

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

October 11, 2000

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

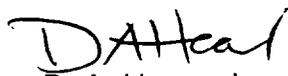
Serial No. 00-510
NAPS/JHL
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT NOS. 1 AND 2
MONTHLY OPERATING REPORT

Enclosed is the September 2000 Monthly Operating Report for North Anna Power Station Units 1 and 2.

Very truly yours,


D. A. Heacock
Site Vice President

Enclosure

Commitments made in this letter: None.

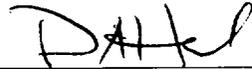
cc: U. S. Nuclear Regulatory Commission
Region II
Sam Nunn Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, Georgia 30303

Mr. M. J. Morgan
NRC Senior Resident Inspector
North Anna Power Station

JE24

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT
SEPTEMBER 2000

Approved:



Site Vice President

10-11-00

Date



OPERATING DATA REPORT

Docket No.: 50-338
 Date: 10/05/00
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
 2. Reporting Period:..... September 2000
 3. Licensed Thermal Power (MWt):..... 2,893
 4. Nameplate Rating (Gross MWe): 979.74
 5. Design Electrical Rating (Net MWe):..... 907
 6. Maximum Dependable Capacity (Gross MWe): ... 940
 7. Maximum Dependable Capacity (Net MWe): 893
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

	<u>This Month</u>	<u>Year-To-Date</u>	<u>Cumulative</u>
11. Hours in Reporting Period	720.0	6,575.0	195,275.0
12. Hours Reactor Was Critical	720.0	5,873.2	156,058.4
13. Reactor Reserve Shutdown Hours	0.0	105.3	7,239.5
14. Hours Generator On-Line	720.0	5,789.2	152,809.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,079,691.1	15,982,561.3	414,939,499.4
17. Gross Electrical Energy Generated (MWH)	703,526.0	5,413,899.0	173,700,042.0
18. Net Electrical Energy Generated (MWH)	670,261.0	5,148,570.0	129,634,270.0
19. Unit Service Factor	100.0%	88.0%	78.3%
20. Unit Availability Factor	100.0%	88.0%	78.3%
21. Unit Capacity Factor (Using MDC Net)	104.2%	87.7%	74.3%
22. Unit Capacity Factor (Using DER Net)	102.6%	86.3%	73.2%
23. Unit Forced Outage Rate	0.0%	2.0%	7.2%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A

25. If Shut Down at End of Report Period, Estimated Date of Start-up: N/A

26. Unit 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 Name: North Anna Unit 1
Date: 10/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: September, 2000

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	929	17	932
2	929	18	931
3	930	19	932
4	929	20	932
5	930	21	931
6	931	22	928
7	931	23	925
8	931	24	930
9	932	25	932
10	931	26	933
11	930	27	933
12	931	28	933
13	931	29	933
14	932	30	933
15	931		
16	932		

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.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 10/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: September, 2000

SUMMARY OF OPERATING EXPERIENCE

Page 1 of 1

Listed below in chronological sequence is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

<u>Date</u>	<u>Time</u>	<u>Data</u>
September 1, 2000	0000	Began the month in Mode 1, 100% power, 976 MWe.
September 22, 2000	2316	Ramped Unit 1 down to 91% power, 900 MWe for Turbine Valve Freedom Testing (TVFT).
September 23, 2000	0115	TVFT was completed satisfactorily. Commenced ramping Unit 1 to 100% power.
	0500	Unit 1 at 100% power, 975 MWe.
September 30, 2000	2400	Ended the month in Mode 1, 100% power, 977 MWe.

Docket No.: 50-338
 Unit Name: North Anna Unit 1
 Date: 10/05/00
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

**UNIT SHUTDOWN AND POWER REDUCTION
 (EQUAL TO OR GREATER THAN 20%)**

REPORT MONTH: September, 2000

Date	(1) Type	Duration Hours	(2) Reason	(3) Method of Shutting Down Reactor	LER No.	(4) System Code	(5) Component Code	Cause & Corrective Action to Prevent Recurrence

None during the reporting period.

