VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 10, 2003

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

Serial No. 03-264
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, 2003, 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
MARCH 2003

Approved: _____ Site Vice President

4/10/03
Date

OPERATING DATA REPORT

Docket No.: 50-338
Date: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... March, 2003
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	217,164.0
12.	Hours Reactor Was Critical	0.0	1,273.7	176,329.5
13.	Reactor Reserve Shutdown Hours	0.0	13.6	7,288.8
14.	Hours Generator On-Line	0.0	1,272.2	173,061.5
15	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	0.0	3,265,207.4	471,976,267.7
17.	Gross Electrical Energy Generated (MWH)	0.0	1,106,725.0	193,040,340.0
18.	Net Electrical Energy Generated (MWH)	0.0	1,046,581.0	148,030,483.0
19.	Unit Service Factor	0.0%	58.9%	79.7%
20.	Unit Availability Factor	0.0%	58.9%	79.7%
21.	Unit Capacity Factor (Using MDC Net)	0.0%	52.4%	76 0%
22.	Unit Capacity Factor (Using DER Net)	0.0%	53.4%	75.2%
23.	Unit Forced Outage Rate	0.0%	0.0%	6.5%

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: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

MONTH: March, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	000	17	000
2	000	18	000
3	000	19	000
4	000	20	000
5	000	21	000
6	000	22	000
7	000	23	000
8	000	24	000
9	000	25	000
10	000	26	000
11	000	27	000
12	000	28	000
13	000	29	000
14	000	30	000
15	000	31	000
16	000		

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: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: March, 2003

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, 2003	0000	Began the month in Mode 6
March 1, 2003	0740	Commence core off-load
March 2, 2003	2343	Core off-load complete
March 31, 2003	2400	Ended the month defueled

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

UNIT SHUTDOWN AND POWER REDUCTION

(EQUAL TO OR GREATER THAN 20%)

REPORT MONTH: March, 2003

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
N1-2003-01	03/03/31	S	744	B/C	1				Continuation of Refueling / Reactor Head Replacement

(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: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

1. Unit Name: ..... North Anna Unit 2
2. Reporting Period: ..... March, 2003
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	195,432.0
12.	Hours Reactor Was Critical	733.0	1,434.3	164,885.0
13.	Reactor Reserve Shutdown Hours	11.0	42.8	7,545.2
14.	Hours Generator On-Line	733.0	1,360.9	163,477.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,119,816.7	3,853,613.9	451,708,763.2
17.	Gross Electrical Energy Generated (MWH)	705,056.0	1,279,645.0	148,290,321.0
18.	Net Electrical Energy Generated (MWH)	670,488.0	1,215,949.0	141,519,518.0
19.	Unit Service Factor	98.5%	63.0%	83.6%
20.	Unit Availability Factor	98.5%	63.0%	83.6%
21.	Unit Capacity Factor (Using MDC Net)	98.3%	61.4%	80.4%
22.	Unit Capacity Factor (Using DER Net)	99.4%	62.1%	79.8%
23.	Unit Forced Outage Rate	1.5%	0.8%	4.0%

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.: 50-339
Unit Name: North Anna Unit 2
Date: 04/10/03
Contact. D. A. Heacock
Telephone: (540) 894-2101

MONTH: March, 2003

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	916	17	915
2	904	18	915
3	915	19	916
4	915	20	916
5	916	21	916
6	915	22	916
7	915	23	917
8	915	24	916
9	912	25	914
10	914	26	914
11	915	27	914
12	914	28	915
13	914	29	916
14	914	30	916
15	916	31	496
16	916		

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: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: March, 2003

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, 2003	0000	Began the month in Mode 1, 100% Power, 966 Mwe
March 31, 2003	1259	Reactor Trip on Steam Flow / Feed Flow mismatch due to failure of 2-FW-FCY-2498 (fuse) driver card for 2-FW-FCV-2498.
March 31, 2003	2400	Ended the Month in Mode 3.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 04/10/03
Contact: D. A. Heacock
Telephone: (540) 894-2101

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

REPORT MONTH: March, 2003

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
N2-2003-01	03/03/31	F	11	A	3				Failure of 2-FW-FCY-2498 (fuse) driver card for 2-FW-FCV-2498.

(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
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