

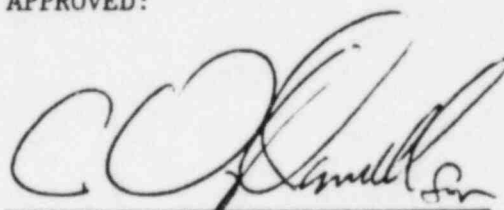
VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH DECEMBER YEAR 1981

APPROVED:



STATION MANAGER

8211020603 820114
PDR ADOCK 05000338
R PDR

OPERATING DATA REPORT

DOCKET NO. 50-338
 DATE 01-05-82
 COMPLETED BY L.L. Rogers
 TELEPHONE (703) 894-5151 X2510

OPERATING STATUS

Notes

1. Unit Name: North Anna 1
2. Reporting Period: December 1981
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:

NA

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	8,760	31,321
12. Number of Hours Reactor Was Critical	744	5,855.2	23,828.3
13. Reactor Reserve Shutdown Hours	0	21.8	234.9
14. Hours Generator On-Line	744	5,704.9	23,353
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,048,091	15,145,549	60,314,252
17. Gross Electrical Energy Generated (MWH)	664,807	4,910,610	19,245,522
18. Net Electrical Energy Generated (MWH)	630,518	4,637,913	18,122,916
19. Unit Service Factor	100	65.1	74.6
20. Unit Availability Factor	100	65.1	74.6
21. Unit Capacity Factor (Using MDC Net)	98.0	61.2	66.9
22. Unit Capacity Factor (Using DER Net)	93.4	58.4	63.8
23. Unit Forced Outage Rate	0	.9	4.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling Outage 05-21-82 thru 07-02-82

25. If Shut Down At End Of Report Period, Estimated Date of Startup: NA
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 01-05-82

COMPLETED BY L.L. Rogers

TELEPHONE 703-894-5151X2510

MONTH December

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>832</u>	17	<u>849</u>
2	<u>838</u>	18	<u>849</u>
3	<u>849</u>	19	<u>847</u>
4	<u>849</u>	20	<u>848</u>
5	<u>848</u>	21	<u>847</u>
6	<u>848</u>	22	<u>847</u>
7	<u>849</u>	23	<u>846</u>
8	<u>850</u>	24	<u>847</u>
9	<u>849</u>	25	<u>848</u>
10	<u>850</u>	26	<u>846</u>
11	<u>850</u>	27	<u>848</u>
12	<u>849</u>	28	<u>847</u>
13	<u>850</u>	29	<u>843</u>
14	<u>849</u>	30	<u>848</u>
15	<u>850</u>	31	<u>851</u>
16	<u>850</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-338
 UNIT NAME North Anna 1
 DATE 02-05-82
 COMPLETED BY L. L. ROGERS
 TELEPHONE (703) 894-5151 X2510

REPORT MONTH DECEMBER

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
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1	2	3	4
F: Forced	Reason:	Method:	Exhibit F - Instructions
S: Scheduled	A-Equipment Failure (Explain)	1-Manual	for Preparation of Data
	B-Maintenance or Test	2-Manual Scram.	Entry Sheets for Licensee
	C-Refueling	3-Automatic Scram	Event Report (LER) File
	D-Regulatory Restriction	4-Continuations	(NUREG-0161)
	E-Operator Training & License Examination	5-Load Reduction	
	F-Administrative	9-Other	
	G-Operational Error (Explain)		5
	H-Other (Explain)		Exhibit H - Same Source

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET DOCKET NO. 50-338

REPORT MONTH DECEMBER UNIT NAME NA-1

YEAR 1981 DATE 01-05-82

COMPLETED BY L. L. ROGERS