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November 15, 1995

1CAN119501

U. S. Nuclear Regulatory Commission
Document Control Desk
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Washington, DC 20555

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 October 1995 is attached.
This report is submitted in accordance with ANO-1 Technical Specification 6.12.2.3.

Very truly yours,

Dwight C. Mims
Director, Nuclear Safety

DCM/dwb

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R PDR

U. S. NRC

November 15, 1995

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cc: Mr. Leonard J. Callan
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U. S. Nuclear Regulatory Commission
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OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: October 1-31
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: _____

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	745.0	7,296.0	182,923.0
12. Number of Hours Reactor was Critical	745.0	6,111.8	135,368.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	745.0	6,030.0	133,017.9
15. Unit Reserve Shutdown Hours	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	1,909,299	14,574,710	308,728,599
17. Gross Electrical Energy Generated (MWH)	656,156	4,961,261	103,273,181
18. Net Electrical Energy Generated (MWH)	628,633	4,728,879	98,254,368
19. Unit Service Factor	100.0	82.6	72.7
20. Unit Availability Factor	100.0	82.6	73.2
21. Unit Capacity Factor (Using MDC Net)	100.9	77.5	64.3
22. Unit Capacity Factor (Using DER Net)	99.3	76.3	63.2
23. Unit Forced Outage Rate	0.0	2.3	10.3
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	_____	<u>08/06/74</u>
INITIAL ELECTRICITY	_____	<u>08/17/74</u>
COMMERCIAL OPERATION	_____	<u>12/19/74</u>

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH October 1995

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1	842
2	842
3	842
4	842
5	844
6	845
7	846
8	845
9	845
10	844
11	844
12	844
13	843
14	837
15	845
16	843
17	842
18	842
19	841
20	843
21	845
22	845
23	837
24	843
25	845
26	847
27	847
28	848
29	844
30	848
31	849

AVGS: 844

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
OCTOBER 1995
UNIT ONE

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

At 0044 hours on the fourteenth, a power reduction to 89% was commenced for turbine governor and throttle valve stroke testing. Following completion of the testing, power was returned to 100% at 0421 hours on the fourteenth. Due to a main condenser tube leak, a minimal power reduction was initiated at 0901 hours on the twenty-third as a precaution to ensure that removing the associated water box from service would not degrade condenser vacuum excessively. Low lake temperatures obviated the need for significant power reduction. At 1200 hours on the twenty-third, power was returned to 100% while work continued on the condenser. At 0735 hours on the twenty-fourth, the "B" north condenser bundle was returned to service.

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

**UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR OCTOBER 1995**

DOCKET NO.	<u>50-313</u>
UNIT NAME	<u>ANO Unit 1</u>
DATE	<u>November 15, 1995</u>
COMPLETED BY	<u>M. S. Whitt</u>
TELEPHONE	<u>(501) 858-5560</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 - Operations 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

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:

NA
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)