

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: June 1-30, 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: _____

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	720.0	4,367.0	37,391.0
12. Number of Hours Reactor was Critical	700.5	3,669.5	25,296.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	687.8	3,510.3	24,460.6
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	1,898,934.0	8,947,340.0	61,496,880.0
17. Gross Electrical Energy Generated (MWH)	631,555.0	2,982,320.0	19,999,271.0
18. Net Electrical Energy Generated (MWH)	603,708.0	2,844,746.0	19,051,086.0
19. Unit Service Factor	95.5	80.4	65.4
20. Unit Availability Factor	95.5	80.4	65.6
21. Unit Capacity Factor (Using MDC Net)	97.7	75.9	59.4
22. Unit Capacity Factor (Using DER Net)	91.9	71.4	55.9
23. Unit Forced Outage Rate	4.5	2.9	18.3
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

IE 24
 (1)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
 UNIT: TWO
 DATE: JULY, 1984
 COMPLETED BY: L.S. Bramlett
 TELEPHONE: 501-964-3145

MONTH JUNE, 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	901
2	899
3	897
4	898
5	896
6	896
7	895
8	893
9	893
10	896
11	895
12	895
13	894
14	892
15	893
16	882
17	459
18	14
19	537
20	892
21	892
22	890
23	891
24	892
25	897
26	898
27	894
28	892
29	894
30	897
31	

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 1984

UNIT 2

The unit began the month operating at 100% full power. On June 16, power was reduced to 95% for Moderator Temperature Coefficient (MTC) Testing. The MTC Test was completed on June 17, and the unit was returned to 100% full power. Later that day the unit tripped when a CEA dropped. On June 18, the unit was returned to power operation but once again tripped on high steam generator level. The unit was returned to power and reached 100% power on June 20. The unit continued operating at 100% power through the remainder of the month.

Note: Attached is a revision to the May Monthly Operating Report. This revision is being made because of a slight change in auxiliary power usage.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JUNE 1984

DOCKET NO	50-368
UNIT NAME	ANO-2
DATE	7/5/84
COMPLETED BY	L.S. Bramlett
TELEPHONE	501-964-3145

<u>No.</u>	<u>Date</u>	<u>Type</u> ¹	<u>Duration</u> <u>(Hours)</u>	<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>
84-05	840617	F	24.5	A	3	84-13-00	AA	ZZZZZ	The unit tripped due to a dropped CEA. The exact cause of the dropped CEA is known.
84-06	840618	F	7.7	A	3	84-14-00	ST	TC	The unit tripped on high S/G level when a MFW regulating valve went open. The cause was valve operator air control related.

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)
G-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

DATE: JUNE 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. May, 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)?

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. February, 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

OPERATING DATA REPORT

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

*Corrected Data for May 1984

OPERATING STATUS

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

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	744.0	3,647.0	36,671.0
12. Number of Hours Reactor was Critical	738.5	2,969.0	24,596.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	731.5	2,822.5	23,772.8
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	2,036,426.0	7,048,406.0	59,597,946.0
17. Gross Electrical Energy Generated (MWH)	680,675.0	2,350,765.0	19,367,716.0
18. Net Electrical Energy Generated (MWH)	* 651,389.0	* 2,241,038.0	* 18,447,378.0
19. Unit Service Factor	98.3	77.4	64.8
20. Unit Availability Factor	98.3	77.4	65.0
21. Unit Capacity Factor (Using MDC Net)	102.0	71.6	58.6
22. Unit Capacity Factor (Using DER Net)	* 96.0	67.4	55.2
23. Unit Forced Outage Rate	1.7	2.5	18.6
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
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

*Correction to the May 1984 data

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

MONTH MAY 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	903
2	900
3	902
4	903
5	900
6	879
7	177*
8	684
9	901
10	902
11	900
12	896
13	894
14	896
15	900
16	893
17	900
18	900
19	897
20	899
21	898
22	898
23	899
24	900
25	895
26	901
27	901
28	901
29	906
30	906
31	903

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.



ARKANSAS POWER & LIGHT COMPANY

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

July 15, 1984

2CAN078405

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 June 1984 for Arkansas Nuclear One - Unit 2.

Very truly yours,

A handwritten signature in black ink that reads "John R. Marshall". The signature is written in a cursive style.

John R. Marshall
Manager, Licensing

JRM: SAB: ac

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, DC 20555

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