

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: December, 1985
 COMPLETED BY: J. N. GoBell
 TELEPHONE: (501)964-3251

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: December 1-31, 1985
3. Licensed Thermal Power (Mwt): 2508
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): 750 MWe (~89%)
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	744.0	8,760.0	96,739.0
12. Number of Hours Reactor was Critical	744.0	7,005.4	65,663.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	744.0	6,854.6	64,258.1
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,751,890.0	16,234,408.0	152,587,224.0
17. Gross Electrical Energy Generated (MWH)	598,475.0	5,472,454.0	50,434,725.0
18. Net Electrical Energy Generated (MWH)	572,273.0	5,190,354.0	48,052,877.0
19. Unit Service Factor	100.0	78.2	66.4
20. Unit Availability Factor	100.0	78.2	67.3
21. Unit Capacity Factor (Using MDC Net)	92.0	70.9	59.4
22. Unit Capacity Factor (Using DER Net)	90.5	69.7	58.4
23. Unit Forced Outage Rate	0.0	16.0	14.7
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
 DATE: December, 1985
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MONTH December, 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	789
2	789
3	787
4	787
5	788
6	783
7	779
8	778
9	776
10	777
11	776
12	773
13	772
14	772
15	770
16	768
17	768
18	767
19	765
20	764
21	762
22	761
23	760
24	759
25	757
26	754
27	755
28	755
29	752
30	751
31	750

AVGS: 769

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

DECEMBER 1985

UNIT ONE

Unit One started the month of December operating at 93.6% power. The gradual reduction in power due to the apparent high operating level in the "A" steam generator continued to occur. The unit experienced no transients and finished the month at 89.6% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR DECEMBER, 1985

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

<u>No.</u>	<u>Date</u>	<u>Type</u> ¹	<u>Duration</u> (Hours)	<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>
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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: December, 1985

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. August, 1986
3. Scheduled date for restart following refueling. October, 1986
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)?
Yes. Reload Report and associated proposed Technical Specification change request.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. July 31, 1986
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) 456
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



ARKANSAS POWER & LIGHT COMPANY

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

January 13, 1986

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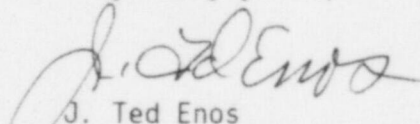
Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for December 1985 is attached.

Very truly yours,


J. Ted Enos
Manager, Licensing

JTE:MCS:lw

Attachment

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

Mr. James M. Taylor, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

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