OPERATING DATA REPORT

DOCKET NO: 50-368
DATE: November, 1985
COMPLETED BY: D. F. Harrison
TELEPHONE: (501)964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear ONe - Unit 2
2. Reporting Period: November 1 - 30, 1985
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	720.0	8,016.0	49,824.0
12.	Number of Hours Reactor was Critical	720.0	5,832.1	35,091.4
13.	Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14.	Hours Generator On-Line	720.0	5,501.0	33,894.2
15.	Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16.	Gross Thermal Energy Generated (MWH)	1,967,360.0	13,634,763.0	85,688,442.0
17.	Gross Electrical Energy Generated (MWH)	655,860.0	4,522,805.0	28,039,561.0
18.	Net Electrical Energy Generated (MWH)	626,895.0	4,273,437.0	26,683,768.0
19.	Unit Service Factor	100.0	68.6	68.0
20.	Unit Availability Factor	100.0	68.6	68.2
21.	Unit Capacity Factor (Using MDC Net)	101.5	62.1	62.4
22.	Unit Capacity Factor (Using DER Net)	95.5	58.5	58.7
23.	Unit Forced Outage Rate	0.0	12.5	16.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each).
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: 50-368
UNIT. Two
DATE: November, 1985
COMPLETED BY: D. F. Harrison
TELEPHONE: (501)964-3743

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	721
2	765
3	693
4	716
5	897
6	897
7	898
8	898
9	894
10	893
11	896
12	890
13	891
14	889
15	893
16	895
17	893
18	887
19	892
20	898
21	898
22	896
23	892
24	896
25	894
26	863
27	895
28	897
29	899
30	898
31	

AVGS: 871

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

NOVEMBER 1985

UNIT TWO

The unit began the month at 75% power to accomidate condenser tube leak search. Temporary plugs had been installed in a portion of the "B" condenser North waterbox in an attempt to isolate the leaking tubes. At 0701 hours on the first, power was increased to 95% with no indication of a tube leak. Power was reduced to 75%, and half of the temporary plugs were removed. A power increase was started at 2231 hours on the first, and 100% power was achieved at 0110 hours on the second. With no tube leak indication, power was once again decreased to 75% power, and half of the remaining temporary plugs were removed. This evolution of power reductions to 75% power and increases to ~100% power was performed three more times until the leaking tube was identified and removed from service. The unit reached 100% power at 0040 hours on the fifth and remained there until 1032 hours on the twenty-sixth, when a stator cooling pump tripped causing a turbine runback to ~69% power on high stator cooling temperature. The plant was stabilized and a power increase was started. The unit reached 100% power at 1455 hours on the twenty-sixth and remained there through the end of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR November, 1985

DOCKET NO	50-368
UNIT NAME	ANO-Unit 2
DATE	December 2, 1985
COMPLETED BY	D. F. Harrison
TELEPHONE	501-964-3743

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
8523	851101	F	0	H	4	NA	SG	TBG	Power reduced to search for condenser tube leaks.
8524	851102	F	0	H	4	NA	SG	TBG	Power reduced to search for condenser tube leaks.
8525	851102	F	0	H	4	NA	SG	TBG	Power reduced to search for condenser tube leaks.
8526	851103	F	0	H	4	NA	SG	TBG	Power reduced to search for condenser tube leaks.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR November, 1985

DOCKET NO	50-368
UNIT NAME	ANO-Unit 2
DATE	December 2, 1985
COMPLETED BY	D. F. Harrison
TELEPHONE	501-964-3743

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
8527	851104	F	0	H	4	NA	SG	TBG	Power reduced to search for condenser tube leaks.
8528	851126	F	4.4	A	5	NA	TJ	P	Turbine runback on high stator cooling temperature following the trip of a stator cooling pump.

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
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Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-1022)

5
Exhibit I - Same Source

DATE: November,1985

REFUELING INFORMATION

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

2. Scheduled date for next refueling shutdown. Cycle 5 was initiated in May 1985. The next refueling shutdown is scheduled for June 1986.

3. Scheduled date for restart following refueling. August 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)?

   Cycle 6 details are still being reviewed. A modified CPC program was installed in November after Technical Specification approval.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. If required, submission will be by May 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.

   The fresh fuel will have a modification to the CEA guide tube wear sleeves which has been reviewed. (Ref. SER dated September 7, 1984 for C-E Report LD-84-043). A longer cycle and a change in in-core fuel management from out-in-in to in-in-out are also planned.

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

December 15, 1985

2CAN128503

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

Gentlemen:

The Arkansas Nuclear One - Unit 2 Monthly Operating Report for November 1985 is attached.

Very truly yours,

J. Ted Enos
Manager, Licensing

JTE:MCS:sg

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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