



**ENTERGY**

Entergy Operations, Inc.

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June 15, 1995

2CAN069502

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 May 1995 is attached. The report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,

Dwight C. Mims  
Director, Licensing

DCM/dwb

Attachments

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PDR ADOCK 05000368  
R PDR

JE24.1

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# OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: June 15, 1995  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 858-5560

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: May 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): 895
10. Reasons For Restrictions. If Any: Self imposed power restriction to ~ 98.4% power based on T-hot limitations and the additional 300 steam generator plugs installed during 2P95-1.

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period .....	744.0	3,623.0	133,079.0
12. Number of Hours Reactor was Critical .....	744.0	3,199.4	103,760.8
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	0.0
14. Hours Generator On-Line .....	744.0	3,195.0	101,828.1
15. Unit Reserve Shutdown Hours ....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH) .....	2,024,227	8,686,284	271,028,493
17. Gross Electrical Energy Generated (MWH) .....	677,754	2,916,594	89,286,167
18. Net Electrical Energy Generated (MWH) .....	647,221	2,780,894	84,978,682
19. Unit Service Factor .....	100.0	88.2	76.5
20. Unit Availability Factor .....	100.0	88.2	76.5
21. Unit Capacity Factor (Using MDC Net) .....	101.4	89.5	74.4
22. Unit Capacity Factor (Using DER Net) .....	95.4	84.2	70.0
23. Unit Forced Outage Rate .....	0.0	2.5	10.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>2R11 Refueling Outage to start September 22, 1995 with a scheduled duration of 45 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	_____	<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: June 15, 1995  
COMPLETED BY: M. S. Whitt  
TELEPHONE: (501) 858-5560

MONTH May 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	892
2	892
3	891
4	890
5	889
6	889
7	887
8	889
9	886
10	798
11	566
12	807
13	875
14	879
15	885
16	881
17	881
18	882
19	890
20	889
21	888
22	886
23	883
24	883
25	884
26	879
27	882
28	884
29	887
30	887
31	888

AVGS: 870

## 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.

# **NRC MONTHLY OPERATING REPORT**

## **OPERATING SUMMARY**

**MAY 1995**

**UNIT TWO**

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The unit began the month of May at 98.3% power.

At 1148 hours on the tenth, a turbine load reduction was requested per the System Dispatcher due to damage to the Mabelvale 500 KV transmission line. Following repairs to the transmission line, the dispatcher released the unit from the derate at 0120 hours on the twelfth. The unit attained 98.3% power at 1405 hours that same day.

The unit operated the remainder of the month at 98.3% power.

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR MAY 1995**

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	June 15, 1995
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>
95-02	950510	F	0	H	5	N/A	ZZ	ZZZZZZ	The System Dispatcher requested a load reduction due to damage to the Mabelvale 500 kV line.

<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



### 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. 10CFR 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. Revise the reference in the Administrative Controls section to allow use of the Modified Statistical Combination of Uncertainties for determining core operating limits. Relocate the value used to decrease the core power operating limit based on DNBR when neither CEAC is operable to the Core Operating Limits Report. Revise containment cooling system response time to account for modification to eliminate water hammer.

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