

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 7, 1996

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

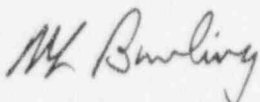
Serial No. 96-066
NL&OS/JHL/CMC
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNITS 1 AND 2
MONTHLY OPERATING REPORT

Enclosed is the January 1996 Monthly Operating Report for North Anna Power Station Units 1 and 2.

Very truly yours,



M. L. Bowling, Manager
Nuclear-Licensing and Operations Support

Enclosure

cc: U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW
Suite 2900
Atlanta, GA 30323

Mr. R. D. McWhorter
NRC Senior Resident Inspector
North Anna Power Station

9602130083 960131
PDR ADOCK 05000338
R PDR

JE24/1

VIRGINIA POWER COMPANY
NORTH ANNA POWER STATION
MONTHLY OPERATING REPORT

MONTH: January YEAR: 1996

Approved:

JRH


Station Manager

OPERATING DATA REPORT

DOCKET NO.: 50-338
 DATE: February 5, 1996
 CONTACT: J. A. Stall
 PHONE: (540) 894-2101

OPERATING STATUS

1. Unit Name:.....North Anna 1
2. Reporting Period:.....January 1996
3. Licensed Thermal Power (MWt):..... 2,893
4. Nameplate Rating (Gross MWe):..... 994
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 No. 3 thru 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	Y-t-D	Cumulative
11. Hours in Reporting Period.....	744.0	744.0	154,380.0
12. Number of Hours Reactor was Critical.....	744.0	744.0	117,930.4
13. Reactor Reserve Shutdown Hours.....	0.0	0.0	6,951.4
14. Hours Generator On-Line.....	744.0	744.0	114,931.5
15. Unit Reserve Shutdown Hours.....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH).....	1,724,664.7	1,724,664.7	307,038,401.8
17. Gross Electrical Energy Generated (MWH).....	566,387.0	566,387.0	100,884,722.0
18. Net Electrical Energy Generated (MWH).....	534,283.0	534,283.0	95,575,437.0
19. Unit Service Factor.....	100.0%	100.0%	74.4%
20. Unit Availability Factor.....	100.0%	100.0%	74.4%
21. Unit Capacity Factor (using MDC Net).....	80.4%	80.4%	69.3%
22. Unit Capacity Factor (using LER Net).....	79.2%	79.2%	68.3%
23. Forced Outage Rate.....	0.0%	0.0%	9.3%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage Scheduled for February 10, 1996, Duration 29 Days

25. If Shutdown at end of Report Period, estimated time of Startup: N/A

26. Units 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: NA-1
 Date: February 5, 1996
 Contact: J. A. Stall
 Phone: (540) 894-2101

MONTH: January 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>802</u>	17	<u>709</u>
2	<u>798</u>	18	<u>707</u>
3	<u>790</u>	19	<u>705</u>
4	<u>770</u>	20	<u>702</u>
5	<u>770</u>	21	<u>699</u>
6	<u>767</u>	22	<u>680</u>
7	<u>763</u>	23	<u>680</u>
8	<u>760</u>	24	<u>678</u>
9	<u>758</u>	25	<u>676</u>
10	<u>740</u>	26	<u>673</u>
11	<u>739</u>	27	<u>671</u>
12	<u>736</u>	28	<u>649</u>
13	<u>734</u>	29	<u>649</u>
14	<u>732</u>	30	<u>647</u>
15	<u>726</u>	31	<u>645</u>
16	<u>708</u>		

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.

NORTH ANNA POWER STATION

UNIT NO.: 1
MONTH: January

SUMMARY OF OPERATING EXPERIENCE

Page 1 of 1

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.

<u>Date</u>	<u>Time</u>	<u>Data</u>
January 01, 1996	0000	Began month in end-of-cycle coastdown with unit at 89% power, 806 MWe.
January 31, 1996	2400	Ended month with unit at 71% power, 686 MWe. Several small unit ramp-downs (<5% power each) have occurred during the month to match Tave and Tref during end-of-cycle coastdown and are not individually recorded in this report.

