



ENTERGY

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March 14, 1996

1CAN039607

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

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 February 1996 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
attachment

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U. S. NRC
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cc: Mr. Leonard J. Callan
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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: March 14, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: February 1-29
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): None
10. Reasons For Restrictions. If Any: N/A

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	696.0	1,440.0	185,827.0
12. Number of Hours Reactor was Critical	696.0	1,440.0	138,272.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	696.0	1,440.0	135,921.9
15. Unit Reserve Shutdown Hours	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,699,894	3,536,713	316,010,629
17. Gross Electrical Energy Generated (MWH)	590,657	1,229,239	105,799,284
18. Net Electrical Energy Generated (MWH)	565,620	1,177,200	100,675,413
19. Unit Service Factor	100.0	100.0	73.1
20. Unit Availability Factor	100.0	100.0	73.6
21. Unit Capacity Factor (Using MDC Net)	97.2	97.8	64.8
22. Unit Capacity Factor (Using DER Net)	95.6	96.2	63.7
23. Unit Forced Outage Rate	0.0	0.0	10.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling outage 1R13, scheduled to commence September 20, 1996 with an approximate duration of 39 days.</u>			
25. If Shut Down At End of Report Period. Estimated Date of Startup: <u>N/A</u>			
26. Units in Test Status (Prior to Commercial Operation): <u>None</u>			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	<u> </u>	<u>08/06/74</u>
INITIAL ELECTRICITY	<u> </u>	<u>08/17/74</u>
COMMERCIAL OPERATION	<u> </u>	<u>12/19/74</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: March 14, 1996
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

MONTH February 1996

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	773
2	773
3	773
4	774
5	774
6	813
7	851
8	852
9	852
10	851
11	850
12	852
13	852
14	852
15	757
16	685
17	473
18	785
19	851
20	853
21	853
22	853
23	853
24	853
25	852
26	852
27	852
28	851
29	852

AVGS: 813

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 FEBRUARY 1996**

DOCKET NO.	<u>50-313</u>
UNIT NAME	<u>ANO Unit 1</u>
DATE	<u>March 14, 1996</u>
COMPLETED BY	<u>M. S. Whitt</u>
TELEPHONE	<u>501-858-5560</u>

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> ¹	<u>DURATION</u> <u>(HOURS)</u>	<u>REASON</u> ²	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>REACTOR</u> ³	<u>LICENSEE</u> <u>EVENT</u> <u>REPORT #</u>	<u>SYSTEM</u> <u>CODE</u> ⁴	<u>COMPONENT</u> <u>CODE</u> ⁵	<u>CAUSE & CORRECTIVE ACTION TO</u> <u>PREVENT RECURRENCE</u>
96-02	960217	F	0	A	5	N/A	JK	MCBD	Power reduction to 40% to replace failed EHC control module in the main feedwater pump control system.

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
FEBRUARY 1996
UNIT ONE

The month began with the unit operating at 90% power.

To optimize plant reliability, during a period when the plant was experiencing level control valve problems on a feedwater heater, the dispatcher requested a power hold at 90% due to concerns over severe winter weather conditions. The dispatcher released the unit from the power hold at 1100 hours on the sixth and 100% power was attained at 1307 hours. Power was reduced to 80% on the fifteenth due to a condenser tube leak in north waterbox E-11B. A further power reduction to 40% was initiated at 1014 hours on the seventeenth due to main feedwater pump control problems. Following completion of repairs on the feedwater pump controls and condenser, a power escalation was commenced at 0045 hours on the eighteenth. Power was stabilized at 83% while the main turbine throttle/governor valve testing was performed. Following completion of the throttle/governor valve testing, the power escalation was continued and 100% was attained at 0830 hours the same day.

The unit operated the remainder of the month 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)