



**Entergy  
Operations**

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May 13, 1994

2CAN059405

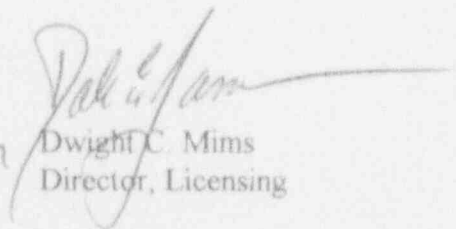
U. S. Nuclear Regulatory Commission  
Document Control Desk  
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Washington, DC 20555

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

Very truly yours,

  
Dwight C. Mims  
Director, Licensing

DCM/jrh  
Attachment

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JEZH

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OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: May 5, 1994  
 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, 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

|  | <u>MONTH</u> | <u>YR-TO-DATE</u> | <u>CUMULATIVE</u> |
|--|--------------|-------------------|-------------------|
| 11. Hours in Reporting Period .....  | 719.0        | 2,879.0           | 123,575.0         |
| 12. Number of Hours Reactor was<br>Critical .....                              | 177.6        | 1,858.6           | 94,680.3          |
| 13. Reactor Reserve Shutdown<br>Hours .....                                    | 0.0          | 0.0               | 0.0               |
| 14. Hours Generator On-Line .....  | 145.1        | 1,826.1           | 92,752.1          |
| 15. Unit Reserve Shutdown Hours .....  | 0.0          | 0.0               | 0.0               |
| 16. Gross Thermal Energy Generated<br>(MWH) .....                              | 270,443      | 4,913,206         | 245,893,190       |
| 17. Gross Electrical Energy<br>Generated (MWH) .....                           | 84,550       | 1,619,785         | 80,942,122        |
| 18. Net Electrical Energy<br>Generated (MWH) .....                             | 73,245       | 1,538,009         | 77,010,918        |
| 19. Unit Service Factor .....  | 20.2         | 63.4              | 75.1              |
| 20. Unit Availability Factor .....   | 20.2         | 63.4              | 75.1              |
| 21. Unit Capacity Factor<br>(Using MDC Net) .....                              | 11.9         | 62.3              | 72.6              |
| 22. Unit Capacity Factor<br>(Using DEC Net) .....                              | 11.2         | 58.6              | 68.3              |
| 23. Unit Forced Outage Rate .....  | 0.0          | 0.0               | 11.0              |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): |              |                   |                   |

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 5, 1994  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-5560

MONTH April 1994

DAY                      AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

|    |      |
|----|------|
| 1  | -2   |
| 2  | -2   |
| 3  | -2   |
| 4  | -2   |
| 5  | -2   |
| 6  | -2   |
| 7  | -2   |
| 8  | -2   |
| 9  | -2   |
| 10 | -2   |
| 11 | -2   |
| 12 | -3   |
| 13 | -4   |
| 14 | -6   |
| 15 | -8   |
| 16 | -10  |
| 17 | -11  |
| 18 | -11  |
| 19 | -25  |
| 20 | -26  |
| 21 | -27  |
| 22 | -31  |
| 23 | -30  |
| 24 | -23  |
| 25 | 81   |
| 26 | 424  |
| 27 | 546  |
| 28 | 630  |
| 29 | 766  |
| 30 | 842  |
| 31 | #N/A |

AVGS: 102

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 1994**

**UNIT TWO**

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The unit began the month of April off line for 2R10 Refueling Outage.

At 1426 hours on the twenty-third, the reactor attained criticality. On the following day, the twenty-fourth, the turbine was tied to the grid at 2125 hours. This marked the completion of 2R10. At 0139 hours on the twenty-fifth, the turbine was taken back off line for the Main Turbine Overspeed Trip Test. After the test was completed, the turbine was placed on line at 0310 hours that same day.

Unit 2 continued normal start-up procedures and ended the month at 97% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR APRIL, 1994

|              |                     |
|--------------|---------------------|
| DOCKET NO.   | <u>50-368</u>       |
| UNIT NAME    | <u>ANO Unit 2</u>   |
| DATE         | <u>May 5, 1994</u>  |
| COMPLETED BY | <u>M. S. Whitt</u>  |
| TELEPHONE    | <u>501-964-5560</u> |

| <u>NO.</u> | <u>DATE</u> | <u>TYPE<sup>1</sup></u> | <u>DURATION<br/>(HOURS)</u> | <u>REASON<sup>2</sup></u> | <u>METHOD OF<br/>SHUTTING DOWN<br/>REACTOR<sup>3</sup></u> | <u>LICENSEE<br/>EVENT<br/>REPORT #</u> | <u>SYSTEM<br/>CODE<sup>4</sup></u> | <u>COMPONENT<br/>CODE<sup>5</sup></u> | <u>CAUSE &amp; CORRECTIVE ACTION TO<br/>PREVENT RECURRENCE</u> |
|------------|-------------|-------------------------|-----------------------------|---------------------------|--|--|------------------------------------|---------------------------------------|--|
| 94-01      | 940401      | S                       | 762.3                       | C                         | 4  | N/A                                    | ZZ                                 | ZZZZZ                                 | Unit off line for 2R10 Refueling Outage.                       |

<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: April 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)?  
Unknown at this time
5. Scheduled date(s) for submitting proposed licensing action and supporting information.  
Unknown at this time
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) 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)