ENTERGY

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June 17, 1996

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U. S. Nuclear Regulatory Commission
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Washington, DC 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 May 1996 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6.

Very truly yours,

Dwight C. Mims
Director, Nuclear Safety

DCM/eas
attachment

240129

IE24

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OPERATING DATA REPORT

DOCKET NO: 50-368
DATE: June 17, 1996
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: May 1-31
3. Licensed Thermal Power (MWt): 2,815
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: N/A
9. Power Level To Which Restricted. If Any (Net MWe): 890
10. Reasons For Restrictions. If Any: Self imposed power restriction to ~ 97.9% power based on T-hot limitations in combination with current steam generator plugging and fouling levels.

		MONTH	YR-TO-DATE	CUMULATIVE
11.	Hours in Reporting Period	744.0	3,647.0	141,863.0
12.	Number of Hours Reactor was Critical	744.0	3,647.0	111,117.8
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	3,647.0	108,925.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,050,048	10,047,552	290,310,037
17.	Gross Electrical Energy Generated (MWH)	686,030	3,379,802	95,729,405
18.	Net Electrical Energy Generated (MWH)	655,503	3,230,606	91,111,272
19.	Unit Service Factor	100.0	100.0	76.8
20.	Unit Availability Factor	100.0	100.0	76.8
21.	Unit Capacity Factor (Using MDC Net)	102.7	103.2	74.9
22.	Unit Capacity Factor (Using DER Net)	96.6	97.1	70.4
23.	Unit Forced Outage Rate	0.0	0.0	9.9

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: N/A

26. Units in Test Status (Prior to Commercial Operation):
None

	Forecast	Achieved
INITIAL CRITICALITY		12/05/78
INITIAL ELECTRICITY		12/26/78
COMMERCIAL OPERATION		03/26/80

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-368
UNIT:	Two
DATE:	June 17, 1996
COMPLETED BY:	M. S. Whitt
TELEPHONE:	(501) 858-5560

MONTH May 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	886
2	884
3	882
4	881
5	880
6	881
7	881
8	881
9	880
10	880
11	885
12	886
13	887
14	885
15	881
16	880
17	879
18	878
19	879
20	879
21	879
22	882
23	880
24	878
25	877
26	877
27	879
28	881
29	883
30	884
31	879
AVGS:	881

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR MAY 1996

DOCKET NO.	50-368
UNIT NAME	ANO Unit 2
DATE	June 17, 1996
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)

5
Exhibit I - Same Source

NRC MONTHLY OPERATING REPORT

OPERATING SUMMARY

MAY 1996

UNIT TWO

The unit operated the entire month of May at 97.9% power.

Reporting Period: May 1996

REFUELING INFORMATION

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

2. Scheduled date for next refueling shutdown: April 11, 1997

3. Scheduled date for restart following refueling: May 11, 1997

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)?

   Yes, increase fuel enrichment limit from 4.1 weight percent to 5.0 weight percent, relocate reactor coolant system (RCS) flow limit to Core Operating Limits Report, and revise RCS volume in the design features section.

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

   June 1996

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) 721

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: 1997 (Loss of full core off-load capability)