VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 13, 2000

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

Serial No. 00-471
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 August 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

IE24

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

Approved: _____ Site Vice President 9-12-00 Date

OPERATING DATA REPORT

Docket No.: 50-338
Date: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

		This Month	Year-To-Date	Cumulative
11.	Hours In Reporting Period	744.0	5,855.0	194,555.0
12.	Hours Reactor Was Critical	744.0	5,153.2	155,338.4
13.	Reactor Reserve Shutdown Hours	0.0	105.3	7,239.5
14.	Hours Generator On-Line	744.0	5,069.2	152,089.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,149,099.9	13,902,870.2	412,859,808.3
17.	Gross Electrical Energy Generated (MWH)	724,835.0	4,710,373.0	172,996,516.0
18.	Net Electrical Energy Generated (MWH)	690,225.0	4,478,309.0	128,964,009.0
19.	Unit Service Factor	100.0%	86.6%	78.2%
20.	Unit Availability Factor	100.0%	86.6%	78.2%
21.	Unit Capacity Factor (Using MDC Net)	103.9%	85.7%	74.2%
22.	Unit Capacity Factor (Using DER Net)	102.3%	84.3%	73.1%
23.	Unit Forced Outage Rate	0.0%	2.3%	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: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: August, 2000

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	928	17	928
2	928	18	928
3	927	19	928
4	928	20	929
5	928	21	929
6	927	22	929
7	928	23	929
8	926	24	928
9	927	25	929
10	927	26	929
11	927	27	929
12	928	28	929
13	928	29	929
14	928	30	929
15	928	31	929
16	919		

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: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: August, 2000

SUMMARY OF OPERATING EXPERIENCE

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.

Date	Time	Data
August 1, 2000	0000	Began the month in Mode 1, 100% power, 976 MWe.
August 16, 2000	1856	Commenced rampdown due to increase in Bearing Cooling temperature.
	1913	Restored 1A Bearing Cooling fan to service by a jumper. Rampdown stopped at 89% power, 874 MWe.
	1920	All Bearing Cooling fans were restored to "Fast" mode.
	2045	Commenced ramp up.
	2200	Unit at 100% power, 970 MWe.
August 31, 2000	2400	Ended the month in Mode 1, 100% power, 976 MWe.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: August, 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.

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(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: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
2. Reporting Period:..... August, 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	744.0	5,855.0	172,823.0
12.	Hours Reactor Was Critical	744.0	5,822.1	147,690.3
13.	Reactor Reserve Shutdown Hours	0.0	31.0	7,338.6
14.	Hours Generator On-Line	744.0	5,800.4	146,408.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,150,942.5	16,717,493.0	403,238,746.6
17.	Gross Electrical Energy Generated (MWH)	716,787.0	5,595,357.0	132,105,535.0
18.	Net Electrical Energy Generated (MWH)	682,027.0	5,329,608.0	126,128,826.0
19.	Unit Service Factor	100.0%	99.1%	84.7%
20.	Unit Availability Factor	100.0%	99.1%	84.7%
21.	Unit Capacity Factor (Using MDC Net)	102.2%	101.5%	81.2%
22.	Unit Capacity Factor (Using DER Net)	101.1%	100.4%	80.5%
23.	Unit Forced Outage Rate	0.0%	0.9%	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: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: August, 2000

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	916	17	917
2	916	18	914
3	917	19	917
4	917	20	917
5	918	21	918
6	917	22	918
7	916	23	917
8	915	24	916
9	918	25	917
10	915	26	918
11	915	27	918
12	916	28	918
13	917	29	918
14	916	30	918
15	916	31	918
16	915		

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: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: August, 2000

SUMMARY OF OPERATING EXPERIENCE

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.

Date	Time	Data
August 1, 2000	0000	Began the month in Mode 1, 100% power, 964 MWe.
August 16, 2000	1802	Ramped down to 99.5% power, 952 MWe, to allow dilution to raise average reactor coolant system temperature to 580.8°F.
	2235	Commenced ramp up to 100% power.
August 17, 2000	0255	Unit at 100% power, 963 MWe.
August 18, 2000	1404	Ramped down to 99% power, 951 MWe, for maintenance on the 1B feedwater heater.
	1810	Maintenance was completed on the 1B feedwater heater and a ramp up to 100% power commenced.
	1834	Unit at 100% power, 959 MWe.
August 31, 2000	2400	Ended the month in Mode 1, 100% power, 960 MWe.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 09/05/00
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: August, 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
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(3)
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(4)
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