VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH August YEAR 1981

(Revised 11-05-81)

APPROVED:

STATION MANAGER

OPERATING DATA REPORT

DOCKET NO. 50-338
DATE 09-03-81
COMPLETED BY L.L. Rogers
TELEPHONE (703) 894-5151 X2510

OPERATING STATUS

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

Notes

* Corrects reevaluation of auxiliary load consumption.

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	744	5,831	28,392
12.	Number of Hours Reactor Was Critical	734.4	3,523.8	21,496.9
13.	Reactor Reserve Shutdown Hours	9	13.8	226.9
14.	Hours Generator On-Line	723.4	3,404.8	21,052.9
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	1,908,468	8,967,673	54,136,376
17.	Gross Electrical Energy Generated (MWH)	609,624	2,920,204	17,255,116
18.	Net Electrical Energy Generated (MWH)	574,494	2,755,209	16,240,212
19.	Unit Service Factor	97.2	58.4	74.2
20.	Unit Availability Factor	97.2	58.4	74.2
21.	Unit Capacity Factor (Using MDC Net)	89.3	54.6	66.1
22.	Unit Capacity Factor (Using DER Net)	85.1	52.1	63.1
23.	Unit Forced Outage Rate	2.8	1.6	5.3

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		

OPERATING DATA REPORT

DOCKET NO. 50-339
DATE 09-03-81
COMPLETED BY L.L. Rogers
TELEPHONE (703) 894-5151 X2510

OPERATING STATUS

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

Notes

* Corrects reevaluation of auxiliary load consumption.

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	744	5,831	6,263
12. Number of Hours Reactor Was Critical	341.7	4,120.9	4,549.8
13. Reactor Reserve Shutdown Hours	286.6	1,341.4	1,621.4
14. Hours Generator On-Line	291	3,983	4,395.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	560,891	10,101,103	11,188,100
17. Gross Electrical Energy Generated (MWH)	185,616	3,401,739	3,770,170
18. Net Electrical Energy Generated (MWH)	173,315	3,214,796	3,564,440
19. Unit Service Factor	41.6	68.6	70.5
20. Unit Availability Factor	41.6	68.6	70.5
21. Unit Capacity Factor (Using MDC Net)	26.2	61.9	63.9
22. Unit Capacity Factor (Using DER Net)	25.7	60.8	62.7
23. Unit Forced Outage Rate	58.4	27.9	26.2

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		