

OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: February 4, 1992
 COMPLETED BY: K. R. Hayes
 TELEPHONE: (501) 964-5535

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: January 1-31, 1992
3. Licensed Thermal Power (MWt): 2,568
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	CUMULATIVE
11. hours in Reporting Period	744.0	744.0	150,067.0
12. Number of Hours Reactor was Critical	744.0	744.0	106,605.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	744.0	744.0	104,476.8
15. Unit Reserve Shutdown Hours ..	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,887,411.0	1,887,411.0	237,068,849.0
17. Gross Electrical Energy Generated (MWH)	649,055.0	649,055.0	78,927,595.0
18. Net Electrical Energy Generated (MWH)	621,976.0	621,976.0	74,997,224.0
19. Unit Service Factor	100.0	100.0	69.6
20. Unit Availability Factor	100.0	100.0	70.2
21. Unit Capacity Factor (Using MDC Net)	100.0	100.0	59.8
22. Unit Capacity Factor (Using DEC Net)	98.4	98.4	58.8
23. Unit Forced Outage Rate	0.0	0.0	12.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>1R10 Refueling Outage is scheduled to begin February 29, 1992 and the unit is scheduled to restart April 27, 1992.</u>			
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

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MONTH January, 1992

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	847
2	847
3	679
4	716
5	840
6	846
7	847
8	847
9	847
10	848
11	846
12	846
13	847
14	847
15	848
16	847
17	846
18	846
19	846
20	836
21	846
22	846
23	843
24	843
25	846
26	846
27	846
28	845
29	846
30	846
31	845

AVGS: 836

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.

MONTHLY OPERATING REPORT

OPERATING SUMMARY

JANUARY, 1992

UNIT ONE

Unit One began the month operating at full power. On the third at 10:00 hours, the unit load was decreased to 60% to repair a tube leak in the E8A Feedwater Heater. As the unit returned to full power, the scheduled monthly turbine valve surveillance was performed, starting at 21:46 hours. During the turbine valve surveillance, at 22:25 hours, the plant load was decreased to 65% power to stabilize oscillations in the 1B Main Feedwater pump. By 04:45 hours on the fourth, the unit had returned to 91% power to allow completion of the turbine valve surveillance. During the ramp back to full power, after completion of the turbine valve test (at 05:04 hours), the plant experienced another erratic control condition on the 1B Main Feedwater Pump. The plant reduced power to 85% to stabilize the pump. At 16:55 hours on the same day, power was increased and the unit reached full power at 00:48 hours on the fifth. At 13:28 hours on the fifth, power was decreased to 90% to investigate the control oscillations on the 1B Main Feedwater Pump. The unit was returned to full power at 16:05 hours on the same day. On the seventeenth at 08:40 hours, power was reduced to 98% to allow operation with only two Circulating Water Pumps due to a fish run at the intake screenhouse. This condition ended at 09:55 hours on the same day. Power was reduced to 95% on the twentieth at 08:15 hours to again allow operation with only two Circulating Water Pumps due to a fish run. The unit returned to full power on the same day at 12:15 hours. On the twenty-third at 14:05 hours, power was reduced to 98% to allow the isolation of a waterbox due to indication of a condenser tube leak. The unit was returned to full power at 19:00 hours on the same day. The unit operated at full power for the remainder of January.

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR JANUARY, 1992

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UNIT NAME	ANO Unit 1
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<u>No.</u>	<u>Date</u>	<u>Type</u>	<u>Duration</u> <u>(Hours)</u>	<u>Reason²</u>	<u>Method of</u> <u>Shutting</u> <u>Down Reactor³</u>	<u>Licensee</u> <u>Event</u> <u>Report #</u>	<u>System</u> <u>Code⁴</u>	<u>Component</u> <u>Code⁵</u>	<u>Cause & Corrective</u> <u>Action to</u> <u>Prevent Recurrence</u>
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: January, 1992

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. February 29, 1992
3. Scheduled date for restart following refueling. April 27, 1992
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. TS changes per GL 88-16 incorporating use of a Core Operating Limits Report (COLR) was submitted to the NRC.
5. Scheduled date(s) for submitting proposed licensing action and supporting information. COLR was submitted to the NRC November 7, 1991.
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 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: 1995 (Loss of fullcore offload capability)