

OPERATING DATA REPORT

DOCKET NO: 50-313  
 DATE: July 1984  
 COMPLETED BY: K. L. Morton  
 TELEPHONE: 501-964-3115

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: June 1-30, 1984
3. Licensed Thermal Power (Mwt): 2568
4. Nameplate Rating (Gross MWe): 902.74
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 833
7. Maximum Dependable Capacity (Net MWe): 836
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	83,562.0
12. Number of Hours Reactor was Critical .....	720.0	3,736.4	56,171.9
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	5,044.0
14. Hours Generator On-Line .....	720.0	3,718.6	54,968.8
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH) .....	1,724,926.0	9,016,158.0	130,936,459.0
17. Gross Electrical Energy Generated (MWH) .....	578,765.0	3,027,000.0	43,165,365.0
18. Net Electrical Energy Generated (MWH) .....	552,456.0	2,895,917.0	41,154,305.0
19. Unit Service Factor .....	100.0	85.2	65.8
20. Unit Availability Factor .....	100.0	85.2	66.8
21. Unit Capacity Factor (Using MDC Net) .....	91.8	79.3	58.9
22. Unit Capacity Factor (Using DER Net) .....	90.3	78.0	57.9
23. Unit Forced Outage Rate .....	0.0	0.4	15.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>IR6 refueling and maintenance shutdown scheduled to begin November 1, 1984 and scheduled to restart January 10, 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	_____	_____

8407300115 840630  
 PDR ADOCK 05000313  
 R PDR

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313  
UNIT: One  
DATE: July 1984  
COMPLETED BY: K.L. Morton  
TELEPHONE: 501-964-3115

MONTH June 1984

DAY            AVERAGE DAILY POWER LEVEL  
                  (MWe-Net)

1 .....	798
2 .....	795
3 .....	794
4 .....	792
5 .....	790
6 .....	787
7 .....	785
8 .....	786
9 .....	786
10 .....	783
11 .....	780
12 .....	777
13 .....	775
14 .....	774
15 .....	773
16 .....	771
17 .....	770
18 .....	767
19 .....	765
20 .....	765
21 .....	762
22 .....	761
23 .....	758
24 .....	757
25 .....	688
26 .....	654
27 .....	758
28 .....	758
29 .....	756
30 .....	751
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 1

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The unit began the month at 96% power. The unit was power limited due to the high operating level in the "A" Steam Generator. Over the next few weeks, the plant was gradually backed down in power until the unit was operating at 94% power.

At 1800 hours on June 25, the unit began a power reduction to 45% in order to remove the "A" Main Feedwater Pump from service for minor repairs to the control oil system. Upon completion of the repair work, at 1000 hours on June 26th, the unit was returned to 93% power. The unit remained at that power level through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR JUNE 1984

DOCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	July 3, 1984
COMPLETED BY	Ken Morton
TELEPHONE	501-964-3115

<u>No.</u>	<u>Date</u>	<u>Type</u> <sup>1</sup>	<u>Duration</u> <u>(Hours)</u>	<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>
N/A	840625	F	0.0	A	4	N/A	JK	P	The unit's load was decreased to repair minor malfunction of the main feedwater pump's control oil system. The unit was returned to full load after completion of repairs.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Continuation  
5-Load Reduction  
9-Other

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

<sup>5</sup>  
Exhibit I - Same Source

DATE: June 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. November 1, 1984
3. Scheduled date for restart following refueling. January 10, 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, Reload Report and associated proposed Technical Specification change.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. September 1, 1984
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.  
Yes, the reload analysis will be done using newly developed thermal hydraulic codes. Babcock & Wilcox will be submitting Topical Reports on the new codes for NRC review prior to September 1, 1984.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 316
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: 1998



ARKANSAS POWER & LIGHT COMPANY

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

July 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 1  
Docket No. 50-313  
License No. DPR-51  
Monthly Operating Report  
(File: 0520.1)

Gentlemen:

Attached is the NRC Monthly Operating Report for June 1984 for Arkansas Nuclear One - Unit 1.

Very truly yours,

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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