

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: March 1985
 COMPLETED BY: K. L. Morton
 TELEPHONE: 501-964-3115

OPERATING STATUS

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

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	744.0	2,160.0	90,139.0
12. Number of Hours Reactor was Critical	744.0	1,149.0	59,801.9*
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	744.0	1,063.1	58,466.6
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,901,845.0	2,460,452.0	138,813,218.0
17. Gross Electrical Energy Generated (MWH)	642,660.0	825,559.0	45,787,830.0
18. Net Electrical Energy Generated (MWH)	615,589.0	771,002.0	43,633,525.0
19. Unit Service Factor	100.0	49.2	64.9
20. Unit Availability Factor	100.0	49.2	65.8
21. Unit Capacity Factor (Using MDC Net)	99.0	42.7	57.9
22. Unit Capacity Factor (Using DER Net)	97.3	42.0	56.9
23. Unit Forced Outage Rate	0.0	31.9	15.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			
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

* Correction for February 1985 Report, Cumulative Critical Reactor hours - 59,062.9

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH March 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	825
2	805
3	811
4	828
5	831
6	831
7	829
8	829
9	828
10	830
11	828
12	828
13	829
14	831
15	813
16	832
17	830
18	831
19	830
20	830
21	830
22	831
23	831
24	829
25	830
26	831
27	830
28	824
29	827
30	827
31	830
AVGS:	827

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

MARCH 1985

UNIT ONE

The unit started the month at 100% full power. At 1958 hours on the 1st the unit was taken to 96% full power for the final stage of physics testing following the 1R6 refueling outage. At 1223 hours on the 3rd the unit was reduced further in power to 91% for continued physics testing. At 1320 hours the unit was taken back to 96% full power and finally attained 100% operation at 1435 hours. The unit remained at 100% full power until 1140 hours on the 15th. At this time the unit was backed down to 90% power because of a decrease in condenser vacuum. A circulating water pump trip was the cause of the decrease in vacuum. The pump trip has been attributed to reduced circulating water flow through the traveling screens due to an increased number of fish (threadfin shad) clogging the screens. The cleaning frequency of the screens was increased and the circulating water pump was returned to service.

The unit was returned to 100% full power at 1630 hours and remained there through the end of the month.

NRC MONTHLY OPERATING REPORT

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The unit was returned to 100% full power at 1630 hours and remained there through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR MARCH 1985

DCCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	April 5, 1985
COMPLETED BY	K. L. 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>
85-02	820301	S	42.6	H	5	N/A	AC	RCT	Power reduction for core testing.

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: March 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. May 1, 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

April 15, 1985

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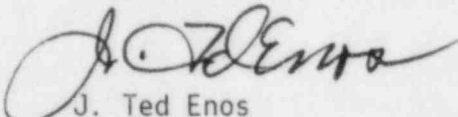
Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Gentlemen:

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

Very truly yours,


J. Ted Enos
Manager, Licensing

JTE:MCS: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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