



**Entergy
Operations**

Entergy Operations, Inc.

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March 15, 1994

2CAN039404

U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station P1-137
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 (MOR) for February, 1994 is attached. This report is submitted in accordance with ANO-2 Technical Specification 6.9.1.6

Very truly yours,

Dwight C. Mims
Dwight C. Mims
Director, Licensing

DCM/jrh
Attachment

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U. S. NRC
March 15, 1994
2CAN039404 Page 2

cc: Mr. Leonard J. Callan
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
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NRC Senior Resident Inspector
Arkansas Nuclear One - ANO-1 & 2
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OPERATING DATA REPORT

DOCKET NO: 50-368
 DATE: March 2, 1994
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 964-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 2
2. Reporting Period: February 1-28, 1994
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

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	672.0	1,416.0	122,112.0
12. Number of Hours Reactor was Critical	672.0	1,416.0	94,237.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	672.0	1,416.0	92,342.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,890,714	3,951,301	244,931,284
17. Gross Electrical Energy Generated (MWH)	623,625	1,305,529	80,627,866
18. Net Electrical Energy Generated (MWH)	596,140	1,247,909	76,720,818
19. Unit Service Factor	100.0	100.0	75.6
20. Unit Availability Factor	100.0	100.0	75.6
21. Unit Capacity Factor (Using MDC Net)	103.4	102.7	73.2
22. Unit Capacity Factor (Using DEC Net)	97.3	96.6	68.9
23. Unit Forced Outage Rate	0.0	0.0	11.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage 2R10 is scheduled for March 11, 1994 through April 24, 1994.</u>			
25. if Shut Down At End of Report Period. Estimated Date of Startup: _____			
26. Units in Test Status (Prior to Commercial Operation): _____			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	_____	<u>12/03/78</u>
INITIAL ELECTRICITY	_____	<u>12/26/78</u>
COMMERCIAL OPERATION	_____	<u>03/26/80</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO:	50-368
UNIT:	Two
DATE:	March 2, 1994
COMPLETED BY:	M. S. Whitt
TELEPHONE:	(501) 964-5560

MONTH February, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
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1	884
2	884
3	884
4	883
5	884
6	883
7	880
8	882
9	884
10	883
11	885
12	890
13	890
14	890
15	889
16	889
17	889
18	889
19	885
20	889
21	890
22	891
23	890
24	891
25	890
26	891
27	891
28	889
29	#N/A
30	#N/A
31	#N/A

AVGS: 887

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

FEBRUARY 1994

UNIT TWO

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

At 1201 hours on the twenty-eighth, the unit began a power coastdown in preparation for the upcoming 2R10 Refueling and Maintenance Outage. The unit ended the month at 99.5% power.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR FEBRUARY, 1994

DOCKET NO.	<u>50-368</u>
UNIT NAME	<u>ANO Unit 2</u>
DATE	<u>March 2, 1994</u>
COMPLETED BY	<u>M. S. Whitt</u>
TELEPHONE	<u>501-964-5560</u>

<u>NO.</u>	<u>DATE</u>	<u>TYPE</u> ¹	<u>DURATION</u> (<u>HOURS</u>)	<u>REASON</u> ²	<u>METHOD OF</u> <u>SHUTTING DOWN</u> <u>REACTOR</u> ³	<u>LICENSEE</u> <u>EVENT</u> <u>REPORT #</u>	<u>SYSTEM</u> <u>CODE</u> ⁴	<u>COMPONENT</u> <u>CODE</u> ⁵	<u>CAUSE & CORRECTIVE ACTION TO</u> <u>PREVENT RECURRENCE</u>
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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

DATE: February, 1994

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 2
2. Scheduled date for next refueling shutdown. March 11, 1994
3. Scheduled date for restart following refueling. April 24, 1994
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. Technical Specification changes to relocate cycle specific parameters to a Core Operating Limits Report.
5. Scheduled date(s) for submitting proposed licensing action and supporting information.
Changes submitted July 22, 1993.
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) 565
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)