Entergy
Operations

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December 17, 1990

2CAN129011

U. S. Nuclear Regulatory Commission
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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, 1990 is attached.

Very truly yours,

James J. Fisicaro

James J. Fisicaro
Manager, Licensing

JJF/SAB/prm
Attachment

IE24

cc: Mr. Robert D. Martin
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OPERATING DATA REPORT

DOCKET NO: 50-368
DATE: November, 1990
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 964-3743

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: November 1-30, 1990
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: _____
9. Power Level To Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any: None

		MONTH	YR-TO-DATE	CUMULATIVE
11.	Hours in Reporting Period	720.0	8,016.0	93,648.0
12.	Number of Hours Reactor was Critical	720.0	7,502.5	69,866.7
13.	Reactor Reserve Shutdown Hours	0.0	0.0	1,430.1
14.	Hours Generator On-Line	720.0	7,469.1	68,249.8
15.	Unit Reserve Shutdown Hours ..	0.0	0.0	75.0
16.	Gross Thermal Energy Generated (MWH)	2,024,441.0	20,518,632.0	178,727,162.0
17.	Gross Electrical Energy Generated (MWH)	674,925.0	6,772,025.0	58,729,501.0
18.	Net Electrical Energy Generated (MWH)	645,886.0	6,459,828.0	57,836,798.0
19.	Unit Service Factor	100.0	93.2	72.9
20.	Unit Availability Factor	100.0	93.2	73.0
21.	Unit Capacity Factor (Using MDC Net)	104.6	93.9	69.5
22.	Unit Capacity Factor (Using DER Net)	98.4	88.4	65.4
23.	Unit Forced Outage Rate	0.0	4.1	12.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): 2R8 Refueling Outage is scheduled to begin February, 1991; and the scheduled date for restart is April, 1991.
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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-368
UNIT: Two
DATE: November 1990
COMPLETED BY: M. S. Whitt
TELEPHONE: (501) 964-3743

MONTH November, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	896
2	896
3	894
4	897
5	900
6	900
7	900
8	900
9	898
10	899
11	897
12	896
13	897
14	896
15	896
16	897
17	898
18	900
19	897
20	895
21	895
22	897
23	899
24	898
25	896
26	890
27	893
28	900
29	900
30	900

AVGS: 897

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, 1990

UNIT TWO

The unit operated the entire month at 100% full power (FP).

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR NOVEMBER, 1990

DOCKET NO. 50-368
UNIT NAME Two
DATE November, 1990
COMPLETED BY M. S. Whitt
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
None									

[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: November, 1990

REFUELING INFORMATION

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

2. Scheduled date for next refueling shutdown. February, 1991
(Beginning of Cycle 8 criticality was 11/18/89)

3. Scheduled date for restart following refueling. April, 1991

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)?

None Expected. Reload fuel design is in progress.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. None Required

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.

To obtain the presently planned cycle 8 length of 420 EFPD, it will be necessary to raise the current peak rod burnup limits. A report justifying an increase was submitted in July, 1989. *

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 421

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: 1996 (Loss of fullcore offload capability)

* NOTE: NRC approval was given on the Extended Burnup Topical in November, 1990. Therefore, allowing Cycle 8 operation to continue to its specified cycle length.