VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

July 11, 2001

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

Serial No. 01-397
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 June 2001 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
JUNE 2001

Approved: DAV 7-11-01

Site Vice President — Date

RR

OPERATING DATA REPORT

Docket No.: 50-338
Date: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name: ..... North Anna Unit 1
2. Reporting Period: ..... June 2001
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): 971
7. Maximum Dependable Capacity (Net MWe): 925

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	4,343.0	201,827.0
12.	Hours Reactor Was Critical	720.0	4,343.0	162,610.4
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,239.5
14.	Hours Generator On-Line	720.0	4,343.0	159,361.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,080,110.5	12,540,949.7	433,862,792.3
17.	Gross Electrical Energy Generated (MWH)	703,287.0	4,247,813.0	180,112,529.0
18.	Net Electrical Energy Generated (MWH)	668,735.0	4,048,124.0	135,746,901.0
19.	Unit Service Factor	100.0%	100.0%	79.0%
20.	Unit Availability Factor	100.0%	100.0%	79.0%
21.	Unit Capacity Factor (Using MDC Net)	100.4%	100.8%	75.2%
22.	Unit Capacity Factor (Using DER Net)	102.4%	102.8%	74.2%
23.	Unit Forced Outage Rate	0.0%	0.0%	7.0%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): September 2001
Type and duration of scheduled shutdowns are no longer provided.
(Reference: Letter Serial No. 00-070, dated February 11, 2000)

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: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: June, 2001

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	932	17	928
2	931	18	926
3	932	19	928
4	932	20	929
5	931	21	927
6	930	22	927
7	931	23	927
8	931	24	927
9	932	25	927
10	931	26	927
11	930	27	927
12	930	28	927
13	929	29	926
14	929	30	925
15	927		
16	928		

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: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: June, 2001

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
June 1, 2001	0000	Began the month in Mode 1, 100% power, 983 MWe.
June 28, 2001	0000	Commenced an end of cycle temperature coastdown.
June 30, 2001	2400	Ended the month in Mode 1, 100% power, 974 MWe.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: June, 2001

Report No.	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
H - Other (Explain)

(3)
METHOD:
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continuations
5 - Load Reduction
9 - Other

(4)
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

(5)
Exhibit H - Same Source

OPERATING DATA REPORT

Docket No.: 50-339
Date: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name: ..... North Anna Unit 2
2. Reporting Period: ..... June, 2001
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): 963
7. Maximum Dependable Capacity (Net MWe): 917

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	4,343.0	180,095.0
12.	Hours Reactor Was Critical	720.0	3,605.7	154,225.0
13.	Reactor Reserve Shutdown Hours	0.0	70.2	7,408.8
14.	Hours Generator On-Line	720.0	3,572.3	152,910.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,082,091.8	9,603,674.4	421,272,637.6
17.	Gross Electrical Energy Generated (MWH)	693,666.0	3,213,176.0	138,141,444.0
18.	Net Electrical Energy Generated (MWH)	659,551.0	3,052,808.0	131,870,879.0
19.	Unit Service Factor	100.0%	82.3%	84.9%
20.	Unit Availability Factor	100.0%	82.3%	84.9%
21.	Unit Capacity Factor (Using MDC Net)	99.9%	76.7%	81.4%
22.	Unit Capacity Factor (Using DER Net)	101.0%	77.5%	80.7%
23.	Unit Forced Outage Rate	0.0%	0.9%	4.2%

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: _____

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: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: June, 2001

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	906	17	917
2	917	18	916
3	920	19	916
4	920	20	915
5	919	21	916
6	918	22	916
7	918	23	916
8	918	24	916
9	919	25	915
10	918	26	916
11	917	27	914
12	917	28	912
13	916	29	912
14	916	30	911
15	917		
16	917		

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: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: June, 2001

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
June 1, 2001	0000	Began the month in Mode 1, 100% power, 967 MWe.
June 30, 2001	2400	Ended the month in Mode 1, 100% power, 960 MWe.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 07/05/01
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: June, 2001

Report No	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:
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