



**Entergy  
Operations**

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May 14, 1993

2CAN059304

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Mail Station P1-137  
Washington, DC 20555

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

Gentlemen:

Monthly Operating Report statistics for Arkansas Nuclear One, Unit-2, for April, 1993 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,

James J. Fisicaro  
Director, Licensing

JJF/JRH/prg  
Attachment

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CDR ADOCK 05000368  
R PDR

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cc: Mr. James L. Milhoan  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
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NRC Senior Resident Inspector  
Arkansas Nuclear One - ANO-1 & 2  
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# OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: May 4, 1993  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-5560

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: April 1-30, 1993
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

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period .....	719.0	2,879.0	114,815.0
12. Number of Hours Reactor was Critical .....	719.0	2,879.0	87,310.3
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	0.0
14. Hours Generator On-Line .....	719.0	2,879.0	85,458.4
15. Unit Reserve Shutdown Hours ....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH) .....	2,017,613	8,061,161	225,827,965
17. Gross Electrical Energy Generated (MWH) .....	671,430	2,680,290	74,310,481
18. Net Electrical Energy Generated (MWH) .....	641,888	2,562,608	70,690,727
19. Unit Service Factor .....	100.0	100.0	74.4
20. Unit Availability Factor .....	100.0	100.0	74.4
21. Unit Capacity Factor (Using MDC Net) .....	104.1	103.7	71.8
22. Unit Capacity Factor (Using DEC Net) .....	97.9	97.6	67.5
23. Unit Forced Outage Rate .....	0.0	0.0	11.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Planned Steam Generator Inspection outage to begin May 1, 1993 and last approximately 18 days.</u>			
25. If Shut Down At End of Report Period. Estimated Date of Startup: _____			
26. Units in Test Status (Prior to Commercial Operation): _____			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	_____	12/05/78
INITIAL ELECTRICITY	_____	12/26/78
COMMERCIAL OPERATION	_____	03/26/80

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368  
UNIT: Two  
DATE: May 4, 1993  
COMPLETED BY: M. S. Whitt  
TELEPHONE: (501) 964-5560

MONTH April, 1993

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	855
2	896
3	895
4	895
5	895
6	894
7	893
8	893
9	894
10	893
11	893
12	893
13	892
14	894
15	897
16	897
17	896
18	895
19	892
20	896
21	896
22	895
23	893
24	891
25	894
26	894
27	893
28	893
29	894
30	893
31	#N/A

AVGS: 893

## INSTRUCTION

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

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## NRC MONTHLY OPERATING REPORT

### OPERATING SUMMARY

APRIL 1993

UNIT TWO

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The unit began the month of April at 75% power per System Dispatcher request.

At 0532 hours on the first, the dispatcher released the unit from the 75% power hold. The unit escalated to full power and attained 100% at 0759 hours on the first.

The unit ran at 100% power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR APRIL, 1993

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	May 4, 1993
COMPLETED BY	M. S. Whitt
TELEPHONE	501-964-5560

<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>COMPENENT CODE<sup>5</sup></u>	<u>CAUSE &amp; CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
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none

1  
F: Forced  
S: Scheduled

2  
Reason:  
A - Equipment Failure (Explain)  
B - Maintenance of Test  
C - Refueling  
D- Regulatory Restriction  
E - Operator Training & License Examination  
F - Administration  
G - Operational Error  
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-0161)

5  
Exhibit I - Same Source

DATE: April, 1993

### REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. March 25, 1994
3. Scheduled date for restart following refueling. May 16, 1994

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, Technical Specification changes to relocate cycle specific parameters to a Core Operating Limits Report and to make the Technical Specification requirements for Azimuthal Power Tilt consistent with accident analyses.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. August, 1993

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) 565

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: 1997 (Loss of fullcore offload capability)