

OPERATING DATA REPORT

DOCKET NO: 50-313  
 DATE: August, 1988  
 COMPLETED BY: D. A. Schaubroeck  
 TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: August 1-31, 1988
3. Licensed Thermal Power (Mwt): 2,568
4. Nameplate Rating (Gross MWe): 902.74
5. Design Electrical Rating (Net MWe): 850
6. Maximum Dependable Capacity (Gross MWe): 883
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 (Net MWe): None

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period ....	744.0	5,855.0	120,114.0
12. Number of Hours Reactor was Critical .....	658.0	5,737.2	84,792.7
13. Reactor Reserve Shutdown Hours .....	0.0	0.0	5,044.0
14. Hours Generator On-line .....	655.2	5,728.8	83,157.7
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH) .....	1,294,271.0	11,863,082.0	190,700,551.0
17. Gross Electrical Energy Generated (MWH) .....	427,020.0	4,002,630.0	63,269,765.0
18. Net Electrical Energy Generated (MWH) .....	401,861.0	3,793,654.0	60,183,235.0
19. Unit Service Factor .....	88.1	97.8	69.2
20. Unit Availability Factor .....	88.1	97.8	69.9
21. Unit Capacity Factor (Using MDC Net) .....	64.6	77.5	59.9
22. Unit Capacity Factor (Using DER Net) .....	63.5	76.2	58.9
23. Unit Forced Outage Rate .....	0.0	0.6	12.6
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: November 7, 1988.
26. Units in Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8809200328 880831  
 PDR ADOCK 05000313  
 R PDC

IE24/11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313  
 UNIT: One  
 DATE: August, 1988  
 COMPLETED BY: M. S. Whitt  
 TELEPHONE: (501) 964-3743

MONTH August, 1988

DAY            AVERAGE DAILY POWER LEVEL  
                   (MWe-Net)

1 .....	684
2 .....	685
3 .....	685
4 .....	678
5 .....	664
6 .....	663
7 .....	648
8 .....	638
9 .....	640
10 .....	644
11 .....	645
12 .....	644
13 .....	633
14 .....	632
15 .....	597
16 .....	623
17 .....	600
18 .....	615
19 .....	598
20 .....	593
21 .....	583
22 .....	576
23 .....	566
24 .....	561
25 .....	545
26 .....	552
27 .....	522
28 .....	62
29 .....	-12
30 .....	-9
31 .....	-8

AVGS: 540

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

AUGUST 1988

UNIT ONE

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Unit One began the month at 85% power for fuel conservation.

The unit began a power coast down to refueling outage 1R8 at approximately 0000 hours on the fifth. Due to the predicted leak rate of a reactor coolant pump seal, the unit was taken off-line at 0710 hours on the twenty-eight and the refueling outage began.

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT FOR AUGUST, 1988

DOCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	August, 1988
COMPLETED BY	D. A. Schaubroeck
TELEPHONE	(501)964-3743

<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>
88-08	08/28/88	S	88.8	C	1	NA	ZZ	ZZZZZZ	Unit taken off line for refueling outage IRS.

<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-  
1022)

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

DATE: August, 1988

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. September 1988
3. Scheduled date for restart following refueling. November 1988
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)?

Normal Technical Specification changes associated with submission of the ANO-1 Cycle 9 Reload Report.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. Was submitted in July.
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.  
Zircaloy spacer grids, reconstitutable upper end fitting, gray axial power shaping rod assemblies, and "retainerless" assembly design.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 508
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 968 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: 1996 (Loss of fullcore offload capability)



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000  
September 15, 1988

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U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

SUBJECT: Arkansas Nuclear One - Unit 1  
Docket No. 50-313  
License No. DPR-51  
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for August, 1988 is attached.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Dan Howard'.

Dan R. Howard  
Manager, Licensing

DRH:MCS:lw

Attachment

cc: U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, TX 76011  
ATTN: Mr. Robert D. Martin  
Regional Administrator

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555  
ATTN: Mr. James M. Taylor, Deputy Executive  
Director for Regional Operations