

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: November, 1985
 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, 1985
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): 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): 823 MWE (~97%)
10. Reasons For Restrictions. If Any: Apparent high operating level in the "A" steam generator caused by fouling at the tube support plate crevice

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	720.0	8,016.0	95,995.0
12. Number of Hours Reactor was Critical	720.0	6,261.4	64,919.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	720.0	6,110.6	63,514.1
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,614,180.0	14,482,518.0	150,835,334.0
17. Gross Electrical Energy Generated (MWH)	551,420.0	4,873,979.0	49,836,250.0
18. Net Electrical Energy Generated (MWH)	525,369.0	4,618,081.0	47,480,604.0
19. Unit Service Factor	100.0	76.2	66.2
20. Unit Availability Factor	100.0	76.2	67.0
21. Unit Capacity Factor (Using MDC Net)	87.3	68.9	59.2
22. Unit Capacity Factor (Using DER Net)	85.8	67.8	58.2
23. Unit Forced Outage Rate	0.0	17.6	14.9
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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
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MONTH November

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	823
2	820
3	816
4	813
5	810
6	807
7	806
8	804
9	529
10	613
11	546
12	787
13	629
14	404
15	802
16	804
17	803
18	800
19	799
20	800
21	798
22	423
23	326
24	777
25	795
26	794
27	791
28	792
29	791
30	790
31	

AVGS: 730

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 1985

UNIT ONE

Unit One started the month of November operating at 97% power limited by the high level in the "A" once through steam generator (OTSG).

At 0250 hours on the ninth, power was reduced to 40% to conduct maintenance on the "A" main feed pump (MFP), because of pump speed oscillations. At 0705 hours on the twelfth, the unit was back up to 96% power, limited by the high level in the "A" OTSG.

On the thirteenth at 1535 hours, there was a plant runback to 44% power, caused by a spurious control signal being accidentally sent to the integrated control system during maintenance activities on the feedwater controls. The unit was back up to 95% power, limited by the high level in the "A" OTSG at 0130 hours on the fifteenth.

A plant runback to 40% power again occurred at 0504 hours on the twenty-second when the governor shaft in the "B" MFP broke. The unit was back up to 95% power at 0444 hours on the twenty-fourth.

Unit One finished the month of November operating at 95% power, limited by the high level in the "A" once through steam generator.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR NOVEMBER, 1985

DOCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	December 3, 1985
COMPLETED BY	J. GoBell
TELEPHONE	(501)964-3251

<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>
8513	851109	F	0	A	5	N.A.	SJ	P	Power was reduced due to oscillations of the "A" main feedwater pump and remained reduced to complete maintenance on the pump.

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