

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: January 4, 1985
 COMPLETED BY: Ken L. Morton
 TELEPHONE: 501-964-3115

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: December 1-31, 1984
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): None
10. Reasons For Restrictions. If Any: None

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	744.0	8,784.0	87,979.0
12. Number of Hours Reactor was Critical	0.0	6,222.4	58,657.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	0.0	6,153.3	57,403.5
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	0.0	14,432,515.0	136,352,816.0
17. Gross Electrical Energy Generated (MWH)	0.0	4,823,906.0	44,962,271.0
18. Net Electrical Energy Generated (MWH)	0.0	4,604,135.0	42,862,523.0
19. Unit Service Factor	0.0	70.1	65.2
20. Unit Availability Factor	0.0	70.1	66.2
21. Unit Capacity Factor (Using MDC Net)	0.0	62.7	58.3
22. Unit Capacity Factor (Using DER Net)	0.0	61.7	57.3
23. Unit Forced Outage Rate	0.0	1.2	14.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>ANO-1 is presently shutdown for the 1R6 refueling and maintenance outage which began October 12, 1984. Restart date is now targeted for January 17, 1985.</u>			
25. If Shut Down At End of Report Period. Estimated Date of Startup: <u>January 17, 1985</u>			
26. Units in Test Status (Prior to Commercial Operation):			

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

IE24
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: January 4, 1985
COMPLETED BY: Ken L. Morton
TELEPHONE: 501-964-3115

MONTH December, 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

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 1984

UNIT 1

The unit remained shutdown for refueling outage 1R6.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR DECEMBER 1984

DOCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	January 4, 1985
COMPLETED BY	Ken Morton
TELEPHONE	(501) 964-3115

<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>
84-05	841012	S	744	C	4	N/A	N/A	N/A	1R6 refueling outage.

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 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. October 12, 1984*
3. Scheduled date for restart following refueling. January 17, 1985*
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 was submitted to the NRC for review.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. September 26, 1984*
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.
Yes, the reload analysis was done using newly developed thermal hydraulic codes. Babcock & Wilcox submitted Topical Reports on the new codes for NRC review prior to September 1, 1984*.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 388
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

* Current Outage



ARKANSAS POWER & LIGHT COMPANY

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

January 15, 1985

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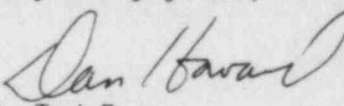
Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report
(File: 0520.1)

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for December 1984 is attached.

Very truly yours,


J. Ted Enos
Manager, Licensing

JTE:SAB:ds

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. Richard C. DeYoung
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

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