

OPERATING DATA REPORT

DOCKET NO. 50-368
DATE 3/15/84
COMPLETED BY L. S. Bramlett
TELEPHONE 501-964-3145

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: March 1-31, 1984
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:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>2,184.0</u>	<u>35,208.0</u>
12. Number Of Hours Reactor Was Critical	<u>687.6</u>	<u>1,511.5</u>	<u>23,138.6</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>1,430.1</u>
14. Hours Generator On-Line	<u>683.2</u>	<u>1,372.0</u>	<u>22,322.3</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>75.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,834,894.0</u>	<u>3,013,831.0</u>	<u>55,563,371.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>617,280.0</u>	<u>998,740.0</u>	<u>18,015,691.0</u>
18. Net Electrical Energy Generated (MWH)	<u>589,599.0</u>	<u>947,045.0</u>	<u>17,153,385.0</u>
19. Unit Service Factor	<u>91.8</u>	<u>62.8</u>	<u>63.4</u>
20. Unit Availability Factor	<u>91.8</u>	<u>62.8</u>	<u>63.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.4</u>	<u>50.5</u>	<u>56.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>86.9</u>	<u>47.5</u>	<u>53.4</u>
23. Unit Forced Outage Rate	<u>8.2</u>	<u>4.2</u>	<u>19.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

None

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

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PDR ADDCK 05000368
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-368
 UNIT Two
 DATE 3/15/84
 COMPLETED BY L.S. Bramlett
 TELEPHONE 501-964-3145

MONTH March 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>898</u>
2	<u>894</u>
3	<u>872</u>
4	<u>880</u>
5	<u>902</u>
6	<u>902</u>
7	<u>868</u>
8	<u>741</u>
9	<u>817</u>
10	<u>98</u>
11	<u>0</u>
12	<u>35</u>
13	<u>646</u>
14	<u>891</u>
15	<u>894</u>
16	<u>902</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>902</u>
18	<u>903</u>
19	<u>901</u>
20	<u>890</u>
21	<u>877</u>
22	<u>877</u>
23	<u>886</u>
24	<u>886</u>
25	<u>886</u>
26	<u>883</u>
27	<u>884</u>
28	<u>885</u>
29	<u>887</u>
30	<u>888</u>
31	<u>889</u>

INSTRUCTIONS

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

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

MARCH 1984

UNIT 2

The unit began the month at 100% full power. Power was reduced for MTC testing on March 2 and lasted through March 4. On March 7 power was reduced to 65% for condenser tube leakage and repair. Power was returned to 90% before the unit was shut down on March 10 for maintenance needed on RCS RTDs. The unit was returned to 100% full power on March 14. From March 20 to the end of the month unit power was restricted to approximately 98% due to CPC limits.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-368

UNIT NAME ANO-2

DATE April 15, 1984

COMPLETED BY L.S. Bramlett

TELEPHONE 501-964-3145

REPORT MONTH March, 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-01	840310	F	60.5	A	3		IM	TE	Shutdown to repair an RCS RTD
84-02	840312	F	.3	A	9	N/A	IT	ZI	Turbine/generator load limiting indication failure

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-
0161)

⁵
Exhibit I - Same Source

REFUELING INFORMATION

DATE: March 1984

1. Name of facility. Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. June 1985
3. Scheduled date for restart following refueling. August 1985
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 these 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)?
Yes, some proposed software changes to the Core
Protection Calculators are being considered.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. March 1985
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.
Burnable poison rods may be used in reload fuel.
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

April 15, 1984

2CAN948402

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
(File: 2-0520.1)

Gentlemen:

Attached is the NRC Monthly Operating Report for March 1984 for Arkansas Nuclear One - Unit 2.

Very truly yours,

John R. Marshall
Manager, Licensing

JRM:SAB:na

Attachment - See hard copy for complete attachment

cc: Mr. John T. Collins
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, D. C. 20555

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