Virginia Electric and Power Company Richmond, Virginia 23261

September 11, 1995

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, D.C. 20555 Serial No. 95-468 NL&P/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 August 1995 Monthly Operating Report for North Anna Power Station Units 1 and 2.

Very truly yours,

M. L. Bowling, Manager

Mr Burling

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

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VIRGINIA POWER COMPANY NORTH ANNA POWER STATION MONTHLY OPERATING REPORT

MONTH: August YEAR: 1995

Approved:

Station Manager 50%

OPERATING DATA REPORT

DOCKET NO.: 50-338

DATE: September 5, 1995 CONTACT: J. A. Stall

PHONE: (703) 894-2101

OPERATING STATUS

Reporting Period:August 1995			
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was in a second			
Maximum Dependable Capacity (Gross MWe): 940			
Maximum Dependable Capacity (Net MWe): 893			
If changes occur in Capacity Ratings (Items No. 3 thru 7)	since last repor	t, give reasons:	N/A
Power level to which restricted, if any (Net MWe):N/A			
Reasons for restrictions, if any:N/A			
	This Month	Y-t-D	Cumulative
Hours in Reporting Period	744.0	5,831.0	150,707.0
Number of Hours Reactor was Critical	744.0	5,809.6	114,257.4
Reactor Reserve Shutdown Hours	0.0	20.9	6,951.4
Hours Generator On-Line	744.0	5,804.8	111,258.5
Unit Reserve Shutdown Hours	0.0	0.0	0.0
Gross Thermal Energy Generated (MWH)	2,151,417.0	16,723,700.5	296,909,280.4
Gross Electrical Energy Generated (MWH)	701,278.0	5,490,947.0	97,566,567.0
Net Electrical Energy Generated (MWH)	666,123.0	5,221,815.0	92,424,101.0
Unit Service Factor	100.0%	99.6%	73.8
Unit Availability Factor	100.0%	99.6%	73.8
Unit Capacity Factor (using MDC Net)		99.7%	68.6
Unit Capacity Factor (using DER Net)	98.7%	98.7%	67.6
Forced Outage Rate	0.0%	0.4%	9.5
Shutdowns Scheduled Over Next 6 Months (Type, Date, and Du	ration of Each)	:_N/A	
If Shutdown at end of Report Period, estimated time of Sta	ecture: N/A		
Units in Test Status (Prior to Commercial Operation):	11 cap		
	Achieved		
Forecast	Achieved		
INITIAL CRITICALITY			
INITIAL ELECTRICITY			

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-338
Unit: NA-1
Date: September 5, 1995

Contact J. A.Stall
Phone: (703) 894-2101

MONTH: August 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	894	17	894
2	894	18	895
3	894	19	895
4	895	20	895
5	894	21	896
6	894	22	895
7	895	23	897
8	897	24	897
9	897	25	885
10	896	26	897
11	897	27	897
12	896	28	897
13	895	29	898
14	895	30	898
15	895	31	897
16	894		

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: August

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.

Date	Time	Data
August 01, 1995	0000	Began month with unit at 100% power, 942 MWe.
August 04, 1995	0800	Commenced unit ramp-down for Turbine Valve Freedom Test. Unit at 100% power, 942 MWe.
	0832	Unit stable at 92% power, 869 MWe.
	0944	Commenced unit ramp-up following Turbine Valve Freedom Test. Unit at 92% power, 869 MWe.
	1012	Unit stable at 100% power, 945 MWe.
August 25, 1995	0819	Commenced unit ramp-down for Turbine Valve Freedom Test. Unit at 100% power, 946 MWe.
	0847	Stabilized unit and secured ramp-down due to cycling of 1-CH-P-2B. Unit at 98% power, 926 MWe.
	1044	Re-commenced unit ramp-down for Turbine Valve Freedom Test. Unit at 98% power, 926 MWe.
	1130	Unit stable at 91% power, 865 MWe. Secured ramp-down.
	1327	Commenced unit ramp-up following Turbine Valve Freedom Test. Unit at 91% power, 865 MWe.
	1433	Unit stable at 100% power, 945 MWe.
August 31, 1995	2400	Ended month with unit at 100% power, 944 MWe.

