

# OPERATING DATA REPORT

DOCKET NO. 50-368  
DATE 9/15/83  
COMPLETED BY L. S. Bramlett  
TELEPHONE 501-964-3145

## OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: August 1-31, 1983
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	744.0	5,831.0	30,095.0
12. Number Of Hours Reactor Was Critical	567.2	4,856.9	21,013.1
13. Reactor Reserve Shutdown Hours	0.0	91.6	1,430.1
14. Hours Generator On-Line	553.2	4,775.8	20,344.5
15. Unit Reserve Shutdown Hours	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	1,177,178.0	12,634,000.0	50,885,061.0
17. Gross Electrical Energy Generated (MWH)	370,220.0	4,103,077.0	16,478,381.0
18. Net Electrical Energy Generated (MWH)	348,890.0	3,914,017.0	15,692,403.0
19. Unit Service Factor	74.4	81.9	67.6
20. Unit Availability Factor	74.4	81.9	67.9
21. Unit Capacity Factor (Using MDC Net)	54.7	78.2	60.8
22. Unit Capacity Factor (Using DER Net)	51.4	73.6	57.2
23. Unit Forced Outage Rate	25.6	18.1	20.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling outage scheduled for October-January, 1983

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

8310190045 830915  
PDR ADDCK 05000368  
PDR

(9/77)

IE24

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-368

UNIT 2

DATE 9/15/83

COMPLETED BY L.S.Bramlett

TELEPHONE (501) 964-3145

MONTH August, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>853</u>
2	<u>830</u>
3	<u>749</u>
4	<u>841</u>
5	<u>830</u>
6	<u>765</u>
7	<u>853</u>
8	<u>850</u>
9	<u>846</u>
10	<u>816</u>
11	<u>679</u>
12	<u>695</u>
13	<u>705</u>
14	<u>706</u>
15	<u>704</u>
16	<u>684</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>217</u>
18	<u>164</u>
19	<u>165</u>
20	<u>168</u>
21	<u>174</u>
22	<u>451</u>
23	<u>752</u>
24	<u>38</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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  
AUGUST 1983  
UNIT 2

The Unit began the month at 100% full power. The Unit was brought to 90% power on August 2 and again on August 5 for packing replacement on Heater Drain Pump "B". On August 10, power was reduced to 82% limited due to 5" Hg exhaust pressure on LPT-8. On August 16, power was reduced to 25% for steam generator boron addition and remained there through August 22. The Unit was brought to 88% power again limited due to steam generator level following an electrical transient during a diesel generator surveillance. The Unit remained offline throughout the end of the month due to an RCP seal replacement and other maintenance.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST

DOCKET NO. 50-368  
 UNIT NAME ANO-2  
 DATE August 8, 1983  
 COMPLETED BY L.S. Bramlett  
 TELEPHONE (501) 964-3145

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
83-07	830817	S	0	B	9	N/A	ZZ	ZZZZZZ	Power was reduced to 25% in order to begin steam generator boron addition for mitigation of tube denting.
83-08	830824	F	190.8	G	3	N/A	ZZ	ZZZZZZ	The Reactor tripped on low steam generator level following a loss of both main feedwater pumps. The feedwater pumps tripped during an electrical transient caused by the inadvertent closing of the diesel generator output breaker during the weekly diesel generator surveillance.

<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)  
 H-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

REFUELING INFORMATION

DATE: August, 1983

1. Name of facility. Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. October, 1983
3. Scheduled date for restart following refueling. January, 1984
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)?  
No; review in progress
5. Scheduled date(s) for submitting proposed licensing action and supporting information. October, 1983
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.  
To be determined
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 112
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 503
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

September 15, 1983

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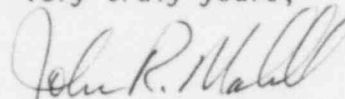
Mr. Harold S. Bassett, Director  
Division of Data Automation  
and Management Information  
Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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 August 1983 for Arkansas Nuclear One - Unit 2.

Very truly yours,

  
John R. Marshall  
Manager, Licensing

JRM:SAB:rd

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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