



**Entergy  
Operations**

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September 15, 1994

2CAN099403

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 (MOK) for August 1994 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,

*for*  
Dwight C. Mims  
Director, Licensing

DCM/jrh  
Attachment

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U. S. NRC

September 15, 1994

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cc: Mr. Leonard J. Callan  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
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NRC Senior Resident Inspector  
Arkansas Nuclear One  
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U. S. Nuclear Regulatory Commission  
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Rockville, Maryland 20852

# OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: September 2, 1994  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 858-5560

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: August 1-31, 1994
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	5,831.0	126,527.0
12. Number of Hours Reactor was Critical .....	744.0	4,810.6	97,632.3
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	0.0
14. Hours Generator On-Line .....	744.0	4,778.1	95,704.1
15. Unit Reserve Shutdown Hours .....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH) .....	2,093,995	13,134,130	254,114,113
17. Gross Electrical Energy Generated (MWH) .....	685,585	4,314,260	83,636,597
18. Net Electrical Energy Generated (MWH) .....	654,989	4,111,435	79,584,344
19. Unit Service Factor .....	100.0	81.9	75.6
20. Unit Availability Factor .....	100.0	81.9	75.6
21. Unit Capacity Factor (Using MDC Net) .....	102.6	82.2	73.3
22. Unit Capacity Factor (Using DEC Net) .....	96.5	77.3	69.0
23. Unit Forced Outage Rate .....	0.0	0.0	10.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): A mid-cycle steam generator inspection is scheduled for two weeks in mid January 1995.			
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	_____	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: September 2, 1994  
COMPLETED BY: M. S. Whitt  
TELEPHONE: (501) 858-5560

MONTH August 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	883
2	882
3	882
4	880
5	884
6	884
7	883
8	881
9	880
10	880
11	878
12	874
13	877
14	878
15	886
16	885
17	885
18	882
19	883
20	882
21	883
22	882
23	881
24	879
25	878
26	878
27	876
28	876
29	875
30	876
31	878

AVGS: 880

## 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

AUGUST 1994

UNIT TWO

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The unit operated the month of August at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR AUGUST 1994

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	September 2, 1994
COMPLETED BY	M. S. Whitt
TELEPHONE	501-858-5560

<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 DOWN</u> <u>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 ACTION TO</u> <u>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

DATE: August 1994

## REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. September 22, 1995
3. Scheduled date for restart following refueling. November 6, 1995
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)?

Delete requirement for verification of position stops for the high pressure safety injection throttle valves. Revise Technical Specifications to account for the replacement of part-length control element assemblies with full-length control element assemblies.

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

March 1995.

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) 637

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)