



**Entergy  
Operations**

Entergy Operations, Inc.

Route 3, Box 1376

Russellville, AR 72801

Tel 501-964-3100

August 15, 1994

1CAN089404

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 July 1994 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

*Dwight C. Mims*

Dwight C. Mims  
Director, Licensing

DCM/jrh  
Attachment

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U. S. NRC

August 15, 1994

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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 & 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: August 2, 1994  
 COMPLETED BY: K. R. Hayes  
 TELEPHONE: (501) 964-5535

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: July 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

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period .....	744.0	5,087.0	171,954.0
12. Number of Hours Reactor was Critical .....	744.0	4,984.8	125,583.2
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	5,044.0
14. Hours Generator On-Line .....	744.0	4,971.4	123,315.0
15. Unit Reserve Shutdown Hours ....	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH) .....	1,909,860	12,720,327	284,770,889
17. Gross Electrical Energy Generated (MWH) .....	640,550	4,330,545	95,123,580
18. Net Electrical Energy Generated (MWH) .....	612,735	4,145,096	90,472,232
19. Unit Service Factor .....	100.0	97.7	71.7
20. Unit Availability Factor .....	100.0	97.7	72.2
21. Unit Capacity Factor (Using MDC Net) .....	98.5	97.5	62.9
22. Unit Capacity Factor (Using DEC Net) .....	96.9	95.9	61.9
23. Unit Forced Outage Rate .....	0.0	2.3	10.9
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	_____	08/06/74
INITIAL ELECTRICITY	_____	08/17/74
COMMERCIAL OPERATION	_____	12/19/74

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313  
UNIT: One  
DATE: August 2, 1994  
COMPLETED BY: K. R. Hayes  
TELEPHONE: (501) 964-5535

MONTH July 1994

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	821
2	823
3	822
4	821
5	821
6	821
7	821
8	822
9	822
10	822
11	822
12	823
13	824
14	824
15	826
16	826
17	825
18	825
19	827
20	824
21	823
22	825
23	822
24	822
25	824
26	825
27	825
28	826
29	827
30	826
31	826

AVGS 824

## 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**

**JULY 1994**

**UNIT ONE**

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The unit operated the month of July at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR July 1994

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	August 2, 1994
COMPLETED BY	K. R. Hayes
TELEPHONE	501-964-5535

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> <sup>1</sup>	<u>DURATION</u> (HOURS)	<u>REASON</u> <sup>2</sup>	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>REACTOR</u> <sup>3</sup>	<u>LICENSEE</u> <u>EVENT</u> <u>REPORT #</u>	<u>SYSTEM</u> <u>CODE</u> <sup>4</sup>	<u>COMPONENT</u> <u>CODE</u> <sup>5</sup>	<u>CAUSE &amp; CORRECTIVE ACTION TO</u> <u>PREVENT RECURRENCE</u>
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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

DATE: July 1994

## REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. February 14, 1995
3. Scheduled date for restart following refueling. April 7, 1995
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. 10 CFR Section 50.59)?

Technical Specification change to relocate additional cycle specific parameters to the Core Operating Limits Report (COLR). Technical Specification change to allow modification of the vital instrument electrical power system.

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

August 1994.

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) 685

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)