

January 16, 1996

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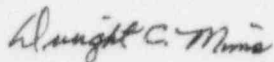
U. S. Nuclear Regulatory Commission
Document Control Desk
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Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for December 1995 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,



Dwight C. Mims
Director, Nuclear Safety

DCM/eas

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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: January 16, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: December 1-31
3. Licensed Thermal Power (MWt): 2,568
4. Nameplate Rating (Gross MWe): 903
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
7. Maximum Dependable Capacity (Net MWe): 836
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted. If Any (Net MWe): N/A
10. Reasons For Restrictions. If Any: N/A

| | <u>MONTH</u> | <u>YR-TO-DATE</u> | <u>CUMULATIVE</u> |
|--|--------------|-------------------|-------------------|
| 11. Hours in Reporting Period | 744.0 | 8,760.0 | 184,387.0 |
| 12. Number of Hours Reactor was Critical | 744.0 | 7,575.8 | 136,832.0 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 5,044.0 |
| 14. Hours Generator On-Line | 744.0 | 7,494.0 | 134,481.9 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 817.5 |
| 16. Gross Thermal Energy Generated (MWH) | 1,900,631 | 18,320,027 | 312,473,916 |
| 17. Gross Electrical Energy Generated (MWH) | 661,986 | 6,258,125 | 104,570,045 |
| 18. Net Electrical Energy Generated (MWH) | 635,051 | 5,972,724 | 99,498,213 |
| 19. Unit Service Factor | 100.0 | 85.5 | 72.9 |
| 20. Unit Availability Factor | 100.0 | 85.5 | 73.4 |
| 21. Unit Capacity Factor (Using MDC Net) | 102.1 | 81.6 | 64.5 |
| 22. Unit Capacity Factor (Using DER Net) | 100.4 | 80.2 | 63.5 |
| 23. Unit Forced Outage Rate | 0.0 | 1.9 | 10.2 |
| 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>08/06/74</u> |
| INITIAL ELECTRICITY | | <u>08/17/74</u> |
| COMMERCIAL OPERATION | | <u>12/19/74</u> |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: January 16, 1996
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

MONTH December 1995

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

| | |
|----------|-----|
| 1 | 849 |
| 2 | 850 |
| 3 | 852 |
| 4 | 852 |
| 5 | 851 |
| 6 | 852 |
| 7 | 852 |
| 8 | 851 |
| 9 | 853 |
| 10 | 855 |
| 11 | 856 |
| 12 | 856 |
| 13 | 856 |
| 14 | 856 |
| 15 | 855 |
| 16 | 855 |
| 17 | 855 |
| 18 | 852 |
| 19 | 849 |
| 20 | 853 |
| 21 | 854 |
| 22 | 855 |
| 23 | 855 |
| 24 | 853 |
| 25 | 852 |
| 26 | 854 |
| 27 | 854 |
| 28 | 855 |
| 29 | 855 |
| 30 | 856 |
| 31 | 856 |

AVGS: 854

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 DECEMBER 1995**

| | |
|--------------|-------------------------|
| DOCKET NO. | <u>50-313</u> |
| UNIT NAME | <u>ANO Unit 1</u> |
| DATE | <u>January 16, 1996</u> |
| COMPLETED BY | <u>M. S. Whitt</u> |
| TELEPHONE | <u>501-858-5560</u> |

| <u>NO.</u> | <u>DATE</u> | <u>TYPE¹</u> | <u>DURATION (HOURS)</u> | <u>REASON²</u> | <u>METHOD OF SHUTTING DOWN REACTOR³</u> | <u>LICENSEE EVENT REPORT #</u> | <u>SYSTEM CODE⁴</u> | <u>COMPONENT CODE⁵</u> | <u>CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE</u> |
|------------|-------------|-------------------------|-----------------------------|---------------------------|--|--|------------------------------------|---------------------------------------|--|
|------------|-------------|-------------------------|-----------------------------|---------------------------|--|--|------------------------------------|---------------------------------------|--|

None

¹
F: Forced
S: Scheduled

²
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)

³
Method:
1 - Manual
2 - Manual Scram.
3 - Automatic Scram.
4 - Continuation
5 - Load Reduction
9 - Other

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-0161)

⁵
Exhibit I - Same Source

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY
DECEMBER 1995
UNIT ONE

The month of December began with the unit operating at 100% power.

A power reduction to 88.0% was commenced at 2230 hours on the eighth for turbine governor and throttle valve stroke testing. At completion of the testing on the ninth, power was returned to 100%. The month ended with the unit operating at 100% power.

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown: September 20, 1996
3. Scheduled date for restart following refueling: November 4, 1996
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)?

No, No
5. Scheduled date(s) for submitting proposed licensing action and supporting information:

N/A
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) 745
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 968 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: 1996 (Loss of full core off-load capability)