

VIRGINIA ELECTRIC AND POWER COMPANY

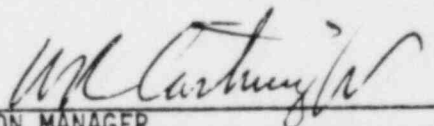
NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH June YEAR 1981

(Revised 11-05-81)

APPROVED:

  
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STATION MANAGER

8111190717 811113  
PDR ADOCK 05000338  
R PDR

# OPERATING DATA REPORT

DOCKET NO. 50-338  
DATE 07-03-81  
COMPLETED BY L.L. Rogers  
TELEPHONE (703) 894-5151 X2510

## OPERATING STATUS

### Notes

\* Corrects reevaluation of auxiliary load consumption.

1. Unit Name: North Anna 1
2. Reporting Period: June 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): \*918
7. Maximum Dependable Capacity (Net MWe): 865
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	720	4,343	26,904
12. Number of Hours Reactor Was Critical	718.4	2,052	20,025.1
13. Reactor Reserve Shutdown Hours	1.6	3.8	216.9
14. Hours Generator On-Line	709.7	1,953.3	19,601.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,933,276	5,101,600	50,270,303
17. Gross Electrical Energy Generated (MWH)	633,348	1,675,850	16,010,762
18. Net Electrical Energy Generated (MWH)	598,983	1,582,079	15,067,082
19. Unit Service Factor	98.6	45	72.9
20. Unit Availability Factor	98.6	45	72.9
21. Unit Capacity Factor (Using MDC Net)	96.2	42.1	64.7
22. Unit Capacity Factor (Using DER Net)	91.7	40.2	61.7
23. Unit Forced Outage Rate	1.4	0.9	5.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Fall Maintenance - 10-02-81 thru 10-16-81

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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# OPERATING DATA REPORT

DOCKET NO. 50-339  
 DATE 07-03-81  
 COMPLETED BY L.L. Rogers  
 TELEPHONE (703) 894-5151 X2510

## OPERATING STATUS

### Notes

\* Corrects reevaluation of auxiliary load consumption.

1. Unit Name: North Anna 2
2. Reporting Period: June 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

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	4,343	4,775
12. Number of Hours Reactor Was Critical	444.7	3,765.1	4,194
13. Reactor Reserve Shutdown Hours	275.3	310.8	590.8
14. Hours Generator On-Line	441.8	3,692	4,104.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,205,121	9,810,364	10,932,877
17. Gross Electrical Energy Generated (MWH)	404,242	3,216,123	3,584,554
18. Net Electrical Energy Generated (MWH)	383,539	3,041,481	3,391,125
19. Unit Service Factor	61.4	85	86
20. Unit Availability Factor	61.4	85	86
21. Unit Capacity Factor (Using MDC Net)	59.9	78.7	79.8
22. Unit Capacity Factor (Using DER Net)	58.7	77.2	78.3
23. Unit Forced Outage Rate	38.6	9.0	8.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Fall Maintenance - 10-16-81 thru 10-30-81

25. If Shut Down At End Of Report Period, Estimated Date of Startup: July 2, 1981
26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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