

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: November, 1987
 COMPLETED BY: J. N. GoBell
 TELEPHONE: (501) 964-3251

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: November 1-30, 1987
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	720.0	8,016.0	113,515.0
12. Number of Hours Reactor was Critical	432.7	7,111.7	78,311.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	396.9	6,979.1	76,684.9
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	794,314.0	13,585,562.0	177,311,317.0
17. Gross Electrical Energy Generated (MWH)	267,945.0	4,517,855.0	58,744,715.0
18. Net Electrical Energy Generated (MWH)	248,527.0	4,267,094.0	55,893,130.0
19. Unit Service Factor	55.1	87.1	67.6
20. Unit Availability Factor	55.1	87.1	68.3
21. Unit Capacity Factor (Using MDC Net)	41.3	63.7	58.9
22. Unit Capacity Factor (Using DER Net)	40.6	62.6	57.9
23. Unit Forced Outage Rate	2.1	4.9	13.5
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	_____	_____
INITIAL OPERATION	_____	_____

8801120040 871130
 PDR ADOCK 05000313
 R DCD

JE 240
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: November, 1987
COMPLETED BY: J. N. GoBell
TELEPHONE: (501) 964-3251

MONTH November 1987

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	-8
2	-12
3	-28
4	-34
5	-14
6	-10
7	-9
8	-6
9	-6
10	-8
11	-13
12	-31
13	-35
14	349
15	505
16	305
17	661
18	668
19	669
20	671
21	673
22	676
23	677
24	677
25	677
26	677
27	674
28	671
29	672
30	669
31	

AVGS: 345

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

NOVEMBER 1987

UNIT ONE

Unit One began the month shutdown for a midcycle maintenance/surveillance outage. At 0222 hours on the fourteenth, the unit was placed back on line, and the unit reached 80% power on the fourteenth of November.

At 1515 hours on the fifteenth, a unit shutdown was initiated due to a leaking RCP seal pressure sensing line. Repairs were completed on the sixteenth and a power escalation was begun. Power was raised to 80% and remained there through the end of the month for fuel conservation.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR NOVEMBER 1987

DOCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	November 1987
COMPLETED BY	M. Whitt
TELEPHONE	501-964-6670

<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>
8716	11/01/87	S	313.4	F	1	N/A	N/A	N/A	Continuation of midcycle outage.
8717	11/15/87	F	8.7	A	1	N/A	AB	Seal	Unit taken off line to repair reactor coolant pump seal pressure sensing line.

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



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 377-4600
December 15, 1987

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

Attn: Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information

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

Dear Mr. Bassett:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for
November 1987 is attached.

Very truly yours,

J. Ted Enos, Manager
Nuclear Engineering and Licensing

JTE:MCS:sg

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, Director
Office of Inspection and Enforcement

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