AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-313
UNIT ANO-1
DATE 6/13/80
COMPLETED BY L.S.Bramlett
TELEPHONE 501/968-2519

MONTH May, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	36	21	0
6	294	22	0
7	645	23	0
8	665	24	0
9	668	25	0
10	71	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-313
DATE 6/13/80
COMPLETED BY L.S.Bramlett
TELEPHONE 501/968-2519

OPERATING STATUS

1. Unit Name: Arkansas Nuclear One - Unit 1
2. Reporting Period: May 1-31, 1980
3. Licensed Thermal Power (MWt): 2568
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	3647.0	47778.0
12. Number Of Hours Reactor Was Critical	128.7	1710.4	31848.6
13. Reactor Reserve Shutdown Hours	90.2	464.8	4712.2
14. Hours Generator On-Line	109.3	1671.6	31142.1
15. Unit Reserve Shutdown Hours	0.0	20.8	817.5
16. Gross Thermal Energy Generated (MWH)	201913.0	3844695.0	75106739.0
17. Gross Electrical Energy Generated (MWH)	60927.0	1198925.0	24920081.0
18. Net Electrical Energy Generated (MWH)	57078.0	1140353.0	23774389.0
19. Unit Service Factor	14.7	45.8	65.2
20. Unit Availability Factor	14.7	46.4	66.9
21. Unit Capacity Factor (Using MDC Net)	9.2	37.4	59.5
22. Unit Capacity Factor (Using DER Net)	9.0	36.8	58.5
23. Unit Forced Outage Rate	82.8	28.0	16.4

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: June 6, 1980
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-313
UNIT NAME ANO Unit 1
DATE 6-13-80
COMPLETED BY L. S. Bramlett
TELEPHONE 501-968-2519

REPORT MONTH May

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
80-03	800419	S	105.35	F	1	NONE	ZZ	ZZZZZ	The outage was administratively authorized for economic reasons.
80-04	800505	S	4.11	B	4	NONE	ZZ	ZZ	Turbine overspeed trip test.
80-05	800510	F	525.22	A	1	NONE	CA	Pumpxx	"C" RCP seal failure.

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

REFUELING INFORMATION

DATE: May, 1980

1. Name of facility. Arkansas Nuclear One - Unit 1

2. Scheduled date for next refueling shutdown. 1/1/81

3. Scheduled date for restart following refueling. 3/1/81

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. Also, the safety analysis of four demonstration high burn-up assemblies will be provided.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. 10/1/80

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 68 fresh fuel assemblies and operate for approximately 16 months. Four of which will be high burn-up test assemblies.

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: 1986

NRC MONTHLY OPERATING REPORT
OPERATING SUMMARY - MAY 1980 UNIT I

The unit began the month in the cold shutdown mode to complete 80-03 outage work. The unit was tied on line May 5 and after 9 hours of operation the unit was taken off line for the turbine over speed trip test. The test was completed satisfactorily on May 5 and the unit was placed back on line the same day. The unit operated until May 10, when it was taken off line due to the failure of "C" reactor coolant pump seal. The unit was down the remainder of the month for repair and preventive maintenance work on reactor coolant pumps.

ARKANSAS NUCLEAR ONE - UNIT I

Periodic Core Power Distribution Comparison

A Radial Power Distribution comparison was performed at 156.2 EFPD. The RMS (root mean square) of the differences between measured and predicted at the 52 instrumented fuel assembly locations was 0.028 which is well within the acceptance criterion of 0.073.