

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: August 1-31, 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: None

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	744.0	5,855.0	85,050.0
12. Number of Hours Reactor was Critical	744.0	5,224.4	57,659.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	697.8	5,160.4	56,410.6
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,592,306.0	12,320,449.0	134,240,750.0
17. Gross Electrical Energy Generated (MWH)	526,110.0	4,122,675.0	44,261,040.0
18. Net Electrical Energy Generated (MWH)	499,901.0	3,938,255.0	42,196,643.0
19. Unit Service Factor	93.8	88.1	66.3
20. Unit Availability Factor	93.8	88.1	67.3
21. Unit Capacity Factor (Using MDC Net)	80.4	80.5	59.3
22. Unit Capacity Factor (Using DER Net)	79.0	79.1	58.4
23. Unit Forced Outage Rate	6.2	1.2	14.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): 1R6 refueling and maintenance outage scheduled to begin October 12, 1984, and scheduled to restart December 22, 1985.			
25. If Shut Down At End of Report Period. Estimated Date of Startup:			
26. Units in Test Status (Prior to Commercial Operation):			

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
 UNIT: One
 DATE: 9/10/84
 COMPLETED BY: K.L. Martin
 TELEPHONE: 501-964-3115

MONTH August, 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	718
2	716
3	715
4	713
5	711
6	711
7	711
8	708
9	708
10	596
11	20
12	592
13	707
14	705
15	703
16	702
17	700
18	698
19	698
20	698
21	695
22	694
23	694
24	693
25	692
26	691
27	690
28	688
29	685
30	686
31	686

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

AUGUST 1984

UNIT 1

The unit began the month limited at 88% power because of the high operating level in the "A" OTSG. At 2204 hours on August 10th, the plant was brought off-line to hot standby condition in order to repair a leaking RCP seal pressure sensing line. The repairs were completed and the unit was brought back to power and tied on line at 2027 hours on August 11th. The unit reached 86% power at 2017 hours on August 12th and, as a result of continued power decrease due to high OTSG "A" level, finished the month at 85% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR AUGUST 1984

DOCKET NO	50-313
UNIT NAME	ANO - Unit 1
DATE	09/04/84
COMPLETED BY	Ken 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>
84-03	840811	F	46.2	A	1	N/A	AB	Seal	The unit went to hot standby to repair a leaking RCP seal pressure sensing line. Repairs were completed, and the unit returned to normal operation.

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-
0161)
5
Exhibit 1 - Same Source

DATE: August 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. October 12, 1984
3. Scheduled date for restart following refueling. December 22, 1984
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 14, 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

September 15, 1984

1CAN098408

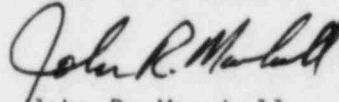
Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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 August 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

IE24
1/1