

OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: January, 1988
 COMPLETED BY: D. F. Harrison
 TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: January 1-31, 1988
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	744.0	68,832.0
12. Number of Hours Reactor was Critical	744.0	744.0	50,466.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14. Hours Generator On-Line	744.0	744.0	49,137.4
15. Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16. Gross Thermal Energy Generated (MWH)	2,083,868.0	2,083,868.0	126,941,379.0
17. Gross Electrical Energy Generated (MWH)	692,930.0	692,930.0	41,693,266.0
18. Net Electrical Energy Generated (MWH)	662,830.0	662,830.0	39,622,830.0
19. Unit Service Factor	100.0	100.0	71.4
20. Unit Availability Factor	100.0	100.0	71.5
21. Unit Capacity Factor (Using MDC Net)	103.8	103.8	67.1
22. Unit Capacity Factor (Using DER Net)	97.7	97.7	63.1
23. Unit Forced Outage Rate	0.0	0.0	14.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>A 78-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.

FE 24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: January, 1988
COMPLETED BY: D. F. Harrison
TELEPHONE: (501) 964-3743

MONTH January, 1988

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	894
2	893
3	893
4	893
5	894
6	893
7	894
8	893
9	894
10	893
11	892
12	890
13	893
14	892
15	892
16	891
17	890
18	891
19	889
20	892
21	893
22	892
23	874
24	885
25	894
26	894
27	894
28	894
29	893
30	886
31	874

AVGS: 891

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

JANUARY 1988

UNIT TWO

The unit began the month at 100% power.

At 0215 hours on the twenty-third, power was reduced to about 95% to perform a turbine control valve stroke test. The unit was returned to 100% power at 1858 hours on the twenty-fourth.

The unit ended the month at about 96% power performing coast down to refueling outage 2R6.

ANNUAL REPORT TO SAFETY VALVE
AND RELIEF VALVE
FAILURES AND CHALLENGES

This annual report is submitted in the January Monthly Operating Report in response to requirements implemented as a result of NUREG-0737, Item II.K.3.3 and to fulfill Technical Specification reporting requirements (TS 6.12.2.4 for Unit 1 and TS 6.9.1.5.C for Unit 2).

For ANO-1, no challenges to the primary system code safeties nor electromatic relief valve (ERV) have occurred in the year 1987.

For ANO-2, no challenges to the primary system code safeties have occurred in the year 1987. ANO-2 does not have an ERV.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JANUARY, 1988

DOCKET NO	50-313
UNIT NAME	ANO Unit 1
DATE	January, 1988
COMPLETED BY	M. S. Whitt
TELEPHONE	501-964-6670

<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>
8718	01/09/88	F	0	A	N/A	N/A	SJ	PDT	Power reduced to replace feedwater flow indicator
8719	01/31/88	F	0	H	N/A	N/A	ZZ	ZZZZZZ	Power reduced due to loss of 500 kv transmission line.

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)

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Exhibit I - Same Source

DATE: January, 1988

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

February 16, 1988

2CAN028805

U. S. Nuclear Regulatory Commission
Document Control Desk
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 January 1988 is attached.

Very truly yours,

A handwritten signature in cursive script that reads "Dan Howard".

Dan R. Howard
Manager, Licensing

DRH:MCS:gf

Attachment

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

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

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