OPERATING DATA REPORT

DOCKET NO: 50-368
DATE: August 1984
COMPLETED BY: L. S. Bramlett
TELEPHONE: 501-964-3145

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: July 1-31, 1984
3. Licensed Thermal Power (MWt): 2815
4. Nameplate Rating (Gross MWe): 942.57
5. Design Electrical Rating (Net MWe): 912
6. Maximum Dependable Capacity (Gross MWe): 897
7. Maximum Dependable Capacity (Net MWe): 858
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	744.0	5,111.0	38,135.0
12.	Number of Hours Reactor was Critical	550.8	4,220.3	25,847.4
13.	Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14.	Hours Generator On-Line	548.3	4,058.6	25,008.9
15.	Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16.	Gross Thermal Energy Generated (MWH)	1,372,786.0	10,320,126.0	62,869,666.0
17.	Gross Electrical Energy Generated (MWH)	453,432.0	3,435 752.0	20,452,703.0
18.	Net Electrical Energy Generated (MWH)	431,843.0	3,276,589.0	19,482,929.0
19.	Unit Service Factor	73.7	79.4	65.6
20.	Unit Availability Factor	73.7	79.4	65.8
21.	Unit Capacity Factor (Using MDC Net)	67.6	74.7	59.5
22.	Unit Capacity Factor (Using DER Net)	63.6	70.3	56.0
23.	Unit Forced Outage Rate	26.3	6.9	18.5

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):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: August 1984
COMPLETED BY: L.S. Bramlett
TELEPHONE: 501-964-3145

MONTH July 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	899
2	895
3	891
4	892
5	893
6	891
7	893
8	891
9	887
10	887
11	888
12	890
13	889
14	885
15	887
16	891
17	894
18	896
19	897
20	49
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	137
29	217
30	222
31	434

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

JULY 1984

UNIT 2

The unit began the month at 100% full power. On July 20, the reactor was manually tripped because of indications received following a spurious inverter transfer. The unit was then brought to Mode 5 to perform maintenance on startup channels 1 and 2 of the excore detectors, the reactor coolant system cold leg temperature element and the reactor coolant pump seals. On July 28, the unit was tied on line; power was brought to 30%. The unit was maintained at 30% until July 31 in order to perform steam generator chemistry and secondary side boric acid addition. Later that day, power was escalated to 80% and remained there throughout the month holding for stabilization of the axial shape index and nuclear instrumentation calibration.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JULY 1984

DOCKET NO	50-368
UNIT NAME	ANO-2
DATE	8/2/84
COMPLETED BY	L.S. Bramlett
TELEPHONE	501-964-3145

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
84-07	840720	F	195.7	H	2	84-19-00	ZZ	ZZZZZZ	The unit was manually tripped due to indications received when an inverter was inadvertently transferred. The unit remained shutdown for equipment maintenance (excore detectors, RCS temperature elements, and RCP seals).

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: July 1984

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2

2. Scheduled date for next refueling shutdown. May 1985

3. Scheduled date for restart following refueling. July 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, some proposed software changes to the Core Protection Calculators are being considered.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. February 1985

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.

   Burnable poison rods will be used in reload fuel.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 168

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: 2003

ARKANSAS POWER & LIGHT COMPANY
POST OFFICE BOX 551 LITTLE ROCK, ARKANSAS 72203 (501) 371-4000

August 15, 1984

2CAN088405

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 2
Docket No. 50-368
License No. NPF-6
Monthly Operating Report
(File: 2-0520.1

Gentlemen:

Attached is the NRC Monthly Operating Report for July 1984 for Arkansas Nuclear One - Unit 2.

Very truly yours,

Dan Howard

for 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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