

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313

UNIT ANO-1

DATE 9-12-79

COMPLETED BY L. S. Bramlett

TELEPHONE 501/968-2519

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>269</u>
14	<u>56</u>
15	<u>714</u>
16	<u>800</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>814</u>
18	<u>817</u>
19	<u>818</u>
20	<u>818</u>
21	<u>819</u>
22	<u>818</u>
23	<u>820</u>
24	<u>825</u>
25	<u>825</u>
26	<u>825</u>
27	<u>824</u>
28	<u>825</u>
29	<u>823</u>
30	<u>822</u>
31	<u>822</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

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OPERATING DATA REPORT

DOCKET NO. 50-313
 DATE 9-12-79
 COMPLETED BY L. S. Bramlett
 TELEPHONE 501/968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: August 1-31, 1979
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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	5,831.0	41,202.0
12. Number Of Hours Reactor Was Critical	453.9	2,233.1	27,943.2
13. Reactor Reserve Shutdown Hours	290.1	1,969.7	3,959.6
14. Hours Generator On-Line	430.3	2,075.7	27,289.4
15. Unit Reserve Shutdown Hours	0.0	591.5	796.7
16. Gross Thermal Energy Generated (MWH)	1,069,349.0	4,967,232.0	65,773,941.0
17. Gross Electrical Energy Generated (MWH)	355,602.0	1,634,750.0	21,875,431.0
18. Net Electrical Energy Generated (MWH)	339,685.0	1,558,481.0	20,869,027.0
19. Unit Service Factor	57.8	35.6	66.2
20. Unit Availability Factor	57.8	45.7	68.2
21. Unit Capacity Factor (Using MDC Net)	54.6	32.0	60.6
22. Unit Capacity Factor (Using DER Net)	53.7	31.4	59.6
23. Unit Forced Outage Rate	42.2	53.2	16.6

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: NA

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

REFUELING INFORMATION

DATE: August 1979

1. Name of facility. Arkansas Nuclear One - Unit 1
2. Scheduled date for next refueling shutdown. 11/01/1980
3. Scheduled date for restart following refueling. 01/01/1981
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 these 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. Reload Report and associated proposed Technical Specification
Changes.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. 09/01/1980
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.

Will reload 72 fresh fuel assemblies and operate for approximately
16 months.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool. a) 177 b) 176
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 590 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: March, 1988

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-313
 UNIT NAME ANO - Unit 1
 DATE September 12, 1979
 COMPLETED BY L. S. Bramlett
 TELEPHONE 501 968-2519

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
79-03	790709	F	288.6	A	1	NA	HA	TURBIN	Main Turbine Bearing High Vibration.
79-04	790813	F	25.1	A	3	50-313/79-14	EG	RELAYX	Switchyard Relay Failure.

POOR ORIGINAL

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 Other (Explain)

4
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
 Exhibit I - Same Source

50-313

(9/77)

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY - AUGUST, 1979

UNIT 1

The unit remained shut down during the first 12 days of August for the completion of NRC bulletins. On August 12, the piping walk down per NRC Bulletins IE 79-02 and IE 79-14 was completed. Also the reactor went critical and the Turbine Roll began. On Monday, August 13, the unit was placed on line, only to trip off line later that day due to a switchyard relay failure. The failure subsequently caused a Reactor Trip. On August 14, the unit was placed back on line and on August 16, the reactor continued normal operation at 100% reactor power for the remainder of the month.