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February 15, 1996

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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 for January 1996 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6. Also, in accordance with ANO-2 Technical Specification 6.9.1.5.c and NUREG-0737, Item II.K.3.3, attached is the 1995 Annual Report of Failures and Challenges to Pressurizer Safety Valves.

Very truly yours,

Dwight C. Mims
Director, Nuclear Safety

DCM/eas
attachment

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cc: Mr. Leonard J. Callan
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OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: February 15, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: January 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: N/A
9. Power Level To Which Restricted. If Any (Net MWe): 890
10. Reasons For Restrictions. If Any: Self imposed power restriction to ~ 97.9% power based on T-hot limitations in combination with current steam generator plugging and fouling levels.

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	744.0	744.0	138,960.0
12. Number of Hours Reactor was Critical	744.0	744.0	108,214.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	106,022.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,048,925	2,048,925	282,311,410
17. Gross Electrical Energy Generated (MWH)	690,418	690,418	93,040,021
18. Net Electrical Energy Generated (MWH)	660,042	660,042	88,540,708
19. Unit Service Factor	100.0	100.0	76.3
20. Unit Availability Factor	100.0	100.0	76.3
21. Unit Capacity Factor (Using MDC Net)	103.4	103.4	74.3
22. Unit Capacity Factor (Using DER Net)	97.3	97.3	69.9
23. Unit Forced Outage Rate	0.0	0.0	10.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

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>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: February 15, 1996
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

MCNTH January 1996

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	888
2	887
3	888
4	888
5	889
6	888
7	877
8	887
9	887
10	888
11	887
12	888
13	887
14	887
15	888
16	884
17	873
18	887
19	889
20	889
21	889
22	889
23	888
24	889
25	889
26	889
27	889
28	888
29	888
30	889
31	889

AVGS: 887

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 JANUARY 1996

DOCKET NO.	<u>50-368</u>
UNIT NAME	<u>ANO Unit 2</u>
DATE	<u>February 15, 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>
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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
JANUARY 1996
UNIT TWO

The month began with the unit operating at 97.9% power.

Power was reduced to 90% on the seventh in order to secure circulating water pump 2P-3A for repairs. The repairs were completed the same day and power was returned to 97.9%. A second power reduction to 90% was initiated on the sixteenth to allow additional repairs to pump 2P-3A. Following completion of the repairs, power was returned to 97.9% on the seventeenth.

The unit operated the remainder of the month at 97.9% power.

Reporting Period: January 1996

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown: March 21, 1997
3. Scheduled date for restart following refueling: May 5, 1997
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)?

Yes, increase fuel enrichment limit from 4.1 weight percent to 5.0 weight percent.
5. Scheduled date(s) for submitting proposed licensing action and supporting information:

June 1996
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) 721
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)

ATTACHMENT
ANNUAL REPORT OF PRESSURIZER SAFETY VALVE
FAILURES AND CHALLENGES

This annual report is submitted in the January Monthly Operating Report in response to requirements implemented as a result of NUREG-0737, Item II.K.3.3 and to fulfill Technical Specification reporting requirements (TS 6.9.1.5.c).

For ANO-2, there were no failures or challenges to the primary system code safeties during 1995.