

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: April, 1988
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 964-6670

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: April 1-30, 1988
3. Licensed Thermal Power (Mwt): 2,568
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 (Net MWe): None

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	719.0	2,903.0	117,162.0
12. Number of Hours Reactor was Critical	719.0	2,871.2	81,926.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	719.0	2,865.6	80,294.5
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,489,778.0	5,869,035.0	184,706,504.0
17. Gross Electrical Energy Generated (MWH)	507,575.0	2,003,425.0	61,270,560.0
18. Net Electrical Energy Generated (MWH)	482,094.0	1,900,693.0	58,290,274.0
19. Unit Service Factor	100.0	98.7	68.5
20. Unit Availability Factor	100.0	98.7	69.2
21. Unit Capacity Factor (Using MDC Net)	80.2	78.3	59.5
22. Unit Capacity Factor (Using DER Net)	78.9	77.0	58.5
23. Unit Forced Outage Rate	0.0	1.3	13.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>A 72-day refueling outage is scheduled to begin September 2, 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.

IE24
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
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TELEPHONE: (501) 964-6670

MONTH April, 1988

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	671
2	671
3	671
4	671
5	671
6	672
7	671
8	669
9	669
10	674
11	675
12	675
13	675
14	669
15	670
16	670
17	670
18	669
19	670
20	670
21	670
22	670
23	669
24	670
25	671
26	670
27	670
28	672
29	669
30	664
31	

AVGS: 671

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

APRIL 1988

UNIT ONE

Unit One operated the entire month of April at 30% power for fuel conservation.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR APRIL, 1988

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

<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>
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: April, 1988

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. September 1988
3. Scheduled date for restart following refueling. November 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)?

Normal Technical Specification changes associated with submission of the ANO-1 Cycle 9 Reload Report.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. May 1988.
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.

Zircaloy spacer grids, reconstitutable upper end fitting, gray axial power shaping rod assemblies, and "retainerless" assembly design.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 448
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 968 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: 1997 (Loss of fullcore offload capability)



ARKANSAS POWER & LIGHT COMPANY
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May 13, 1988

1CAN058802

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

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Dan Howard'.

Dan R. Howard
Manager, Licensing

DHR:MCS:sg

Attachment

cc: U. S. Nuclear Regulatory Commission
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