OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: May 1 - 31, 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	CUMULATVE
11.	Hours in Reporting Period	744.0	3,623.0	91,602.0
12.	Number of Hours Reactor was Critical	727.5	2,438.0	61,095.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14.	Hours Generator On-Line	723.4	2,341.6	59,745.1
15.	Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16.	Gross Thermal Energy Generated (MWH) .....*	1,855,099.0	5,700,371.0	142,053,187.0
17.	Gross Electrical Energy Generated (MWH)	626,440.0	1,920,034.0	46,882,305.0
18.	Net Electrical Energy Generated (MWH)	599,366.0	1,814,302.0	44,676,825.0
19.	Unit Service Factor	97.2	64.6	65.2
20.	Unit Availability Factor	97.2	64.6	66.1
21.	Unit Capacity Factor (Using MDC Net)	96.4	59.9	58.3
22.	Unit Capacity Factor (Using DER Net)	94.8	58.9	57.4
23.	Unit Forced Outage Rate	2.8	22.6	14.9

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		

*Gross Thermal Energy Generated (MWH) for April was incorrectly calculated due to the daylight savings time change. The correct figures are Monthly - 1,384,820.0, yearly - 3,845,272.0, and cumulative - 140,198,088.0

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	831
2	830
3	821
4	822
5	829
6	830
7	829
8	831
9	831
10	830
11	831
12	830
13	829
14	831
15	831
16	831
17	831
18	831
19	830
20	829
21	828
22	829
23	830
24	830
25	830
26	829
27	829
28	830
29	830
30	830
31	88

AVGS: 806

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

May 1985

UNIT One

The unit started the month at 100% full power.

At 0323 hours on the 31st of May the unit tripped on high RCS pressure. The cause of the trip was an inadvertent closure of the intercept valves and a trip of the "A" main feedwater pump. The intercept valve closure also caused an overpressurization of the E2-A feedwater heater, causing the expansion joint to fail.

The reactor reached critical at 1953 hours on the 31st of May, and the unit finished the month off line with the reactor critical and repairs being made to the E2-A feedwater heater.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR MAY, 1985

DOCKET NO	50-313
UNIT NAME	ANC Unit 1
DATE	June 5, 1985
COMPLETED BY	K. L. 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
85-03	19850531	F	20.6	A	3	1LER-85-004	SJ	HX	Reactor trip on high RCS pressure. Initiating event was an inadvertent closure of an intercept valve causing a trip of the "A" main feedwater pump and a failure of the E2-A low pressure feedwater heater expansion joint. The heater was repaired and the unit placed back on line.

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: May, 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

June 15, 1985

1CAN068501

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 May 1985 is attached.

Very truly yours,

J. Ted Enos
Manager, Licensing

JTE:MCS: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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