



ENTERGY

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April 15, 1996

2CAN049603

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:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for March 1996 is attached.  
This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,

*Dwight C. Mims*  
Dwight C. Mims  
Director, Nuclear Safety

DCM/eas

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*JEH*

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OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: April 15, 1996  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: March 1-31
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): 890
10. Reasons For Restrictions. If Any: Self imposed power restriction to ~ 97.9% power based on T-hot limitations in combination with current steam generator plugging and fouling levels.

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period .....	744.0	2,184.0	140,400.0
12. Number of Hours Reactor was Critical .....	744.0	2,184.0	109,654.8
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	0.0
14. Hours Generator On-Line .....	744.0	2,184.0	107,462.1
15. Unit Reserve Shutdown Hours ....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH) .....	2,050,012	6,016,646	286,279,131
17. Gross Electrical Energy Generated (MWH) .....	690,914	2,027,428	94,377,031
18. Net Electrical Energy Generated (MWH) .....	660,517	1,938,207	89,818,873
19. Unit Service Factor .....	100.0	100.0	76.5
20. Unit Availability Factor .....	100.0	100.0	76.5
21. Unit Capacity Factor (Using MDC Net) .....	103.5	103.4	74.6
22. Unit Capacity Factor (Using DER Net) .....	97.3	97.3	70.1
23. Unit Forced Outage Rate .....	0.0	0.0	10.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			

25. If Shut Down At End of Report Period. Estimated Date of Startup: N/A
26. Units in Test Status (Prior to Commercial Operation):  
None

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368  
UNIT: Two  
DATE: April 15, 1996  
COMPLETED BY: M. S. Whitt  
TELEPHONE: (501) 858-5560

MONTH March 1996

DAY                    AVERAGE DAILY POWER LEVEL  
    (MWe-Net)

1 .....	889
2 .....	888
3 .....	889
4 .....	883
5 .....	884
6 .....	888
7 .....	889
8 .....	890
9 .....	889
10 .....	888
11 .....	887
12 .....	886
13 .....	886
14 .....	886
15 .....	886
16 .....	887
17 .....	888
18 .....	889
19 .....	889
20 .....	890
21 .....	889
22 .....	889
23 .....	888
24 .....	886
25 .....	889
26 .....	890
27 .....	890
28 .....	888
29 .....	888
30 .....	887
31 .....	888

AVGS: 888

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.

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR MARCH 1996**

**DOCKET NO.** 50-368  
**UNIT NAME** ANO Unit 2  
**DATE** April 15, 1996  
**COMPLETED BY** M. S. Whitt  
**TELEPHONE** 501-858-5560

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

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

<sup>2</sup>  
 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)

<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-0161)

<sup>5</sup>  
 Exhibit I - Same Source

**NRC MONTHLY OPERATING REPORT**

**OPERATING SUMMARY**

**MARCH 1996**

**UNIT TWO**

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The unit operated the entire month of March at 97.9% power.

### REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown: March 21, 1997
3. Scheduled date for restart following refueling: May 5, 1997
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. 10CFR Section 50.59)?

Yes, increase fuel enrichment limit from 4.1 weight percent to 5.0 weight percent, relocate reactor coolant system (RCS) flow limit to Core Operating Limits Report, and revise RCS volume in the design features section.

5. Scheduled date(s) for submitting proposed licensing action and supporting information:

June 1996

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 planned

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

a) 177                      b) 721

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 full core off-load capability)