UNIT SHUTDOWN AND POWER REDUCTIONS
Explanation Sheet

Docket No.: 50-338

Report Month January Unit Name: NA-1

Year: 1996 Date: February 5, 1996

Contact: J. A. Stall

* No entry this month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-338
 UNIT NAME: NA-1
 DATE: February 5, 1996
 CONTACT: J. A. Stall
 PHONE: (540) 894-2101

REPORT MONTH: January 1996

No.	Date	1 Type	Duration (hrs)	2 Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
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* No Entry This Month

1: Type	2: Reason	3: Method	4:
F=Forced	A=Equipment Failure (explain)	1=Manual	Exhibit F - Instructions for preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)
S=Scheduled	B=Maintenance or Test	2=Manual Scram	
	C=Refueling	3=Automatic Scram	
	D=Regulatory Restriction	4=Continuations	
	E=Operator Training & License Examination	5=Load Reduction	
	F=Administrative	9=Other	5:
	G=Operational Error		Exhibit H - Same Source
	H=Other (explain)		

OPERATING DATA REPORT

DOCKET NO.: 50-339
 DATE: February 5, 1996
 CONTACT: J. A. Stall
 PHONE: (540) 894-2101

OPERATING STATUS

- 1. Unit Name:.....North Anna 2
- 2. Reporting Period:.....January 1996
- 3. Licensed Thermal Power (Mwt):..... 2893
- 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 No. 3 thru 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	Y-t-D	Cumulative
11. Hours in Reporting Period.....	744.0	744.0	132,648.0
12. Number of Hours Reactor was Critical.....	744.0	744.0	110,801.6
13. Reactor Reserve Shutdown Hours.....	0.0	0.0	6,535.0
14. Hours Generator On-Line.....	744.0	744.0	109,667.1
15. Unit Reserve Shutdown Hours.....	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2,151,442.9	2,151,442.9	298,128,681.6
17. Gross Electrical Energy Generated (MWH).....	709,928.0	709,928.0	97,541,346.0
18. Net Electrical Energy Generated (MWH).....	676,443.0	676,443.0	93,248,082.0
19. Unit Service Factor.....	100.0%	100.0%	82.7%
20. Unit Availability Factor.....	100.0%	100.0%	82.7%
21. Unit Capacity Factor (using MDC Net).....	101.4%	101.4%	78.1%
22. Unit Capacity Factor (using DER Net).....	100.2%	100.2%	77.5%
23. Forced Outage Rate.....	0.0%	0.0%	4.8%

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

25. If Shutdown at end of Report Period, estimated time of Startup: N/A

26. Units 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: NA-2
 Date: February 5, 1996
 Contact: J. A. Stall
 Phone: (540) 894-2101

MONTH: January 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>908</u>	17	<u>911</u>
2	<u>911</u>	18	<u>911</u>
3	<u>911</u>	19	<u>889</u>
4	<u>911</u>	20	<u>892</u>
5	<u>911</u>	21	<u>910</u>
6	<u>911</u>	22	<u>911</u>
7	<u>910</u>	23	<u>911</u>
8	<u>910</u>	24	<u>912</u>
9	<u>910</u>	25	<u>911</u>
10	<u>910</u>	26	<u>911</u>
11	<u>910</u>	27	<u>911</u>
12	<u>910</u>	28	<u>912</u>
13	<u>910</u>	29	<u>911</u>
14	<u>910</u>	30	<u>910</u>
15	<u>910</u>	31	<u>911</u>
16	<u>911</u>		

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.

NORTH ANNA POWER STATION

UNIT NO.: 2
MONTH: January

SUMMARY OF OPERATING EXPERIENCE

Page 1 of 1

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.

<u>Date</u>	<u>Time</u>	<u>Data</u>
January 01, 1996	0000	Began month with unit stable at 100% power, 910 MWe.
January 19, 1996	0857	Commenced ramp down for Turbine Valve Freedom Test (TVFT) from 100% power, 957 MWe.
	0938	Unit stable at 89% power, 855 MWe.
	1025	TVFT completed satisfactorily.
	1147	Commenced ramp to 100% power after TVFT.
	1301	Unit stable at 100% power, 940 MWe.
January 31, 1996	2400	Ended month with unit stable at 100% power, 912 MWe.

UNIT SHUTDOWN AND POWER REDUCTIONS
Explanation Sheet

Docket No.: 50-339

Report Month January Unit Name: NA-2

Year: 1996 Date: February 5, 1996

Contact: J. A. Stall

* No entry this month.

REPORT MONTH: January 1996

DOCKET NO.: 50-339
UNIT NAME: NA-2
DATE: February 5, 1996
CONTACT: J. A. Stall
PHONE: (540) 894-2101

No.	Date	1 Type	Duration (hrs)	2 Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
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* No Entries This Month

1: Type
F=Forced
S=Scheduled

2: Reason
A=Equipment Failure (explain)
B=Maintenance or Test
C=Refueling
D=Regulatory Restriction
E=Operator Training & License 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 F - Instructions
for preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

5:
Exhibit H - Same Source