

November 15, 1996

ICAN119602

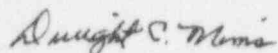
U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Monthly Operating Report

Gentlemen:

The Arkansas Nuclear One - Unit 1 Monthly Operating Report for October 1996 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/ead
attachment

200063

IE241

U. S. NRC

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U. S. Nuclear Regulatory Commission
Region IV
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OPERATING DATA REPORT

DOCKET NO: 50-313
 DATE: November 15, 1996
 COMPLETED BY: M. S. Whitt
 TELEPHONE: (501) 858-5560

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: Oct. 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: N/A
9. Power Level To Which Restricted. If Any (Net MWe): None
10. Reasons For Restrictions. If Any: N/A

	<u>MONTH</u>	<u>YR-TO-DATE</u>	<u>CUMULATIVE</u>
11. Hours in Reporting Period	745.0	7,320.0	191,707.0
12. Number of Hours Reactor was Critical	189.8	6,199.5	143,031.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,044.0
14. Hours Generator On-Line	160.1	6,149.4	140,631.3
15. Unit Reserve Shutdown Hours	0.0	0.0	817.5
16. Gross Thermal Energy Generated (MWH)	345,802	15,309,580	327,783,495
17. Gross Electrical Energy Generated (MWH)	115,292	5,272,551	109,842,596
18. Net Electrical Energy Generated (MWH)	103,654	5,032,905	104,531,118
19. Unit Service Factor	21.5	84.0	73.4
20. Unit Availability Factor	21.5	84.0	73.8
21. Unit Capacity Factor (Using MDC Net)	16.6	82.2	65.2
22. Unit Capacity Factor (Using DER Net)	16.4	80.9	64.1
23. Unit Forced Outage Rate	52.8	5.6	10.0
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: <u>N/A</u>			
26. Units in Test Status (Prior to Commercial Operation): None			

	<u>Forecast</u>	<u>Achieved</u>
INITIAL CRITICALITY	<u> </u>	<u>08/06/74</u>
INITIAL ELECTRICITY	<u> </u>	<u>08/17/74</u>
COMMERCIAL OPERATION	<u> </u>	<u>12/19/74</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO: 50-313
UNIT: One
DATE: November 15, 1996
COMPI ETED BY: M. S. Whitt
TELEPHONE: (501) 858-5560

MONTH October 1996

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	-5
2	-4
3	-1
4	-2
5	-5
6	-5
7	-5
8	-5
9	-2
10	-4
11	-6
12	-7
13	-6
14	-8
15	-8
16	-8
17	-26
18	-8
19	-8
20	-8
21	-8
22	-32
23	-33
24	-33
25	34
26	362
27	697
28	857
29	859
30	859
31	859

AVGS: 138

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 1996
UNIT ONE

The month began with the unit off-line for refueling outage 1R13.

During plant heatup on the seventeenth, an oil fire was discovered in the reactor building emanating from insulation around the "B" steam generator main feed water ring. The fire was extinguished at 1623 hours. The decision was made to return the unit to cold shutdown with cooldown commencing at 1635 hours.

After restoring equipment to an acceptable condition, plant heatup was commenced at 2320 hours on the twenty-first with criticality achieved at 0310 hours on the twenty-fourth. The unit was placed on line at 0634 hours on the twenty-fifth which marked the end of 1R13.

The unit was taken off line at 1727 hours on the twenty-fifth to perform the planned main turbine overspeed trip test. Following a successful test, the unit was placed back on line at 1946 hours. One hundred percent power was attained at 0215 hours on the twenty-eighth.

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

**UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT FOR OCTOBER 1996**

DOCKET NO.	50-313
UNIT NAME	ANO Unit 1
DATE	November 15, 1996
COMPLETED BY	M. S. Whitt
TELEPHONE	501-858-5560

<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>
96-07	961001	S	403.2	C	9	N/A	ZZ	ZZZZZZ	Unit off-line for 1R13 refueling outage.
96-08	961017	F	179.3	A	4	1-96-009-00	AB	PSP	During plant heatup, a fire occurred in the reactor building. The fire started from oil soaked insulation on steam generator E-24B near reactor coolant pump P-32B. Corrective actions related to this event will be reported in LER 1-96-009-00 (1CAN119601).
96-09	961025	S	2.3	H	5	N/A	TA	ZZZZZZ	Unit taken off line to perform main turbine overspeed trip test.

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

REFUELING INFORMATION

1. Name of facility: Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown: March 20, 1998
3. Scheduled date for restart following refueling: May 9, 1998
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:

N/A
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:

Full core off-load capability no longer available until a sufficient amount of spent fuel can be placed in on-site dry storage.