

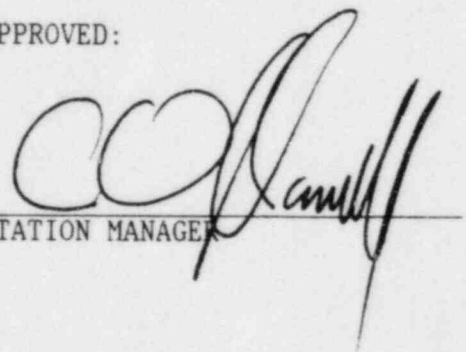
VIRGINIA POWER COMPANY

NORTH ANNA POWER STATION

MONTHLY OPERATING REPORT

MONTH January YEAR 1985

APPROVED:


STATION MANAGER

8503200142 850131
PDR ADOCK 05000338
R PDR

1224
111

OPERATING DATA REPORT

DOCKET NO. 50-338
DATE 02-05-85
COMPLETED BY Joan N. Lee
TELEPHONE (703) 894-5151 X25

OPERATING STATUS

1. Unit Name: North Anna 1
2. Reporting Period: January, 1985
3. Licensed Thermal Power (MWt): 2775
4. Nameplate Rating (Gross MWe): 947
5. Design Electrical Rating (Net MWe): 907
6. Maximum Dependable Capacity (Gross MWe): 937
7. Maximum Dependable Capacity (Net MWe): 890
8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give Reason

N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	57,972
12. Number of Hours Reactor Was Critical	744	744	39,108.8
13. Reactor Reserve Shutdown Hours	0	0	3,084.2
14. Hours Generator On-Line	716.8	716.8	37,829.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,980,004	1,980,004	98,839,666
17. Gross Electrical Energy Generated (MWH)	668,338	668,338	32,040,523
18. Net Electrical Energy Generated (MWH)	635,302	635,302	30,071,280
19. Unit Service Factor	96.3	96.3	65.3
20. Unit Availability Factor	96.3	96.3	65.3
21. Unit Capacity Factor (Using MDC Net)	96.0	96.0	58.3
22. Unit Capacity Factor (Using DER Net)	94.1	94.1	57.2
23. Unit Forced Outage Rate	3.8	3.8	13.2
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 Startup:
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 02-05-85

COMPLETED BY Joan N. Lee

TELEPHONE 703-894-5151X2527

MONTH January, 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>634</u>
3	<u>893</u>
4	<u>882</u>
5	<u>888</u>
6	<u>893</u>
7	<u>894</u>
8	<u>892</u>
9	<u>893</u>
10	<u>888</u>
11	<u>890</u>
12	<u>893</u>
13	<u>897</u>
14	<u>891</u>
15	<u>888</u>
16	<u>893</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>892</u>
18	<u>893</u>
19	<u>887</u>
20	<u>882</u>
21	<u>888</u>
22	<u>893</u>
23	<u>892</u>
24	<u>891</u>
25	<u>888</u>
26	<u>877</u>
27	<u>894</u>
28	<u>896</u>
29	<u>896</u>
30	<u>895</u>
31	<u>895</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.

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET DOCKET NO. 50-338

REPORT MONTH January UNIT NAME NA-1

YEAR 1985 DATE 02-05-85

COMPLETED BY Joan Lee

No entries this month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-338
UNIT NAME North Anna 1
DATE 02-05-85
COMPLETED BY Joan Lee
TELEPHONE (703) 894-5151 X2527

REPORT MONTH January, 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-21	123184	F	27.2	A	3	LER 84-026	NA	NA	Unit 1 Reactor trip caused by failure of a firing card in Rod Control Power Cabinet 1BD causing Multiple Rod drops. Repairs made and Unit 1 returned to 100% power, January 2, 1985 at 1150.

1	2	3	4
F: Forced	Reason:	Method:	Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)
S: Scheduled	A-Equipment Failure (Explain)	1-Manual	
	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	
	G-Operational Error (Explain)		5
	H-Other (Explain)		Exhibit H - Same Source

VIRGINIA POWER
NORTH ANNA POWER STATION

UNIT NO. 1

MONTH January

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.

<u>DATE</u>	<u>TIME</u>	<u>DATA</u>
January 1, 1985	0000	Began this month with Unit 1 at 4% power. Mode 2.
January 2, 1985	0330	Entered Mode 1.
	0351	Unit 1 on line.
	0429	Holding at 230 MW, 26% power per System Operator.
	0508	Commenced rampup to 100% at 150MW per hour.
	1150	Unit 1 at 100% power.
January 31, 1985	2400	Ended this month with Unit 1 at 100% power.

