



**Entergy  
Operations**

**Entergy Operations, Inc.**

Route 3, Box 137G  
Russellville, AR 72801  
Tel 501-964-3100

April 15, 1994

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U. S. Nuclear Regulatory Commission  
Document Control Desk  
Mail Station P1-137  
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 March, 1994 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

Dwight C. Mims  
Director, Licensing

DCM/jrh  
Attachment

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9404190349 940331  
PDR ADOCK 05000313  
R PDR

JE24 / 1

cc: Mr. Leonard J. Callan  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

NRC Senior Resident Inspector  
Arkansas Nuclear One - ANO-1 & 2  
Number 1, Nuclear Plant Road  
Russellville, AR 72801

Mr. George Kalman  
NRR Project Manager, Region IV/ANO-1  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 13-H-3  
One White Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852

Mr. Thomas W. Alexion  
NRR Project Manager, Region IV/ANO-2  
U. S. Nuclear Regulatory Commission  
NRR Mail Stop 13-H-3  
One White Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852

OPERATING DATA REPORT

DOCKET NO: 50-313  
 DATE: April 1, 1994  
 COMPLETED BY: K. R. Hayes  
 TELEPHONE: (501) 964-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: March 1-31, 1994
3. Licensed Thermal Power (MWt): 2,568
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 .....	744.0	2160.0	169027.0
12. Number of Hours Reactor was Critical .....	744.0	2135.5	122733.9
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	5044.0
14. Hours Generator On-Line .....	744.0	2129.7	120473.3
15. Unit Reserve Shutdown Hours ....	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH) .....	1909544	5454504	277505066
17. Gross Electrical Energy Generated (MWH) .....	653750	1869685	92662720
18. Net Electrical Energy Generated (MWH) .....	627111	1792380	88119516
19. Unit Service Factor .....	100.0	98.6	71.3
20. Unit Availability Factor .....	100.0	98.6	71.8
21. Unit Capacity Factor (Using MDC Net) .....	100.8	99.3	62.4
22. Unit Capacity Factor (Using DEC Net) .....	99.2	97.6	61.3
23. Unit Forced Outage Rate .....	0.0	1.4	11.1
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): \_\_\_\_\_

	Forecast	Achieved
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: April 1, 1994  
 COMPLETED BY: K. R. Hayes  
 TELEPHONE: (501) 964-5535

MONTH March, 1994

DAY                      AVERAGE DAILY POWER LEVEL  
   (MWe-Net)

1 .....	845
2 .....	845
3 .....	845
4 .....	844
5 .....	844
6 .....	844
7 .....	844
8 .....	838
9 .....	838
10 .....	844
11 .....	841
12 .....	842
13 .....	842
14 .....	844
15 .....	843
16 .....	843
17 .....	843
18 .....	843
19 .....	843
20 .....	844
21 .....	843
22 .....	842
23 .....	842
24 .....	843
25 .....	843
26 .....	843
27 .....	844
28 .....	844
29 .....	843
30 .....	844
31 .....	843

AVGS: 843

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**

**MARCH 1994**

**UNIT ONE**

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Arkansas Nuclear One, Unit One, began the month operating at 100% power. On the eighth at 07:49 hours, the unit power was decreased to 98.5% to allow the isolation of a condenser waterbox for tube leak repairs and tubesheet cleaning. Power was returned to 100% at 11:13 hours on the same day.

On the eleventh at 19:03 hours, the unit load was decreased to 95% to perform planned testing of the turbine throttle/governor valves. The unit was returned to full power at 20:47 hours the same day. Unit 1 operated at full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR March, 1994

DOCKET NO.	<u>50-313</u>
UNIT NAME	<u>ANO Unit 1</u>
DATE	<u>April 1, 1994</u>
COMPLETED BY	<u>K. R. Hayes</u>
TELEPHONE	<u>501-964-5535</u>

<u>NO.</u>	<u>DATE</u>	<u>TYPE<sup>1</sup></u>	<u>DURATION (HOURS)</u>	<u>REASON<sup>2</sup></u>	<u>METHOD OF SHUTTING DOWN REACTOR<sup>3</sup></u>	<u>LICENSEE EVENT REPORT #</u>	<u>SYSTEM CODE<sup>4</sup></u>	<u>COMPONENT CODE<sup>5</sup></u>	<u>CAUSE &amp; CORRECTIVE ACTION TO PREVENT RECURRENCE</u>
NONE									

<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

