VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

March 13, 2000

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

Serial No. 00-119
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 February 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

FEBRUARY 2000

Approved: W R Matthews — Site Vice President — 3/13/00 — Date

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OPERATING DATA REPORT

Docket No.: 50-338
Date: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

1. Unit Name:..... North Anna Unit 1
2. Reporting Period:..... February 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	696.0	1,440.0	190,140.0
12.	Hours Reactor Was Critical	696.0	1,440.0	151,625.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,134.2
14.	Hours Generator On-Line	696.0	1,440.0	148,459.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1,650,201.9	3,762,274.3	402,719,212.4
17.	Gross Electrical Energy Generated (MWH)	565,879.0	1,282,762.0	169,568,905.0
18.	Net Electrical Energy Generated (MWH)	535,443.0	1,218,545.0	125,704,245.0
19.	Unit Service Factor	100.0%	100.0%	78.1%
20.	Unit Availability Factor	100.0%	100.0%	78.1%
21.	Unit Capacity Factor (Using MDC Net)	86.1%	94.8%	74.0%
22.	Unit Capacity Factor (Using DER Net)	84.8%	93.3%	72.9%
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: _____

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: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

MONTH: February, 2000

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	850	17	752
2	847	18	749
3	844	19	747
4	835	20	740
5	823	21	730
6	822	22	730
7	819	23	727
8	806	24	717
9	804	25	714
10	802	26	710
11	784	27	703
12	782	28	702
13	779	29	686
14	776	30	
15	774	31	
16	755		

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: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: February, 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
February 1, 2000	0000	Began the month with an end of life power coastdown in progress, Mode 1, 92.2% power, 907 MWe.
February 29, 2000	2400	Ended the month with an end of life power coastdown in progress, 72.5% power, 727 MWe.

Docket No.: 50-338
Unit Name: North Anna Unit 1
Date: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

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

REPORT MONTH: February, 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: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

1.	Unit Name:	North Anna Unit 2
2.	Reporting Period:	February, 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	696.0	1,440.0	168,408.0
12.	Hours Reactor Was Critical	696.0	1,440.0	143,308.2
13.	Reactor Reserve Shutdown Hours	0.0	0.0	7,307.6
14.	Hours Generator On-Line	696.0	1,440.0	142,048.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	1,983,987.6	4,125,990.9	390,647,244.5
17.	Gross Electrical Energy Generated (MWH)	665,238.0	1,386,529.0	127,896,707.0
18.	Net Electrical Energy Generated (MWH)	633,760.0	1,321,472.0	122,120,690.0
19.	Unit Service Factor	100.0%	100.0%	84.3%
20.	Unit Availability Factor	100.0%	100.0%	84.3%
21.	Unit Capacity Factor (Using MDC Net)	101.5%	102.3%	80.7%
22.	Unit Capacity Factor (Using DER Net)	100.4%	101.2%	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: 3/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

MONTH: February, 2000

Day	Average Daily Power Level (MWe - Net)	Day	Average Daily Power Level (MWe - Net)
1	924	17	922
2	923	18	923
3	923	19	923
4	922	20	923
5	923	21	923
6	923	22	923
7	923	23	923
8	923	24	924
9	922	25	924
10	917	26	924
11	824	27	925
12	821	28	925
13	821	29	925
14	868	30	
15	923	31	
16	922		

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: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: February, 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
February 1, 2000	0000	Began the month in Mode 1, 100% power, 970 MWe.
February 10, 2000	2333	Ramped Unit to 89% power, 868 MWe for 2-CN-P-1C ("C" Condensate Pump) motor replacement.
February 13, 2000	2242	Commenced 2-PT-34.3 (Turbine Valve Freedom Test).
February 14, 2000	1038	Completed Turbine Valve Freedom Testing.
	1455	Ramped Unit to 100% power, 968 MWe.
February 29, 2000	2400	Ended the month in Mode 1, 100% power, 969 MWe.

Docket No.: 50-339
Unit Name: North Anna Unit 2
Date: 03/05/00
Contact: W. R. Matthews
Telephone: (540) 894-2101

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

REPORT MONTH: February, 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
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