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December 15, 1995

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U. S. Nuclear Regulatory Commission
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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 November 1995 is attached. This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

Dwight C. Mims

Dwight C. Mims
Director, Nuclear Safety

DCM/eas

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1/1

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OPERATING DATA REPORT

DOCKET NO: 50-313
DATE: December 15, 1995
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: November 1-30
3. Licensed Thermal Power (MWt): 2,568
4. Nameplate Rating (Gross MWe): 903
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):
10. Reasons For Restrictions. If Any:

		MONTH	YR-TO-DATE	CUMULATIVE
11.	Hours in Reporting Period	720.0	8,016.0	183,643.0
12.	Number of Hours Reactor was Critical	720.0	6,831.8	136,088.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14.	Hours Generator On-Line	720.0	6,750.0	133,737.9
15.	Unit Reserve Shutdown Hours	0.0	0.0	817.5
16.	Gross Thermal Energy Generated (MWH)	1,844,686	16,419,395	310,573,285
17.	Gross Electrical Energy Generated (MWH)	634,878	5,596,139	103,908,059
18.	Net Electrical Energy Generated (MWH)	608,795	5,337,673	98,863,162
19.	Unit Service Factor	100.0	84.2	72.8
20.	Unit Availability Factor	100.0	84.2	73.3
21.	Unit Capacity Factor (Using MDC Net)	101.1	79.7	64.4
22.	Unit Capacity Factor (Using DER Net)	99.5	78.3	63.3
23.	Unit Forced Outage Rate	0.0	2.1	10.2

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		08/06/74
INITIAL ELECTRICITY		08/17/74
COMMERCIAL OPERATION		12/19/74

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-313
UNIT:	One
DATE:	December 15, 1995
COMPLETED BY:	M. S. Whitt
TELEPHONE:	(501) 858-5560

MONTH November 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	848
2	845
3	839
4	846
5	848
6	848
7	847
8	848
9	848
10	848
11	847
12	848
13	846
14	839
15	835
16	836
17	846
18	846
19	847
20	848
21	848
22	847
23	846
24	845
25	841
26	844
27	844
28	851
29	851
30	850
AVGS:	846

INSTRUCTION

On this format, list the average daily unit power level in MWe-Net for each day in reporting month. Complete to the nearest whole megawatt.

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

NOVEMBER 1995

UNIT ONE

The unit began the month of November operating at 100% power.

At 2200 hours on the third, a power reduction to 88.5% was commenced for turbine governor and throttle valve stroke testing. Following completion of the testing, power was returned to 100% at 0006 hours on the fourth. Power was reduced to 94% at 1650 hours on the sixteenth due to a main condenser tube leak repair evolution. After plugging the damaged tubes in the condenser, power was returned to 100% at 2215 hours on the sixteenth. A power reduction to 90% was commenced at 2330 hours on the twenty-sixth due to degrading main condenser vacuum. The drop in condenser vacuum was the result of macro fouling of the condenser tubesheet. After cycling the condenser waterboxes to dislodge the macro fouling, power was returned to 100% at 0205 hours on the twenty-seventh. A second power reduction to 98% due to macro fouling of the condenser tubesheet was commenced at 1544 hours on the twenty-seventh, and power was returned to 100% at 1559 hours on that same day.

The unit operated the remainder of the month at 100% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR NOVEMBER 1995

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	December 15, 1995
COMPLETED BY	M. S. Whitt
TELEPHONE	501-858-5560

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
none									

1
F: Forced
S: Scheduled

2
Reason:
A - Equipment Failure (Explain)
B - Maintenance of Test
C - Refueling
D- Regulatory Restriction
E - Operator Training & License Examination
F - Administration
G - Operational Error
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 I - Same Source

Reporting Period: November 1995

REFUELING INFORMATION

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

2. Scheduled date for next refueling shutdown: September 20, 1996

3. Scheduled date for restart following refueling: November 4, 1996

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. 10CFR Section 50.59)?

   No, No

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

   N/A

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 planned

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

   a) 177 b) 745

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 968 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: 1996 (Loss of full core off-load capability)