



Arkansas Power & Light Company  
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P. O. Box 551  
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Tel 501 377 4000

March 15, 1990

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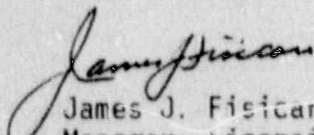
U. S. Nuclear Regulatory Commission  
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Washington, D.C. 20555

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 February, 1990 is attached.

Very truly yours,

  
James J. Fisicaro  
Manager, Licensing

JJF/SAB/lw  
Attachment  
cc:

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

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An Exergy Company

# OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: February, 1990  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-3743

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: February 1-28, 1990
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 ....	672.0	1,416.0	87,048.0
12. Number of Hours Reactor was Critical .....	672.0	1,274.7	63,638.9
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	1,430.1
14. Hours Generator On-Line .....	672.0	1,271.6	62,052.3
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH) .....	1,886,992.0	3,380,736.0	161,589,266.0
17. Gross Electrical Energy Generated (MWH) .....	625,115.0	1,118,320.0	53,075,796.0
18. Net Electrical Energy Generated (MWH) .....	598,051.0	1,065,690.0	50,442,660.0
19. Unit Service Factor .....	100.0	89.8	71.3
20. Unit Availability Factor .....	100.0	89.8	71.4
21. Unit Capacity Factor (Using MDC Net) .....	103.7	87.7	67.5
22. Unit Capacity Factor (Using DER Net) .....	97.6	82.5	63.5
23. Unit Forced Outage Rate .....	0.0	10.2	13.7
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	_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368  
 UNIT: Two  
 DATE: February, 1990  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-3743

MONTH February, 1990

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

1 .....	888
2 .....	889
3 .....	891
4 .....	892
5 .....	892
6 .....	892
7 .....	892
8 .....	890
9 .....	887
10 .....	892
11 .....	890
12 .....	889
13 .....	888
14 .....	887
15 .....	889
16 .....	892
17 .....	892
18 .....	891
19 .....	891
20 .....	891
21 .....	892
22 .....	890
23 .....	890
24 .....	889
25 .....	891
26 .....	889
27 .....	887
28 .....	888

AVGS: 890

## 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

FEBRUARY 1990

UNIT TWO

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The unit operated at 100% full power for the entire month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR FEBRUARY, 1990

DOCKET NO.	50-368
UNIT NAME	Two
DATE	February, 1990
COMPLETED BY	M. S. Whitt
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>
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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-Continuation  
5-Load Reduction  
9-Other

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

DATE: February, 1990

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. February 1991  
(Beginning of Cycle 8 criticality was 11/18/89)
3. Scheduled date for restart following refueling. April, 1991
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 Expected. Reload fuel design is in progress.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. None Required
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.  
  
To obtain the presently planned cycle 8 length of 420 EFPD, it will be necessary to raise the current peak rod burnup limits. A report justifying an increase was submitted in July, 1989.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 421
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: 1996 (Loss of fullcore offload capability)