

# OPERATING DATA REPORT

DOCKET NO: 50-368  
 DATE: July, 1985  
 COMPLETED BY: D. F. Harrison  
 TELEPHONE: (501)964-3743

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: July 1 - 31, 1985
3. Licensed Thermal Power (MWt): 2815
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: \_\_\_\_\_
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	46,895.0
12. Number of Hours Reactor was Critical .....	698.1	3,374.4	32,633.7
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	1,430.1
14. Hours Generator On-Line .....	650.7	3,098.2	31,491.4
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH) .....	1,683,594.0	7,494,916.0	79,548,595.0
17. Gross Electrical Energy Generated (MWH) .....	551,718.0	2,496,445.0	26,013,201.0
18. Net Electrical Energy Generated (MWH) .....	522,532.0	2,352,781.0	24,763,112.0
19. Unit Service Factor .....	92.8	60.9	67.2
20. Unit Availability Factor .....	92.8	60.9	67.3
21. Unit Capacity Factor (Using MDC Net) .....	81.9	53.9	61.5
22. Unit Capacity Factor (Using DER Net) .....	77.0	50.7	57.9
23. Unit Forced Outage Rate .....	7.2	7.7	16.5
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: _____			
26. Units in Test Status (Prior to Commercial Operation): _____			

Forecast      Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368  
 UNIT: Two  
 DATE: July, 1985  
 COMPLETED BY: D. F. Harrison  
 TELEPHONE: (501)964-3743

MONTH July

DAY AVERAGE DAILY POWER LEVEL  
 (MWe-Net)

1	889
2	891
3	890
4	887
5	888
6	890
7	888
8	885
9	887
10	885
11	886
12	882
13	849
14	867
15	886
16	891
17	891
18	406
19	96
20	854
21	888
22	888
23	888
24	276
25	199
26	201
27	209
28	383
29	855
30	605
31	-11

AVGS: 702

## INSTRUCTION

On this format, list the average daily unit power level in MWe-Net for each day in reporting month. Compute to the nearest whole megawatt.

# NRC MONTHLY OPERATING REPORT

## OPERATING SUMMARY

July 1985

UNIT Two

---

The unit started the month at 100% full power. At 2110 hours on the 12th, power was reduced to 95% power for moderator temperature coefficient testing. Power was increased following completion of testing, and 100% full power was attained at 1220 hours on the 14th of July. At 1118 hours on the 18th the unit tripped on low DNBR due to a loss of power to the CEAs during PPS matrix testing. The unit reached 100% full power at 0950 hours on the 20th and remained there until 0206 hours on the 24th when power was reduced to 30% due to condenser tube leaks. The unit reached 100% full power on the 29th at 1000 hours. At 1640 hours on the 30th, the unit tripped on low DNBR when a false CEA position deviation signal was generated by CEAC-2 during testing on "D" CPC. A power escalation began at 1520 hours on the 31st and continued through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR July, 1985

DOCKET NO	50-368
UNIT NAME	ANO - Unit 2
DATE	August 5, 1985
COMPLETED BY	D. F. Harrison
TELEPHONE	(501)964-3743

<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</u> <u>Down 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</u> <u>Action to</u> <u>Prevent Recurrence</u>
8508	850718	F	26.5	A	3	2LER-85-014	JC	XXXXXX	Reactor trip on low DNBR during PPS matrix testing due to a loss of power to the CEAs. PPS testing was completed and the unit placed back on line.
8509	850724	F	0	A	4	N/A	ZZ	ZZZZZZ	The unit was reduced to 30% Full Power due to condenser tube leaks. The waterboxes were isolated, the tubes were plugged, and the unit returned to 100% full power.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR July, 1985

DOCKET NO	50-368
UNIT NAME	ANO - Unit 2
DATE	August 5, 1985
COMPLETED BY	D. F. Harrison
TELEPHONE	(501)964-3743

<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</u> <u>Down 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</u> <u>Action to</u> <u>Prevent Recurrence</u>
8510	850730	F	22.7	B	3	2LER-85-016	JC	XXXXXX	Reactor trip on low DNBR. During testing of "D" CPC, a CEA position deviation signal was generated by CEAC-2, which was fed through to the other on-line CPCs, causing them to generate high penalty factors.

1  
F: Forced  
S: Scheduled

2  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training &  
License Examination  
F-Administrative  
G-Operational Error (Explain)  
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-  
1022)

5  
Exhibit I - Same Source

DATE: July 1985

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. Cycle 5 was initiated in May 1985. The next refueling shutdown is scheduled for May 1986.
3. Scheduled date for restart following refueling. July 1986
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)?  
  
Cycle 6 details are still being reviewed. A modified CPC program will be installed during cycle 5.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. If required, submission will be by April 1986.
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.  
  
A longer cycle and a change in in-core fuel management from out-in-in to in-in-out are planned.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 168
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: 2003



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

August 15, 1985

2CAN088504

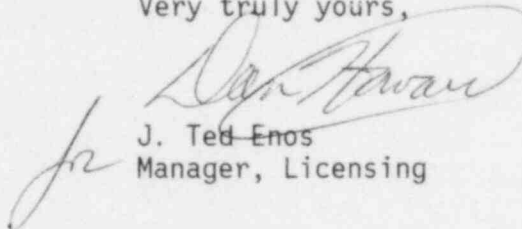
Mr. Harold S. Bassett, Director  
Division of Data Automation  
and Management Information  
Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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 July 1985 is attached.

Very truly yours,

  
J. Ted Enos  
Manager, Licensing

JTE:MCS:ac

Attachment

cc: Mr. Robert D. Martin  
Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011

Mr. Richard C. DeYoung  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555

TE24  
11