

OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: August, 1988
 COMPLETED BY: D. F. Harrison
 TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: August 1-31, 1988
3. Licensed Thermal Power (Mwt): 2,815
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	744.0	5,855.0	73,943.0
12. Number of Hours Reactor was Critical	395.8	3,131.4	52,853.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	382.5	2970.8	51,364.2
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	975,315.0	7,758,263.0	132,615,774.0
17. Gross Electrical Energy Generated (MWH)	316,425.0	2,546,620.0	43,546,956.0
18. Net Electrical Energy Generated (MWH)	295,859.0	2,400,954.0	41,360,954.0
19. Unit Service Factor	51.4	50.7	69.5
20. Unit Availability Factor	51.4	50.7	69.6
21. Unit Capacity Factor (Using MDC Net)	46.3	47.8	65.2
22. Unit Capacity Factor (Using DER Net)	43.6	45.0	61.3
23. Unit Forced Outage Rate	48.6	14.1	14.6
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	_____	_____

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 PDR ADOCK 05000368
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IE-24 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: August 1988
COMPLETED BY: D. F. Harrison
TELEPHONE: (501) 964-3743

MONTH August 1988

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	613
2	-11
3	-11
4	-12
5	-12
6	-11
7	-12
8	-11
9	-11
10	-11
11	-11
12	-11
13	-11
14	-17
15	-27
16	-12
17	160
18	346
19	838
20	874
21	873
22	875
23	874
24	879
25	879
26	878
27	880
28	885
29	889
30	889
31	889

AVGS: 398

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 TWO

The unit began the month at 100% power.

At 1700 hours on the first, the unit was manually tripped off line due to a reactor coolant pump seal sensing line failure. The unit remained off line until 1830 hours on the sixteenth when power escalation commenced. A power level of 15.5% was attained at 2056 hours on the sixteenth and was held due to power increase limits until 0050 hours on the seventeenth. At that time, an escalation was begun and 30% power was attained at 0600 hours on the seventeenth. Power was held at 30% for a boric acid soak of the steam generators until 1125 hours on the eighteenth. A power escalation was then begun to take the unit to 100% which was attained at 0938 hours on the nineteenth.

The unit remained at 100% power through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR AUGUST, 1988

DOCKET NO.	<u>50-368</u>
UNIT NAME	<u>ANO Unit 2</u>
DATE	<u>August 1988</u>
COMPLETED BY	<u>D. A. Schaubroeck</u>
TELEPHONE	<u>501-964-3743</u>

<u>No.</u>	<u>Date</u>	<u>Type¹</u>	<u>Duration (Hours)</u>	<u>Reason²</u>	<u>Method of Shutting Down Reactor³</u>	<u>License Event Report #</u>	<u>System Code⁴</u>	<u>Component Code⁵</u>	<u>Cause & Corrective Action to Prevent Recurrence</u>
88-06	08/08/88	F	361.5	A	2	88-011	AB	TBG	Reactor manually tripped due to a reactor coolant pump seal sensing line failure.

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: August, 1988

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. September 1989
3. Scheduled date for restart following refueling. November 1989
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)?
None Known At This Time.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. June, 1989
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.
None.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 357
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 (Loss of fullcore offload capability)



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 377-4000

September 15, 1988

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

SUBJECT: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for August, 1988 is attached.

Very truly yours,

Dan R. Howard
Manager, Licensing

DRH:MCS:1w

Attachment

cc: U. S. Nuclear Regulatory Commission
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Regional Administrator

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