

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: April, 1984
 COMPLETED BY: K. L. Morton
 TELEPHONE: 501-964-3115

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: April 1-30, 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): 833
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: _____

	MONTH	YR-TO-DATE	CUMULATVE
11. Hours in Reporting Period	719.0	2903.0	82,098.0
12. Number of Hours Reactor was Critical	449.7	2,272.4	54,707.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	431.9	2,254.6	53,504.8
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,037,261.0	5,486,914.0	127,407,215.0
17. Gross Electrical Energy Generated (MWH)	344,645.0	1,837,690.0	41,976,055.0
18. Net Electrical Energy Generated (MWH)	329,330.0	1,760,041.0	40,018,429.0
19. Unit Service Factor	60.1	77.7	65.2
20. Unit Availability Factor	60.1	77.7	66.2
21. Unit Capacity Factor (Using MDC Net)	54.8	72.5	58.3
22. Unit Capacity Factor (Using DER Net)	53.9	71.3	57.3
23. Unit Forced Outage Rate	3.3	0.7	15.4
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	_____	_____

IE24
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: April, 1984
COMPLETED BY: K.L. Morton
TELEPHONE: 501-964-3115

MONTH April, 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	98
13	662
14	783
15	827
16	827
17	828
18	828
19	826
20	824
21	556
22	189
23	758
24	816
25	815
26	816
27	817
28	824
29	831
30	831
31	

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 1984

UNIT 1

The unit started the month in cold shutdown in continuation of the mid-cycle steam generator inspection outage. Plant heatup No. 671 was begun on April 10th, with the reactor being brought critical at 2312 hours on April 11th. The main generator was tied on line at 0816 hours on April 12th. The unit attained 100% full power at 1315 hours on April 14th.

At 1612 hours, on April 21st, the reactor tripped on high RCS pressure. The trip was caused by a loss of feedwater which was due to an inadvertent trip of the "A" main feedwater pump. An I&C technician was in the process of bypassing the axial thrust trip on the pump when he accidentally shorted across two terminals, actuating the pump trip circuit. A normal trip recovery followed.

The reactor was again brought critical at 2216 hours the same day with the unit being tied on line at 0658 hours on April 22nd. The unit attained 100% full power operation at 0740 hours on April 23rd and remained there through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR APRIL 1984

DOCKET NO	50-313
UNIT NAME	ANO - Unit 1
DATE	May 15, 1984
COMPLETED BY	Ken Morton
TELEPHONE	(501) 964-3115

<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>
84-01	840316	S	272.3	B	5, 3	84-3879	CC	HTEXCH	Planned shutdown for mid-cycle steam generator inspection. A normal power reduction was in progress when a trip from 17% power occurred due to loss of both main feed-water pumps.
84-02	840421	F	14.8	G	3	N/A	SJ	PUMPXX	Unit tripped when I&C Technician inadvertently actuated the axial thrust trip on the "A" Main Feedwater pump, causing a loss of feedwater and a reactor trip on high RCS pressure. The unit was placed back on line approximately 15 hours later.

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)
G-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-
0161)
5
Exhibit 1 - Same Source

DATE: April 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. November 1, 1984
3. Scheduled date for restart following refueling. January 10, 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.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. September 1, 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 will be done using newly developed thermal hydraulic codes. Babcock & Wilcox will be submitting 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) 316
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

May 15, 1984

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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:

Attached is the NRC Monthly Operating Report for April 1984 for Arkansas Nuclear One - Unit 1.

Very truly yours,

John R. Marshall
Manager, Licensing

JRM:SAB:ac

Attachment

cc: Mr. John T. Collins
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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