

# OPERATING DATA REPORT

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

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: May 1-31, 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	CUMULATIVE
11. Hours in Reporting Period ....	744.0	3,647.0	71,735.0
12. Number of Hours Reactor was Critical .....	336.4	1,364.0	51,086.1
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	1,430.1
14. Hours Generator On-Line .....	193.5	1,221.0	49,614.4
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH) .....	329,903.0	3,146,169.0	128,003,680.0
17. Gross Electrical Energy Generated (MWH) .....	102,460.0	1,041,580.0	42,041,916.0
18. Net Electrical Energy Generated (MWH) .....	83,863.0	973,361.0	39,933,361.0
19. Unit Service Factor .....	26.0	33.5	69.2
20. Unit Availability Factor .....	26.0	33.5	69.3
21. Unit Capacity Factor (Using MDC Net) .....	13.1	31.1	64.9
22. Unit Capacity Factor (Using DER Net) .....	12.4	29.3	61.0
23. Unit Forced Outage Rate .....	13.7	2.5	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:			
26. Units in Test Status (Prior to Commercial Operation):			

Forecast      Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

IE24  
 1/1

# AVERAGE DAILY UNIT POWER LEVEL

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

MONTH May, 1988

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

1 .....	-26
2 .....	-25
3 .....	-26
4 .....	-26
5 .....	-26
6 .....	-26
7 .....	-26
8 .....	-14
9 .....	-10
10 .....	-10
11 .....	-10
12 .....	-10
13 .....	-10
14 .....	-10
15 .....	-10
16 .....	-10
17 .....	-23
18 .....	-26
19 .....	-28
20 .....	-31
21 .....	-6
22 .....	-33
23 .....	106
24 .....	200
25 .....	27
26 .....	17
27 .....	458
28 .....	580
29 .....	764
30 .....	881
31 .....	882

AVGS: 113

## 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

MAY 1988

UNIT TWO

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The unit began the month shutdown for refueling and maintenance.

At 1328 hours on the twenty first, the unit was placed on line to perform a turbine overspeed trip test. This test ended with the unit off line at 2202 hours on the same day.

At 0025 hours on the twenty third of May, the unit was placed on line and power was escalated to 30% power, where it was held for a boric acid soak of the steam generators. Following completion of the soak, power was reduced and the unit was taken off line at 0700 hours on the twenty fifth to replace a failed excore detector. After replacement of the detector, the unit was placed on line on the twenty sixth at 1342 hours. Power was then escalated with some hold points for normal post refueling physics testing, and the unit reached 100% power on the twenty ninth at 1815 hours, where it remained through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR MAY, 1988

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

<u>No.</u>	<u>Date</u>	<u>Type</u> <sup>1</sup>	<u>Duration</u> <u>(Hours)</u>	<u>Reason</u> <sup>2</sup>	<u>Method of</u> <u>Shutting</u> <u>Down Reactor</u> <sup>3</sup>	<u>Licensee</u> <u>Event</u> <u>Report #</u>	<u>System</u> <u>Code</u> <sup>4</sup>	<u>Component</u> <u>Code</u> <sup>5</sup>	<u>Cause &amp; Corrective</u> <u>Action to</u> <u>Prevent Recurrence</u>
88-01	05/01/88	S	519.9	C	1	NA	ZZ	ZZZZZZ	Unit shutdown for refueling and maintenance
88-02	05/25/88	F	30.7	A	4	NA	IG	DET	Unit shutdown to repair channel "D" excore detector, while reactor remained critical.

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-  
1022)  
S  
Exhibit I - Same Source

DATE: May, 1988

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. September 1989
3. Scheduled date for restart following refueling. November 1989
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)?  
None Known At This Time.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. June, 1989
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.  
None.
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

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June 14, 1988

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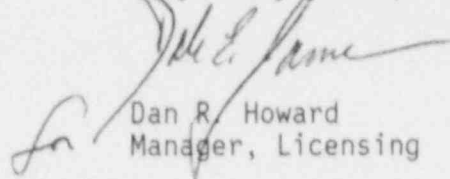
U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

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 May, 1988 is attached.

Very truly yours,

  
Dan R. Howard  
Manager, Licensing

DRH:MCS:lg

Attachment

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

U. S. Nuclear Regulatory Commission  
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11