



October 14, 1994

1CAN109401

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 (MOR) for September 1994 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

for

Dwight C. Mims
Director, Licensing

DCM/jrh
Attachment

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U. S. NRC

October 14, 1994

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cc: Mr. Leonard J. Callan
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U. S. Nuclear Regulatory Commission
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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: October 6, 1994
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 858-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: September 1-30, 1994
3. Licensed Thermal Power (Mwt): 2568
4. Nameplate Rating (Gross Mwe): 902.74
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: _____
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	720.0	6,551.0	173,418.0
12. Number of Hours Reactor was Critical	720.0	6448.8	127,047.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	5044.0
14. Hours Generator On-Line	720.0	6,435.4	124,779.0
15. Unit Reserve Shutdown Hours	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,822,550.6	16,452,243.4	288,502,805.6
17. Gross Electrical Energy Generated (MWH)	615,160.0	5,587,285.0	96,380,320.0
18. Net Electrical Energy Generated (MWH)	588,384.0	5,347,244.0	91,674,380.0
19. Unit Service Factor	100.0	98.2	72.0
20. Unit Availability Factor	100.0	98.2	72.4
21. Unit Capacity Factor (Using MDC Net)	97.8	97.6	63.2
22. Unit Capacity Factor (Using DEC Net)	96.1	96.0	62.2
23. Unit Forced Outage Rate	0.0	1.8	10.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling outage 1R12 is scheduled to begin February 14, 1995.</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>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: October 6, 1994
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501)858-5535

MONTH September 1994

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	825
2	827
3	826
4	828
5	828
6	828
7	827
8	788
9	636
10	671
11	806
12	827
13	828
14	828
15	828
16	829
17	829
18	831
19	832
20	832
21	832
22	832
23	836
24	838
25	838
26	839
27	838
28	838
29	836
30	836
31	#N/A

AVGS: 817

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

SEPTEMBER 1994

UNIT ONE

Arkansas Nuclear One, Unit One, began the month operating at 100% power. On the eighth at 20:01 hours, the unit load was decreased to 70% to isolate a condenser waterbox so tube leaks could be found and repaired. Power was returned to 80-85% during the repair work. On the eleventh at 03:00 hours, the condenser work was completed and power was increased to 90% to perform planned testing of the turbine throttle/governor valves. The testing was completed and the unit returned to full power at 04:53 hours on the eleventh. Unit 1 operated at full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR September 1994

DOCKET NO.	<u>50-313</u>
UNIT NAME	<u>ANO Unit 1</u>
DATE	<u>October 6, 1994</u>
COMPLETED BY	<u>K. R. Hayes</u>
TELEPHONE	<u>501-858-5535</u>

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> ¹	<u>DURATION</u> (HOURS)	<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>
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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

