

VIRGINIA ELECTRIC AND POWER COMPANY

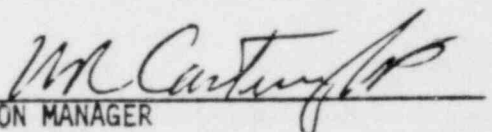
NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH September YEAR 1981

(Revised 11-05-81)

APPROVED:

  
STATION MANAGER

# OPERATING DATA REPORT

DOCKET NO. 50-338  
 DATE 10-05-81  
 COMPLETED BY L.L. Rogers  
 TELEPHONE (703) 894-5151 X2510

## OPERATING STATUS

### Notes

- \* Corrects reevaluation of auxiliary load consumption.

- Unit Name: North Anna 1
- Reporting Period: September 1981 (Revised 11-05-81)
- Licensed Thermal Power (MWt): 2775
- Nameplate Rating (Gross MWe): 947
- Design Electrical Rating (Net MWe): 907
- Maximum Dependable Capacity (Gross MWe): \*918
- Maximum Dependable Capacity (Net MWe): 865
- If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give Reasons:

N/A

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6,551	29,112
12. Number of Hours Reactor Was Critical	720	4,243.8	22,216.9
13. Reactor Reserve Shutdown Hours	0	13.8	226.9
14. Hours Generator On-Line	720	4,124.8	21,772.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,929,551	10,897,224	56,065,927
17. Gross Electrical Energy Generated (MWH)	620,516	3,540,720	17,875,632
18. Net Electrical Energy Generated (MWH)	586,022	3,341,231	16,826,234
19. Unit Service Factor	100	62.9	74.8
20. Unit Availability Factor	100	62.9	74.8
21. Unit Capacity Factor (Using MDC Net)	94.1	58.9	66.8
22. Unit Capacity Factor (Using DER Net)	89.7	56.2	63.7
23. Unit Forced Outage Rate	0	1.3	5.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Fall Maintenance - 10-05-81 thru 10-23-81

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

Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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# OPERATING DATA REPORT

DOCKET NO. 50-339  
DATE 10-05-81  
COMPLETED BY L.L. Rogers  
TELEPHONE (703) 894-5151 X2510

## OPERATING STATUS

### Notes

1. Unit Name: North Anna 2
2. Reporting Period: September 1981 (Revised 11-05-81)
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:

\* Corrects reevaluation of auxiliary load consumption.

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	720	6,551	6,983
12. Number of Hours Reactor Was Critical	670.2	4,791.1	5,220
13. Reactor Reserve Shutdown Hours	0	1,341.4	1,621.4
14. Hours Generator On-Line	666.1	4,649.1	5,061.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,802,899	11,904,002	12,990,999
17. Gross Electrical Energy Generated (MWH)	608,189	4,009,928	4,378,359
18. Net Electrical Energy Generated (MWH)	576,864	3,791,660	4,141,304
19. Unit Service Factor	92.5	70.9	72.5
20. Unit Availability Factor	92.5	70.9	72.5
21. Unit Capacity Factor (Using MDC Net)	90.0	65.0	66.6
22. Unit Capacity Factor (Using DER Net)	88.3	63.8	65.4
23. Unit Forced Outage Rate	7.5	25.6	24.2
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

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