UNIT SHUTDOWN AND POWER REDUCTIONS Explanation Sheet

Docket No.: 50-338

Report Month August Unit Name: NA-1

Year: 1995 Date: September 5, 1995

Contact: J. A. Stall

^{*} No entry this month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-338 UNIT NAME: NA-1

DATE: September 5, 1995 CONTACT: J. A. Stall PHONE: (703) 894-2101

REPORT MONTH: August 1995

Cause & Corrective Method of Licensee System Component Type Duration Reason No. Date Action to Shutting Event (hrs) Code Code Down Reactor Report # Prevent Recurrence

1: Type	2: Reason	3:
F=Forced	A=Equipment Failure (explain)	1=
S=Scheduled	B=Maintenance or Test	2=
	C=Refueling	3=
	D=Regulatory Restriction	4 =
	E=Operator Training & License Examination	5=
	F=Administrative	9=
	G=Operational Error	
	H=Other (explain)	

Method =Manual =Load Reduction (NUREG-0161) =Other

Exhibit F - Instructions =Manual Scram for preparation of Data =Automatic Scram Entry Sheets for Licensee =Continuations Event Report (LER) File

> 5: Exhibit H - Same Source

^{*} No Entry This Month

OPERATING DATA REPORT

DOCKET NO.: 50-339
DATE: September 5, 1995
CONTACT: J. A. Stall
PHONE: (703) 894-2101

OPERATING STATUS

2. Reporting Period:	1.	Unit Name:North Anna 2			
1. Licensed Thermal Power (MMT):		Reporting Period:August 1995			
4. Nameplate Rating (Gross MWe):					
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:					
6. Maximum Dependable Capacity (Gross MNe): 944 7. Maximum Dependable Capacity (Net MMe): 897 8. If changes occur in Capacity Ratings (Items No. 3 thru 7) since last report, give reasons:N/A		Design Electrical Rating (Net MWe): 907			
8. If changes occur in 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	-				
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P. Power level to which restricted, if any (Net MWe):N/A					
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This Month Y-t-D Cumulative 11. Hours in Reporting Period					
11. Hours in Reporting Period	10.	Reasons for restrictions, if any:N/A			
11. Hours in Reporting Period					
11. Hours in Reporting Period					
11. Hours in Reporting Period					
11. Hours in Reporting Period			This Month	V-+-D	Comulative
12. Number of Hours Reactor was Critical			inis month	1-1-0	Cundiative
12. Number of Hours Reactor was Critical	4.8	Name in Reporting Pariod	744 0	5.831.0	128.975.0
13. Reactor Reserve Shutdown Hours. 0.0 1.3 6,510.2 14. Hours Generator On-Line. 744.0 4,188.9 106,024.6 15. Unit Reserve Shutdown Hours. 0.0 0.0 0.0 16. Gross Thermal Energy Generated (MWH) 2,138,129.4 11,004,801.4 287,620,765.4 17. Gross Electrical Energy Generated (MWH) 701,405.0 3,598,834.0 94,075,591.0 18. Net Electrical Energy Generated (MWH) 666,274.0 3,409,500.0 89,949,468.0 19. Unit Service Factor 100.0% 71.8% 82.2 20. Unit Availability Factor (using MDC Net) 99.8% 65.7% 77.5 22. Unit Capacity Factor (using DER Net) 98.7% 64.5% 76.9 23. Forced Outage Rate 98.7% 64.5% 76.9 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					
14. Hours Generator On-Line					
15. Unit Reserve Shutdown Hours	-				
16. Gross Thermal Energy Generated (MWH)					
17. Gross Electrical Energy Generated (MWH) 701,405.0 3,598,834.0 94,075,591.0 18. Net Electrical Energy Generated (MWH) 666,274.0 3,409,500.0 89,949,468.0 19. Unit Service Factor 100.0% 71.8% 82.2 20. Unit Availability Factor 100.0% 71.8% 82.2 21. Unit Capacity Factor (using MDC Net) 99.8% 65.7% 77.5 22. Unit Capacity Factor (using DER Net) 98.7% 64.5% 76.9 23. Forced Outage Rate 0.0% 0.0% 5.0 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 Achieved					
18. Net Electrical Energy Generated (MWH)			The second second		
19. Unit Service Factor					
20. Unit Availability Factor			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		
21. Unit Capacity Factor (using MDC Net)					
22. Unit Capacity Factor (using DER Net)					
23. Forced Outage Rate					
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):					
25. If Shutdown at end of Report Period, estimated time of Startup:N/A	23.	Forced Outage Rate	0.0%	0.0%	5.0%
25. If Shutdown at end of Report Period, estimated time of Startup:N/A					
25. If Shutdown at end of Report Period, estimated time of Startup:	24	Shutdowns Schadulad Over Next 6 Months (Type Date and Du	ration of Each):	N/A	
26. Units in Test Status (Prior to Commercial Operation): Forecast Achieved: INITIAL CRITICALITY	24.	Structural Selectives over wext o months (1996, bate, and ba	indication of Edelia,		
26. Units in Test Status (Prior to Commercial Operation): Forecast Achieved: INITIAL CRITICALITY					
26. Units in Test Status (Prior to Commercial Operation): Forecast Achieved: INITIAL CRITICALITY					
26. Units in Test Status (Prior to Commercial Operation): Forecast Achieved: INITIAL CRITICALITY					
26. Units in Test Status (Prior to Commercial Operation): Forecast Achieved: INITIAL CRITICALITY	25	If Shutdown at end of Report Period, estimated time of Sta	rtub:	N/A	
Forecast Achieved				and the second s	
INITIAL CRITICALITY			Achieved		
			101110101011		
INITIAL ELECTRICITY		INITIAL ELECTRICITY			
COMMERCIAL OPERATION			**********		