(1)
 F: Forced
 S: Scheduled

(2)
 REASON:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & Licensing Examination
 F - Administrative
 G - Operational Error (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 1 - Same Source

OPERATING DATA REPORT

Docket No.: 50-339
 Date: 10/05/00
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
2. Reporting Period:..... September, 2000
3. Licensed Thermal Power (MWt):..... 2,893
4. Nameplate Rating (Gross MWe):..... 979
5. Design Electrical Rating (Net MWe):..... 907
6. Maximum Dependable Capacity (Gross MWe): ... 944
7. Maximum Dependable Capacity (Net MWe): 897

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	Year-To-Date	Cumulative
11.	Hours in Reporting Period	720.0	6,575.0	173,543.0
12.	Hours Reactor Was Critical	720.0	6,542.1	148,410.3
13.	Reactor Reserve Shutdown Hours	0.0	31.0	7,338.6
14.	Hours Generator On-Line	720.0	6,520.4	147,128.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,080,391.0	18,797,884.0	405,319,137.6
17.	Gross Electrical Energy Generated (MWH)	695,051.0	6,290,408.0	132,800,586.0
18.	Net Electrical Energy Generated (MWH)	661,581.0	5,991,189.0	126,790,407.0
19.	Unit Service Factor	100.0%	99.2%	84.8%
20.	Unit Availability Factor	100.0%	99.2%	84.8%
21.	Unit Capacity Factor (Using MDC Net)	102.4%	101.6%	81.3%
22.	Unit Capacity Factor (Using DER Net)	101.3%	100.5%	80.6%
23.	Unit Forced Outage Rate	0.0%	0.8%	4.4%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A

25. If Shut Down at End of Report Period, Estimated Date of Start-up: N/A

26. Unit In Test Status (Prior to Commercial Operation):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 10/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: September, 2000

<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>	<u>Day</u>	<u>Average Daily Power Level (MWe - Net)</u>
1	918	17	921
2	918	18	920
3	919	19	920
4	918	20	920
5	919	21	920
6	920	22	921
7	920	23	920
8	919	24	919
9	919	25	920
10	918	26	921
11	920	27	921
12	919	28	921
13	919	29	921
14	919	30	921
15	919		
16	900		

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.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 10/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: September, 2000

SUMMARY OF OPERATING EXPERIENCE

Page 1 of 1

Listed below in chronological sequence is a summary of operating experiences for the month which required load reductions or resulted in significant non-load related incidents.

<u>Date</u>	<u>Time</u>	<u>Data</u>
September 1, 2000	0000	Began the month in Mode 1, 100% power, 960 MWe.
September 16, 2000	0022	Ramped Unit 2 down to 89% power, 871 MWe for Turbine Valve Freedom Testing (TVFT).
	0454	TVFT was completed satisfactorily. Commenced ramping Unit 2 to 100% power.
	0640	Unit 2 at 100% power, 967 MWe.
September 30, 2000	2400	Ended the month in Mode 1, 100% power, 970 MWe.

Docket No.: 50-339
 Unit Name: North Anna Unit 2
 Date: 10/05/00
 Contact: D. A. Heacock
 Telephone: (540) 894-2101

UNIT SHUTDOWN AND POWER REDUCTION
 (EQUAL TO OR GREATER THAN 20%)

REPORT MONTH: September, 2000

Date	(1) Type	Duration Hours	(2) Reason	(3) Method of Shutting Down Rx	LER No.	(4) System Code	(5) Component Code	Cause & Corrective Action to Prevent Recurrence

None during the reporting period.

(1)
 F: Forced
 S: Scheduled

(2)
 REASON:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & Licensing Examination
 F - Administrative
 G - Operational Error (Explain)

(3)
 METHOD:
 1 - Manual
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