VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 11, 2005

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

Serial No. 05-216
NAPS/JRP
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 March, 2005, Monthly Operating Report for North Anna Power Station Units 1 and 2.

Sincerely,

J. M. Davis
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. J. T. Reece
NRC Senior Resident Inspector
North Anna Power Station

IE24

VIRGINIA ELECTRIC AND POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MARCH 2005

Approved: _____ Site Vice President

4/8/05 Date

OPERATING DATA REPORT

Docket No.: 50-338
Date: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

1. Unit Name: ..... North Anna Unit 1
2. Reporting Period: ..... March, 2005
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	744.0	2,160.0	234,708.0
12.	Hours Reactor Was Critical	744.0	2,160.0	192,527.9
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,582.1
14.	Hours Generator On-Line	744.0	2,160.0	189,174.6
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,151,006.1	6,244,264.4	518,318,530.9
17.	Gross Electrical Energy Generated (MWH)	730,708.0	2,121,497.0	208,715,362.0
18.	Net Electrical Energy Generated (MWH)	695,246.0	2,017,699.0	162,939,868.0
19.	Unit Service Factor	100.0%	100.0%	80.6%
20.	Unit Availability Factor	100.0%	100.0%	80.6%
21.	Unit Capacity Factor (Using MDC Net)	101.0%	101.0%	77.3%
22.	Unit Capacity Factor (Using DER Net)	103.0%	103.0%	76.5%
23.	Unit Forced Outage Rate	0.0%	0.0%	6.1%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A
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
Estimated start-up dates are no longer provided.
(Reference: Letter Serial No. 00-070, dated February 11, 2000)

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: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

MONTH: March, 2005

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	935	17	934
2	936	18	934
3	936	19	934
4	936	20	934
5	936	21	934
6	936	22	934
7	935	23	933
8	935	24	934
9	936	25	934
10	936	26	934
11	935	27	934
12	934	28	934
13	934	29	934
14	934	30	934
15	934	31	934
16	934		

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: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1

MONTH: March, 2005

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
March 1, 2005	0000	Began the month in Mode 1, 100% Power, 985 MWe.
March 31, 2005	2400	Ended the month in Mode 1, 100% Power, 982 MWe.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

UNIT SHUTDOWN AND POWER REDUCTION

(EQUAL TO OR GREATER THAN 20%)

REPORT MONTH: March, 2005

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

No entries for this 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: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

1. Unit Name: ..... North Anna Unit 2
2. Reporting Period: ..... March, 2005
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	744.0	2,160.0	212,976.0
12.	Hours Reactor Was Critical	744.0	2,160.0	181,738.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,547.0
14.	Hours Generator On-Line	744.0	2,160.0	180,305.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,151,038.3	6,244,873.7	500,233,073.5
17.	Gross Electrical Energy Generated (MWH)	717,794.0	2,083,289.0	164,494,006.0
18.	Net Electrical Energy Generated (MWH)	683,971.0	1,985,461.0	156,939,925.0
19.	Unit Service Factor	100.0%	100.0%	84.7%
20.	Unit Availability Factor	100.0%	100.0%	84.7%
21.	Unit Capacity Factor (Using MDC Net)	100.3%	100.2%	81.7%
22.	Unit Capacity Factor (Using DER Net)	101.4%	101.3%	81.2%
23.	Unit Forced Outage Rate	0.0%	0.0%	3.7%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A
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
Estimated start-up dates are no longer provided.
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26. Unit In Test Status (Prior to Commercial Operation):

	FORECAST	ACHIEVED
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INITIAL ELECTRICITY		
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AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

MONTH: March, 2005

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	919	17	920
2	918	18	920
3	918	19	919
4	918	20	919
5	918	21	920
6	918	22	920
7	918	23	919
8	919	24	920
9	917	25	920
10	919	26	920
11	919	27	920
12	920	28	920
13	920	29	920
14	920	30	920
15	920	31	920
16	920		

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: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: March, 2005

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
March 1, 2005	0000	Began the month in Mode 1, 100% Power, 964 MWe.
March 31, 2005	2400	Ended the Month in Mode 1, 100% Power, 965 MWe.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 04/11/05
Contact: J. M. Davis
Telephone: (540) 894-2101

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

REPORT MONTH: March, 2005

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

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