OPERATING DATA REPORT

DOCKET NO. 50-339
 DATE 02-05-85
 COMPLETED BY Joan N. Lee
 TELEPHONE (703) 894-5151 X252

OPERATING STATUS

Notes:

1. Unit Name: North Anna 2
2. Reporting Period: January, 1985
3. Licensed Thermal Power (MWt): 2775
4. Nameplate Rating (Gross MWe): 947
5. Design Electrical Rating (Net MWe): 907
6. Maximum Dependable Capacity (Gross MWe): 939
7. Maximum Dependable Capacity (Net MWe): 890
8. If Changes Occur in Capacity Ratings (Items No. 3 thru 7) Since Last Report, Give Reason

N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	36,240
12. Number of Hours Reactor Was Critical	744	744	26,532.8
13. Reactor Reserve Shutdown Hours	0	0	3,985.8
14. Hours Generator On-Line	744	774	26,147.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,063,336	2,063,336	67,562,577
17. Gross Electrical Energy Generated (MWH)	695,996	695,996	22,393,261
18. Net Electrical Energy Generated (MWH)	662,392	662,392	21,231,654
19. Unit Service Factor	100.0	100.0	72.2
20. Unit Availability Factor	100.0	100.0	72.2
21. Unit Capacity Factor (Using MDC Net)	100.0	100.0	65.8
22. Unit Capacity Factor (Using DER Net)	98.2	98.2	64.6
23. Unit Forced Outage Rate	0	0	12.9
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 Startup:
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 02-05-85

COMPLETED BY Joan N. Lee

TELEPHONE 703-894-5151X252

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>891</u>	17	<u>898</u>
2	<u>891</u>	18	<u>889</u>
3	<u>884</u>	19	<u>898</u>
4	<u>891</u>	20	<u>897</u>
5	<u>890</u>	21	<u>892</u>
6	<u>890</u>	22	<u>891</u>
7	<u>890</u>	23	<u>892</u>
8	<u>891</u>	24	<u>889</u>
9	<u>888</u>	25	<u>892</u>
10	<u>890</u>	26	<u>887</u>
11	<u>888</u>	27	<u>885</u>
12	<u>889</u>	28	<u>884</u>
13	<u>889</u>	29	<u>884</u>
14	<u>895</u>	30	<u>885</u>
15	<u>898</u>	31	<u>881</u>
16	<u>897</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.

UNIT SHUTDOWN AND POWER REDUCTIONS

EXPLANATION SHEET DOCKET NO. 50-339

REPORT MONTH January UNIT NAME NA-2

YEAR 1985 DATE 02-05-85

COMPLETED BY Joan Lee

No entries this month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-339
UNIT NAME	North Anna 2
DATE	02-05-85
COMPLETED BY	Joan Lee
TELEPHONE	(703) 894-5151 X2527

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
85-01	850301	S	0	B	5	NA	NA	NA	Ramped down for load following. Unit returned to full power.
85-02	851801	S	0	B	5	NA	NA	NA	Ramped down for Turbine Valve Freedom Test. Unit returned to 100% power.

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

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION

UNIT NO. 2

MONTH January

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.

<u>DATE</u>	<u>TIME</u>	<u>DATA</u>
January 1, 1985	0000	Began this month with Unit 2 at 100% power.
January 3, 1985	0230	Commenced rampdown for load following per System Operator.
	0305	Stabilized power at 88% power.
	0345	Commenced rampup to 100% power.
	0435	Unit at 100% power.
January 18, 1985	2055	Commenced rampdown for Turbine Valve Freedom Test.
	2136	Stabilized at 860 MW for Turbine Valve Freedom Test. 89% power.
	2312	Turbine Valve Freedom Test complete. Commenced rampup to 100%.
	2354	Unit at 100% power.
January 31, 1985	2400	Ended this month with Unit 2 at 100% power.

February 15, 1985



VIRGINIA POWER

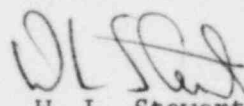
Mr. Maurice R. Beebe
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 85-092
NO/JHL:acm
Docket Nos. 50-338
50-339
License Nos. NPF-4
NPF-7

Dear Mr. Beebe:

Enclosed is the Monthly Operating Report for North Anna Power Station Unit Nos. 1 and 2 for the month of January, 1985.

Very truly yours,


W. L. Stewart

Enclosure (3 copies)

cc: Mr. R. C. DeYoung, Director (12 copies)
Office of Inspection and Enforcement

Mr. J. Nelson Grace (1 copy)
Regional Administrator
Region II

Mr. M. W. Branch
NRC Resident Inspector
North Anna Power Station

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