

OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: December, 1987
 COMPLETED BY: D. F. Harrison
 TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: December 1-31, 1987
3. Licensed Thermal Power (Mwt): 2,815
4. Nameplate Rating (Gross MWe): 942.57
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): 897
7. Maximum Dependable Capacity (Net MWe): 858
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	8,760.0	68,088.0
12. Number of Hours Reactor was Critical	744.0	7,715.4	49,722.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	744.0	7,681.7	48,393.4
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	2,086,990.0	20,988,396.0	124,857,511.0
17. Gross Electrical Energy Generated (MWH)	693,945.0	6,927,560.0	41,000,336.0
18. Net Electrical Energy Generated (MWH)	663,853.0	6,605,895.0*	38,960,000.0*
19. Unit Service Factor	100.0	87.7	71.1
20. Unit Availability Factor	100.0	87.7	71.2
21. Unit Capacity Factor (Using MDC Net)	104.0	87.9	66.7
22. Unit Capacity Factor (Using DER Net)	97.8	82.7	62.7
23. Unit Forced Outage Rate	0.0	12.3	14.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>A 72-day refueling outage is scheduled to begin February 12, 1988.</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	_____	_____

*These numbers have been corrected to reflect correction of mathematical errors in the switchboard log.

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
 UNIT: Two
 DATE: December, 1987
 COMPLETED BY: D. F. Harrison
 TELEPHONE: (501) 964-3743

MONTH December, 1987

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	895
2	893
3	892
4	890
5	893
6	892
7	892
8	891
9	893
10	894
11	893
12	893
13	893
14	893
15	893
16	892
17	892
18	889
19	891
20	891
21	892
22	892
23	892
24	890
25	893
26	893
27	893
28	893
29	893
30	892
31	893

AVGS: 892

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 megaw. tt.

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

DECEMBER 1987

UNIT TWO

The unit operated at 100% power the entire month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR DECEMBER, 1987

DOCKET NO	50-368
UNIT NAME	AND Unit 2
DATE	December, 1987
COMPLETED BY	D. F. Harrison
TELEPHONE	501-964-3743

<u>No.</u>	<u>Date</u>	<u>Type¹</u>	<u>Duration (Hours)</u>	<u>Reason²</u>	<u>Method of Shutting Down Reactor³</u>	<u>Licensee Event Report #</u>	<u>System Code⁴</u>	<u>Component Code⁵</u>	<u>Cause & Corrective Action to Prevent Recurrence</u>
None									

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, 1987

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. February 1988
3. Scheduled date for restart following refueling. May 1988
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 (see paragraph 5). Reload fuel design and core configuration review is under way.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. Technical Specification change requests have been submitted.
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.

A debris resistant, extended solid end cap design will be used in the Fresh Fuel batch for cycle 7.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 289
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: 1999 (Loss of fullcore offload capability)



ARKANSAS POWER & LIGHT COMPANY

POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 377-4000

January 15, 1987

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U. S. Nuclear Regulatory Commission
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Washington, D.C. 20555

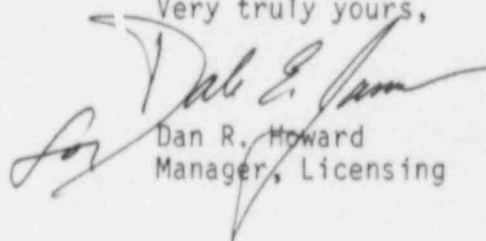
Attn: Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information

SUBJECT: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Monthly Operating Report

Dear Mr. Bassett:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for
December 1987 is attached.

Very truly yours,


Dan R. Howard
Manager, Licensing

DRH:MCS:gf

Attachment

cc: U. S. Nuclear Regulatory Commission
Region IV
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Regional Administrator

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