

OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: November 1984
 COMPLETED BY: L.S. Bramlett
 TELEPHONE: 501-964-3145

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: October 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: _____
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	745.0	7,320.0	40,344.0
12. Number of Hours Reactor was Critical	643.4	6,179.1	27,806.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	623.3	5,992.8	26,943.1
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	1,725,313.0	15,564,738.0	68,114,278.0
17. Gross Electrical Energy Generated (MWH)	575,195.0	5,181,330.0	22,198,281.0
18. Net Electrical Energy Generated (MWH)	549,891.0	4,944,024.0	21,150,364.0
19. Unit Service Factor	83.7	81.9	66.8
20. Unit Availability Factor	83.7	81.9	67.0
21. Unit Capacity Factor (Using MDC Net)	86.0	78.7	61.1
22. Unit Capacity Factor (Using DER Net)	80.9	74.1	57.5
23. Unit Forced Outage Rate	16.3	8.8	18.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>The scheduled date for the next refueling shutdown is April, 1985.</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

8412120195 841031
 PDR ADOCK 05000368
 R PDR

IE 24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
 UNIT: Two
 DATE: November, 1984
 COMPLETED BY: L.S. Barmlett
 TELEPHONE: 501-964-3145

MONTH October, 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	896
2	900
3	897
4	897
5	899
6	896
7	895
8	895
9	895
10	895
11	895
12	893
13	892
14	894
15	894
16	892
17	899
18	894
19	900
20	899
21	899
22	900
23	901
24	901
25	897
26	432
27	0
28	0
29	0
30	0
31	62

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

OCTOBER 1984

UNIT 2

The unit began the month at reduced power operation because of secondary chemistry problems. On October 1st the unit was returned to 100% full power and remained there through October 26th. On October 26th, the unit tripped due to a dropped rod and remained shut down for repairs of the drive unit. The unit was returned to power on October 31st but tripped that same day due to ASI out of limits during power escalation. The unit was returned to power and finished the month at 30% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR OCTOBER 1984

DOCKET NO	50-368
UNIT NAME	ANO - Unit 2
DATE	November 5, 1984
COMPLETED BY	L. S. Bramlett
TELEPHONE	501-964-3145

<u>No.</u>	<u>Date</u>	<u>Type</u> ¹	<u>Duration</u> (Hours)	<u>Reason</u> ²	<u>Method of</u> <u>Shutting</u> <u>Down 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</u> <u>Action to</u> <u>Prevent Recurrence</u>
8409	841026	F	113.5	A	3	84-26-00	AA	Coil	The unit tripped due to a dropped CEA #7. This was caused by a failed gripper coil.
8410	841031	F	8.2	H	3	84-27-00	ZZ	ZZZZZZ	The unit tripped on low DNBR/high LPD. This was caused by ASI going out of limits.

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 1 - Same Source

DATE: October 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. April 1985
3. Scheduled date for restart following refueling. July 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 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)?

Some software changes to the Core Protection Calculators are planned to be made during the upcoming refueling. These changes may result in some technical specification changes.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. By February 1, 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 will 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

November 15, 1984

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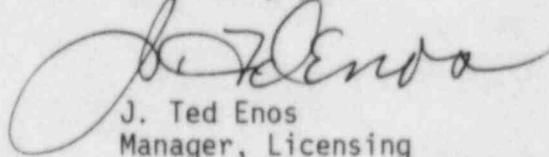
Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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 October 1984 for Arkansas Nuclear One - Unit 2.

Very truly yours,



J. Ted Enos
Manager, Licensing

JTE:SAB: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

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11