

May 15, 1995

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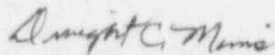
U. S. Nuclear Regulatory Commission  
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Subject: Arkansas Nuclear One - Unit 2  
Docket No. 50-368  
License No. NPF-6  
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One- Unit 2 Monthly Operating Report for April 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

180062

JE24.1

cc: Mr. Leonard J. Callan  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

NRC Senior Resident Inspector  
Arkansas Nuclear One  
1448 S. R. 333  
Russellville, AR 72801

Mr. George Kalman  
NRR Project Manager Region IV/ANO-1 & 2  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 13-H-3  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

# OPERATING DATA REPORT

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

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: April 1-30
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 .....	719.0	2,879.0	132,335.0
12. Number of Hours Reactor was Critical .....	719.0	2,455.4	103,016.8
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	0.0
14. Hours Generator On-Line .....	719.0	2,451.0	101,084.1
15. Unit Reserve Shutdown Hours ....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH) .....	1,987,831	6,662,057	269,004,266
17. Gross Electrical Energy Generated (MWH) .....	668,125	2,238,840	88,608,413
18. Net Electrical Energy Generated (MWH) .....	638,647	2,133,672	84,331,461
19. Unit Service Factor .....	100.0	85.1	76.4
20. Unit Availability Factor .....	100.0	85.1	76.4
21. Unit Capacity Factor (Using MDC Net) .....	103.5	86.4	74.3
22. Unit Capacity Factor (Using DER Net) .....	97.4	81.3	69.9
23. Unit Forced Outage Rate .....	0.0	3.2	10.3
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: May 15, 1995  
COMPLETED BY: M. S. Whitt  
TELEPHONE: (501) 858-5560

MONTH April 1995

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	892
2	892
3	892
4	892
5	893
6	890
7	888
8	887
9	886
10	887
11	894
12	892
13	889
14	850
15	887
16	884
17	885
18	887
19	890
20	890
21	889
22	892
23	893
24	893
25	892
26	883
27	891
28	889
29	890
30	890
31	0

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.

# **NRC MONTHLY OPERATING REPORT**

## **OPERATING SUMMARY**

**APRIL 1995**

**UNIT TWO**

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

At 2245 hours on the thirteenth, a swing in turbine load was observed due to a failure of a voltage comparator computer card in the electro-hydraulic control system (EHC). To minimize the load swings, power was reduced to 94.5% at 0304 hours on the fourteenth. The failed EHC card was removed and the unit was returned to 98.3% power at 2045 hours on the fourteenth.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR APRIL 1995

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	May 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>
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



### 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)