VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

April 12, 2000

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

Serial No. 00-206
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 March 2000 Monthly Operating Report for North Anna Power Station Units 1 and 2.

Very truly yours,

W. R. Matthews
Site Vice President

Enclosure

Commitments made in this letter: None.

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

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

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

Approved: _____ Site Vice President 4/12/00 Date

Le

OPERATING DATA REPORT

Docket No.: 50-338
Date: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... March 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	2,184.0	190,884.0
12.	Hours Reactor Was Critical	265.5	1,705.5	151,890.7
13.	Reactor Reserve Shutdown Hours	14.7	14.7	7,148.9
14.	Hours Generator On-Line	264.6	1,704.6	148,724.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	533,825.0	4,296,099.3	403,253,037.4
17.	Gross Electrical Energy Generated (MWH)	184,505.0	1,467,267.0	169,753,410.0
18.	Net Electrical Energy Generated (MWH)	173,359.0	1,391,904.0	125,877,6045.0
19.	Unit Service Factor	35.6%	78.0%	77.9%
20.	Unit Availability Factor	35.6%	78.0%	77.9%
21.	Unit Capacity Factor (Using MDC Net)	26.1%	71.4%	73.8%
22.	Unit Capacity Factor (Using DER Net)	25.7%	70.3%	72.7%
23.	Unit Forced Outage Rate	0.0%	0.0%	7.4%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): March 2000
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: Estimated start-up dates are not 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: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

MONTH: March, 2000

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	684	17	000
2	682	18	000
3	680	19	000
4	664	20	000
5	664	21	000
6	661	22	000
7	657	23	000
8	642	24	000
9	641	25	000
10	640	26	000
11	609	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: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: March, 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
March 1, 2000	0000	Began the month with an end of life power coastdown in progress, Mode 1, 72.5% power, 727 MWe.
March 11, 2000	2130	Commenced ramping unit off line for refueling outage.
March 12, 2000	0037	Opened generator output breaker. Unit is off line.
	0130	Entered Mode 3.
	1147	Entered Mode 4.
	1610	Entered Mode 5.
March 15, 2000	2010	Entered Mode 6.
March 18, 2000	2100	Commenced core off load.
March 20, 2000	2110	Core off load complete. Entered defueled Mode.
March 27, 2000	0223	Commenced core on load. Entered Mode 6.
March 28, 2000	1122	Core on load complete.
March 31, 2000	0934	Entered Mode 5.
	2400	Ended the month in Mode 5.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

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

REPORT MONTH: March, 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
3/12/00	S	479.4	C	1	NA	NA	NA	Scheduled refueling outage

(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: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 2
2. Reporting Period:..... March, 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	2,184.0	169,152.0
12.	Hours Reactor Was Critical	744.0	2,184.0	144,052.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,307.6
14.	Hours Generator On-Line	744.0	2,184.0	142,792.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2,150,193.7	6,276,184.6	392,797,438.2
17.	Gross Electrical Energy Generated (MWH)	721,059.0	2,107,588.0	128,617,766.0
18.	Net Electrical Energy Generated (MWH)	687,155.0	2,008,627.0	122,807,845.0
19.	Unit Service Factor	100.0%	100.0%	84.4%
20.	Unit Availability Factor	100.0%	100.0%	84.4%
21.	Unit Capacity Factor (Using MDC Net)	103.0%	102.5%	80.8%
22.	Unit Capacity Factor (Using DER Net)	101.8%	101.4%	80.0%
23.	Unit Forced Outage Rate	0.0%	0.0%	4.5%

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

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: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

MONTH: March, 2000

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	924	17	924
2	924	18	923
3	925	19	922
4	925	20	923
5	925	21	922
6	924	22	922
7	924	23	923
8	924	24	923
9	923	25	923
10	924	26	922
11	924	27	923
12	924	28	923
13	923	29	924
14	923	30	926
15	923	31	925
16	924		

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: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: March, 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
March 1, 2000	0000	Began the month in Mode 1, 100% power, 969 MWe.
March 31, 2000	2400	Ended the month in Mode 1, 100% power, 970 MWe.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 04/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

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

REPORT MONTH: March, 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.

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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
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3 - Automatic Scram
4 - Other (Explain)

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

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