<u>Component Code<sup>5</sup></u>	<u>Cause &amp; Corrective Action to Prevent Recurrence</u>
88-01	04/01/88	S	719	C	1	NA	ZZ	ZZZZZZ	Unit shutdown for refueling and maintenance

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuation  
5-Load Reduction  
9-Other

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
1022)  
<sup>5</sup>  
Exhibit I - Same Source

DATE: April, 1988

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. September 1989 (Cycle 7)
3. Scheduled date for restart following refueling. May 1988 (Cycle 7)
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 there 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 paragraph 5).
5. Scheduled date(s) for submitting proposed licensing action and supporting information. Technical Specification change requests needed for cycle 7 reload have been approved.
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.  
A debris resistant, extended solid end cap design will be used in the Fresh Fuel batch for cycle 7.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 357
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 988 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: 1999 (Loss of fullcore offload capability)



ARKANSAS POWER & LIGHT COMPANY

PG&T OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

May 13, 1988

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U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

SUBJECT: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for April, 1988 is attached.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Dan Howard'.

Dan R. Howard  
Manager, Licensing

DRH:MCS:lg

Attachment

cc: U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011  
ATTN: Mr. Robert D. Martin  
Regional Administrator

U. S. Nuclear Regulatory Commission  
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*Handwritten initials:*  
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