

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: April 1985
 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, 1985
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): 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: None

	MONTH	YR-TO-DATE	CUMULATIVE
11. Hours in Reporting Period	719.0	2,879.0	90,858.0
12. Number of Hours Reactor was Critical	561.5	1,710.5	60,368.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	555.1	1,618.2	59,021.7
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,382,363.0	3,842,815.0	140,195,631.0
17. Gross Electrical Energy Generated (MWH)	468,035.0	1,293,594.0	46,255,865.0
18. Net Electrical Energy Generated (MWH)	443,934.0	1,214,936.0	44,077,459.0
19. Unit Service Factor	77.2	56.2	65.0
20. Unit Availability Factor	77.2	56.2	65.9
21. Unit Capacity Factor (Using MDC Net)	73.9	50.5	58.0
22. Unit Capacity Factor (Using DER Net)	72.6	49.6	57.1
23. Unit Forced Outage Rate	22.8	29.1	15.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None			
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
_____	_____
_____	_____
_____	_____

8507180019 850430
 PDR ADOCK 05000313
 R PDR

JE24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
 UNIT: One
 DATE: April, 1985
 COMPLETED BY: K. L. Morton
 TELEPHONE: 501-964-3115

MONTH April 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	830
2	830
3	828
4	826
5	830
6	831
7	831
8	830
9	657
10	-29
11	-10
12	- 8
13	-21
14	-32
15	-32
16	17
17	560
18	787
19	837
20	846
21	834
22	832
23	834
24	833
25	831
26	833
27	833
28	832
29	831
30	830
31	
AVGS:	617

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 1985

UNIT ONE

The unit started the month at 100% full power. At 1914 hours on the 9th, the unit tripped because of a reactor trip on high RCS pressure. The initiating event was the loss of a main feedwater pump. A high resistance contact on the auxiliary relay in the "A" main feedwater pump control caused the demand signal to be limited, even in manual control. This prevented the pump from responding correctly to the flow demand signal, which was being affected by a failed static analog memory for the ΔT cold control module. This ΔT cold control circuit provides steam generator heat load ratio control. The pump subsequently tripped on low suction pressure, causing the reactor trip. The unit was taken to cold shutdown to repair a failed bleeder trip valve on a high pressure turbine extraction line and to perform an inspection on some snubbers. A plant heatup was begun at 0546 hours on the 13th with the reactor going critical at 0845 hours on the 16th and the unit placed on line at 1508 hours the same day. The unit attained 100% full power operation at 1110 hours on the 18th and remained there through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR APRIL 1985

DOCKET NO	50-313
UNIT NAME	ANO Unit One
DATE	May 6, 1985
COMPLETED BY	K. L. 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>
85-02	850409	F	163.9	A	2	1LER-85-003	5J	P	Unit trip on high RCS pressure due to main feedwater pump trip. Returned plant to power after correcting "A" MFWP control problem.

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 1985

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. August, 1986
3. Scheduled date for restart following refueling. October, 1986
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 request.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. May 1, 1986
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.

None
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 456
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, 1985

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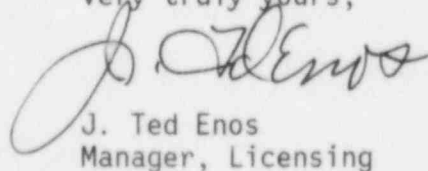
Mr. Harold S. Bassett, Director
Division of Data Automation
and Management Information
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for April 1985 is attached.

Very truly yours,



J. Ted Enos
Manager, Licensing

JTE:MCS:ds

Attachment

cc: Mr. Robert D. Martin
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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