

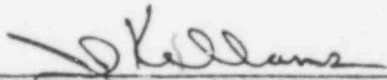
VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH AUGUST YEAR 1979

SUBMITTED:



SUPERINTENDENT - OPERATIONS

APPROVED:

956278



MANAGER

7909170419

OPERATING DATA REPORT

DOCKET NO. 50-338
DATE 09-04-79
COMPLETED BY W.R. Madison
TELEPHONE 703-894-5151

OPERATING STATUS

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

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 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	744	5,832	10,849
12. Number Of Hours Reactor Was Critical	744	4,896.2	9,943
13. Reactor Reserve Shutdown Hours	0	11.8	11.8
14. Hours Generator On-Line	744	4,819.2	9,470.9
15. Unit Reserve Shutdown: Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,044,516	19,948,750	25,145,545
17. Gross Electrical Energy Generated (MWH)	633,364	4,099,983	8,000,556
18. Net Electrical Energy Generated (MWH)	597,935	3,868,122	7,532,702
19. Unit Service Factor	100	82.6	87.3
20. Unit Availability Factor	100	82.6	87.3
21. Unit Capacity Factor (Using MDC Net)	89.5	73.9	77.3
22. Unit Capacity Factor (Using DER Net)	88.6	73.1	76.6
23. Unit Forced Outage Rate	0	16.4	9.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling; September, October, November and December: 12 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	_____	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-338
UNIT NA 1
DATE 09-04-79
COMPLETED BY W.R. Madison
TELEPHONE 703-894-5151

MONTH AUGUST 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>810</u>
2	<u>806</u>
3	<u>807</u>
4	<u>808</u>
5	<u>805</u>
6	<u>805</u>
7	<u>804</u>
8	<u>803</u>
9	<u>803</u>
10	<u>801</u>
11	<u>802</u>
12	<u>803</u>
13	<u>804</u>
14	<u>806</u>
15	<u>805</u>
16	<u>808</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>811</u>
18	<u>793</u>
19	<u>793</u>
20	<u>807</u>
21	<u>806</u>
22	<u>813</u>
23	<u>815</u>
24	<u>815</u>
25	<u>816</u>
26	<u>814</u>
27	<u>812</u>
28	<u>812</u>
29	<u>785</u>
30	<u>774</u>
31	<u>757</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.

(9/77)

356280

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1979DOCKET NO. 50-338UNIT NAME North AnnaDATE Sept. 4, 1979COMPLETED BY A. G. NeufferTELEPHONE 703-894-5151 x-304

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
556281	FOR THE PERIOD AUGUST 1 THROUGH AUGUST 31, 1979, THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS. THE UNIT IS PRESENTLY SCHEDULED TO BE SHUTDOWN ON SEPTEMBER 15, 1979 FOR A 12 WEEK MAINTENANCE AND REFUELING OUTAGE.								

POOR ORIGINAL

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 (LEI.) File (NUREG-
0161)

⁵ Exhibit I - Same Source