OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: September 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): 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	CUMULATVE
11.	Hours in Reporting Period	720.0	6,575.0	85,770.0
12.	Number of Hours Reactor was Critical	720.0	5,944.4	58,379.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14.	Hours Generator On-Line	720.0	5,880.4	57,130.6
15.	Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16.	Gross Thermal Energy Generated (MWH)	1,559,806.0	13,880,255.0	135,800,556.0
17.	Gross Electrical Energy Generated (MWH)	517,460.0	4,640,135.0	44,778,500.0
18.	Net Electrical Energy Generated (MWH)	491,563.0	4,429,818.0	42,688,206.0
19.	Unit Service Factor	100.0	89.4	66.6
20.	Unit Availability Factor	100.0	89.4	67.6
21.	Unit Capacity Factor (Using MDC Net)	81.7	80.6	59.5
22.	Unit Capacity Factor (Using DER Net)	80.3	79.3	58.6
23.	Unit Forced Outage Rate	0.0	1.0	14.6

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, 1984.
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		

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	682
2	683
3	684
4	685
5	686
6	684
7	681
8	683
9	684
10	683
11	682
12	680
13	679
14	679
15	682
16	684
17	681
18	686
19	685
20	683
21	682
22	681
23	681
24	680
25	679
26	681
27	685
28	684
29	685
30	685

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

SEPTEMBER 1984

UNIT 1

The unit began the month at 85% power. Power was limited due to the high operating level in the "A" OTSG. No trips or transients occurred during the month. The unit finished the month at 85% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR SEPTEMBER 1984

DOCKET NO	50-313
UNIT NAME	ANO - Unit 1
DATE	October 3, 1984
COMPLETED BY	Ken Morton
TELEPHONE	501-964-3115

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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)

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Exhibit 1 - Same Source

DATE: September, 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 relcad 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 and Report associated proposed Technical Specification change.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. September 26, 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

October 15, 1984

1CAN108404

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 September 1984 for Arkansas Nuclear One - Unit 1.

Very truly yours,

J. Ted Enos
Manager, Licensing

JTE:SAB:ac

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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