AVERAGE DAILY UNIT POWER LEVEL

Docket No.: 50-339 Unit: NA-2
Date: September 5, 1995 NA-2 Contact J. A.Stall
Phone: (703) 894-2101

MONTH: August 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERA DAILY POWER LEVEL (MWe-Net)
1	901	17	900
2	900	18	900
3	899	19	901
	895	20	902
4	900	21	902
5	900	22	902
6	902	23	903
/	726	24	903
8	886	25	903
9	903	26	903
10	903	27	903
11	902	28	904
12	A STATE OF THE STA	29	905
13	902	30	904
14	901	31	904
15	901	3.1	

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: August

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.

Date	Time	Data
August 01, 1995	0000	Began month with unit stable at 100% power, 950 MWe.
August 04, 1995	0800	Commenced unit ramp-down for Turbine Valve Freedom Test. Unit at 100% power, 942 MWe.
	0832	Unit stable at 92% power, 869 MWe.
	0944	Commenced unit ramp-up following Turbine Valve Freedom Test. Unit at 92% power, 869 MWe.
	1012	Unit stable at 100% power, 945 MWe.
August 08, 1995	0200	Commenced unit ramp-down for waterbox maintenance. Unit at 100% power, 949 MWe.
	0258	Unit stable at 84% power, 800 MWe.
August 09, 1995	0142	Commenced unit ramp-up following waterbox maintenance. Unit at 80% power, 770 MWe.
	0255	Unit stable at 100% power, 948 MWe.
August 31, 1995	2400	Ended month with unit stable at 100% power, 951 Mwe.

UNIT SHUTDOWN AND POWER REDUCTIONS Explanation Sheet

Docket No.: 50-339

Report Month August Unit Name: NA-2

Year: 1995 Date: September 5, 1995

Contact: J. A. Stall

^{*} No Entry This Month

UNIT NAME: NA-2

DOCKET NO.: 50-339

DATE: September 5, 1995 CONTACT: J. A. Stall

PHONE: (703) 894-2101

REPORT MONTH: August 1995

No. Date Type Duration Reason Method of (hrs)

Shutting

Event Down Reactor Report #

Licensee System Component Code Code

Cause & Corrective Action to Prevent Recurrence

*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

4=Continuations

5=Load Reduction

9=Other

4:

Exhibit F - Instructions for preparation of Data

3=Automatic Scram Entry Sheets for Licensee Event Report (LER) File

(NUREG-0161)

5:

Exhibit H - Same Source