

OPERATING DATA REPORT

DOCKET NO. 50-339  
 DATE 12-03-81  
 COMPLETED BY L.L. Rogers  
 TELEPHONE (703) 894-5151 X2510

OPERATING STATUS

Notes \* These figures reflect an adjustment for burnup over estimation.

1. Unit Name: North Anna 2
2. Reporting Period: November 1981
3. Licensed Thermal Power (MWt): 2775
4. Nameplate Rating (Gross MWe): 947
5. Design Electrical Rating (Net MWe): 907
6. Maximum Dependable Capacity (Gross MWe): 939
7. Maximum Dependable Capacity (Net MWe): 890
8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give Reasons:

N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>8,016</u>	<u>8,448</u>
12. Number of Hours Reactor Was Critical	<u>720</u>	<u>6,244.3</u>	<u>6,673.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>1,358.5</u>	<u>1,638.5</u>
14. Hours Generator On-Line	<u>720</u>	<u>6,032.3</u>	<u>6,495</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,952,235</u>	<u>15,755,231</u>	<u>16,842,228</u>
17. Gross Electrical Energy Generated (MWH)	<u>660,465</u>	<u>5,314,341</u>	<u>5,682,772</u>
18. Net Electrical Energy Generated (MWH)	<u>627,637</u>	<u>5,030,635</u>	<u>5,380,279</u>
19. Unit Service Factor	<u>100</u>	<u>75.9</u>	<u>76.9</u>
20. Unit Availability Factor	<u>100</u>	<u>75.9</u>	<u>76.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.9</u>	<u>70.5</u>	<u>71.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.1</u>	<u>69.2</u>	<u>70.2</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>21.1</u>	<u>20.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling Outage 03-05-82 thru 05-14-82

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY \_\_\_\_\_  
 INITIAL ELECTRICITY \_\_\_\_\_  
 COMMERCIAL OPERATION \_\_\_\_\_

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-339

UNIT NA-2

DATE 12-03-81

COMPLETED BY L.L. Rogers

TELEPHONE (703) 894-5151 X2510

MONTH November

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>835</u>	17	<u>881</u>
2	<u>839</u>	18	<u>884</u>
3	<u>868</u>	19	<u>886</u>
4	<u>867</u>	20	<u>888</u>
5	<u>813</u>	21	<u>882</u>
6	<u>830</u>	22	<u>889</u>
7	<u>869</u>	23	<u>888</u>
8	<u>871</u>	24	<u>889</u>
9	<u>871</u>	25	<u>887</u>
10	<u>876</u>	26	<u>886</u>
11	<u>876</u>	27	<u>876</u>
12	<u>872</u>	28	<u>881</u>
13	<u>870</u>	29	<u>889</u>
14	<u>844</u>	30	<u>888</u>
15	<u>875</u>	31	<u></u>
16	<u>882</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-339  
 UNIT NAME North Anna 2  
 DATE 12-03-81  
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REPORT MONTH November

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
81-45	811104	S	N/A	B	5	N/A	N/A	N/A	Ramped unit down to $\approx$ 870 MWE to run sound analysis on 2-FW-P-1B.
81-46	811113	S	N/A	B	5	N/A	N/A	N/A	Ramped unit down to 817 MWE to obtain data on turbine vibration (#2 bearing).
81-47	811114	S	N/A	B	5	N/A	N/A	N/A	Ramped unit down to perform turbine valve freedom test.
81-48	811127	F	N/A	F	5	N/A	N/A	N/A	Reduced load to 96% power due to hi temperature alarms on "B" Main Transformer.
81-49	811128	S	N/A	B	5	N/A	N/A	N/A	Reduced load to 90% power to perform Turbine Valve Freedom Test.

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)

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Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram  
 4-Continuation  
 5-Load Reduction  
 9-Other

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

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Exhibit 1 - Same Source