VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH June YEAR 1979

SUBMITTED:

SUPERINTENDENT - OPERATIONS

APPROVED:

MANAGER

426 244

OPERATING DATA REPORT

DOCKET NO. 50-338
DATE 7-3-79
COMPLETED BY W. R. Madison
TELEPHONE (703) 894-5151

OPERATING STATUS

1. Unit Name: North Anna, Unit 1
2. Reporting Period: June 1979
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): 928
7. Maximum Dependable Capacity (Net MWe): 898
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

Notes

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	4,344	9,361
12. Number Of Hours Reactor Was Critical	720	3,408.2	8,455
13. Reactor Reserve Shutdown Hours	0	11.8	11.8
14. Hours Generator On-Line	720	3,331.2	7,982.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,945,847	8,916,895	21,113,690
17. Gross Electrical Energy Generated (MWH)	617,457	2,846,527	6,746,964
18. Net Electrical Energy Generated (MWH)	583,847	2,684,748	6,349,328
19. Unit Service Factor	100	76.7	85.3
20. Unit Availability Factor	100	76.7	85.3
21. Unit Capacity Factor (Using MDC Net)	90.3	68.8	75.5
22. Unit Capacity Factor (Using DER Net)	89.4	68.1	74.8
23. Unit Forced Outage Rate	0	22.1	11.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling; September, October and November; 11 weeks

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		

426 245

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-338
UNIT NA 1
DATE 7-3-79
COMPLETED BY W. R. Madison
TELEPHONE (703) 894-5151

MONTH June 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	572	17	817
2	784	18	816
3	826	19	823
4	828	20	816
5	839	21	819
6	843	22	816
7	830	23	815
8	731	24	813
9	822	25	816
10	815	26	816
11	830	27	823
12	831	28	832
13	829	29	824
14	834	30	822
15	829	31	
16	816		

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1979

DOCKET NO. 50-338
UNIT NAME North Anna Unit #1
DATE 7/1/79
COMPLETED BY A. G. Neufer
TELEPHONE 894-5151 x 229

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
79-11									THIS PERIOD OF SIGNIFICANT POWER REDUCTION WAS CONCLUDED ON 6-1-79 AT 2135, WHEN "C" MAIN FEEDPUMP WAS RETURNED TO NORMAL SERVICE.

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

(9/77)

*S A

4265 247

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET

DOCKET NO. 50-338
REPORT MONTH JUNE
UNIT NAME No. Anna #1
YEAR 1979
DATE 7/2/79
COMPLETED BY

79-11	A	High bearing temperature on "C" main feedpump required a reduction in megawatt load when the feedpump was removed from service.