

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: June 1 - 30, 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	720.0	4,343.0	46,151.0
12. Number of Hours Reactor was Critical	720.0	2,676.3	31,935.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	554.2	2,407.5	30,800.7
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	1,172,839.0	5,811,322.0	77,865,001.0
17. Gross Electrical Energy Generated (MWH)	387,047.0	1,944,727.0	25,461,483.0
18. Net Electrical Energy Generated (MWH)	360,677.0	1,830,249.0	24,240,580.0
19. Unit Service Factor	77.0	55.4	66.7
20. Unit Availability Factor	77.0	55.4	66.9
21. Unit Capacity Factor (Using MDC Net)	58.4	49.1	61.2
22. Unit Capacity Factor (Using DER Net)	54.9	46.2	57.6
23. Unit Forced Outage Rate	23.0	7.9	16.7
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
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MONTH June

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	405
2	418
3	419
4	418
5	664
6	847
7	833
8	25
9	-26
10	-31
11	-31
12	398
13	752
14	-26
15	15
16	725
17	817
18	647
19	658
20	723
21	601
22	-27
23	523
24	717
25	717
26	719
27	723
28	728
29	787
30	889
31	
AVGS:	501

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

June 1985

UNIT TWO

The unit began the month holding at 50% power for physics testing. On the fifth of June, the unit reach 95% power and was held there due to moisture separator reheater relief valve problems. At 0409 hours on the 8th, the unit was taken off line for repairs to the moisture separator reheater relief valve. At 0059 hours on June 13th, the unit reached 100% power but was taken off line at 2230 hours that same day due to high exciter bearing vibration. The unit reached 100% power at 1503 hours on June 16th. On the 17th high vibration on the "B" main feedwater pump forced the unit to decrease power to 80%. Later that day, COLSS was declared inoperable requiring the unit to reduce power to 72.5% to maintain a Technical Specification margin. On June 20th power was increased to ~ 80%. At 2102 hours on the 29th the unit reached 100% power and remained there through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR June, 1985

DOCKET NO	50-368
UNIT NAME	ANO - Unit 2
DATE	July 3, 1985
COMPLETED BY	D.F. Harrison
TELEPHONE	501-964-3743

<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>
8504	850608	F	96.4	A	1	N/A	SB	RV	The unit was shut down for MSR relief valve repairs.
8505	850613	F	43.6	A	1	N/A	TA	TRB	The unit was shut down due to turbine bearing problems.
8506	850617	F	0	A	5	N/A	SJ	P	The unit was reduced to 80% FP due to high MFW pump vibration. It was later reduced to 72.5% FP due to COLSS being inoperable but was eventually returned to 80% FP.

<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>
8507	850621	F	25.8	A	1	N/A	SJ	P	The unit was shut down for MFW pump repairs.

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: June 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

July 15, 1985

2CAN078505

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 June 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

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