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10CFR50.36
John L. Skolds
Vice President
Nuclear Operations

June 10, 1992

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Director, Office of Resource Management

Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
MAY MONTHLY OPERATING REPORT

Enclosed is the May 1992 Monthly Operating Report for the Virgil C. Summer Nuclear Station Unit No. 1. This submittal is made in accordance with the requirements of Technical Specifications, Section 6.9.1.10.

If there are any questions, please call me at your convenience.

Very truly yours,

John L. Skolds

JWH:RJB:lcd
Attachments

c: O. W. Dixon
R. R. Mahan
R. J. White
S. D. Ebnetter
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General Managers
G. J. Taylor
NRC Resident Inspector
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NUCLEAR EXCELLENCE - A SUMMER TRADITION!

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 2/92
COMPLETED BY J. W. HALTIWANGER
TELEPHONE (803) 345-4297

MAY 1992

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	890	17.	-24
2.	889	18.	-37
3.	890	19.	-37
4.	889	20.	-35
5.	890	21.	-35
6.	889	22.	50
7.	890	23.	521
8.	889	24.	882
9.	890	25.	885
10.	890	26.	887
11.	867	27.	888
12.	22	28.	890
13.	-24	29.	888
14.	-16	30.	889
15.	-15	31.	887
16.	-17		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 6/ 2/92
 COMPLETED BY J. W. HALTIWANGER
 TELEPHONE (903) 345-4297

OPERATING STATUS

1. Reporting Period: May 1992
 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 2775
 Max. Depend. Capacity (MWe-Net): 885
 Design Electrical Rating (MWe-Net): 900
3. Power Level to Which Restricted (If Any)(MWe-Net): N/A
4. Reasons for Restrictions: N/A

	THIS MONTH -----	YR TO DATE -----	CUMULATIVE -----
5. Number of Hours Reactor Critical	513.1	3416.1	58040.7
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	492.6	3395.6	56883.3
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1314957	9252816	147821583
10. Gross Electrical Energy(MWH)	438430	3099000	48984399
11. Net Electrical Energy Generated (MWH)	413060	2965347	46512629
12. Reactor Service Factor	69.0	93.7	78.7
13. Reactor Availability Factor	69.0	93.7	78.7
14. Unit Service Factor	66.2	93.1	77.1
15. Unit Availability Factor	66.2	93.1	77.1
16. Unit Capacity Factor (Using MDC)	62.7	91.	71.2
17. Unit Capacity Factor (Design MWe)	61.7	90.2	70.1
18. Unit Forced Outage Rate	0.0	0.0	6.4

19. Shutdowns Scheduled Over Next 6 Months(Type, Date & Duration of Each):
 NONE

20. If Shut Down at End of Report Period, Estimated Date of Startup:
 N/A

21. Units in Test Status (Prior to Commercial Operation): N/A

ATTACHMENT III
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 2/92
COMPLETED BY J. W. HALTIWANGER
TELEPHONE (803) 345-4297

MAY 1992

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
2	920512	S	251.4	A	1	REPAIR S/G MANWAY STEAM LEAK

1.0 REASON

A: Equipment Failure
B: Maintenance or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training and License Examination
F: Administrative
G: Operational Error
H: Other (Explain)

2.0 METHOD

1: Manual
2: Manual Scram
3: Automatic Scram
4: Continuation (Use initial Date)
5: Power Reduction (Duration 0.0)
9: Other (Explain)

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	06/02/92
COMPLETED BY	J. W. HALTIWANGER
TELEPHONE	(803) 345-4297

MAY 1992

Virgil C. Summer Nuclear Station operated at approximately 100% power for the first 10 days of May.

Power was reduced on May 11 to repair a secondary steam leak on a "B" steam generator manway. The main generator breaker was opened at 0418 on May 12, Mode 3 was entered at 0600. The plant was cooled down to Mode 5. During this shutdown, several moisture separator reheater tubes were plugged.

On May 20 at 0415 hours, the plant entered Mode 2. During troubleshooting of a power range drawer, the power to an intermediate range channel sharing a common power supply was momentarily interrupted. The reactor tripped from approximately 3% power.

On May 21 at 0008 hours, the plant again entered Mode 2. In preparation for connecting the generator to the grid, with feedwater (FW) temperature at 250°F and decreasing, reactor power was increased to approximately 30% with the steam dump to the condenser in order to maintain FW flow above the minimum 13% FW isolation setpoint (FW isolation occurs when FW temperature is less than 225°F with flow less than 13%). While the turbine was rolling up, the main steam power operated relief valves (PORV) cycled open and closed several times due to main steam system overpressure. As a result of the PORV oscillations, FW flow to "C" SG decreased below 13%, and before it recovered to greater than the 17% low flow reset, FW temperature dropped below 225°F causing FW isolation to "C" SG. An attempt to reduce power to shift FW to the SG to EFW system was made but "C" SG level fell below the low SG level reactor trip setpoint before this could be accomplished, and a reactor trip occurred from 9% power. Subsequent testing revealed that the main condenser dump valves were not opening fully; the valve controls were repaired.

On May 22 at 0947 hours, the reactor was taken critical. The main generator breaker was closed at 1542 hours that day.

The plant operated at approximately 100% power from May 24 through the end of the month.

MISCELLANEOUS OPERATING STATISTICS THRU May 1992

VIRGIL C SUMMER NUCLEAR STATION, UNIT 1

OPERATING STATUS

Currently Authorized Power Level (MWt): 2775
 Max. Depend. Capacity (MWe-Net): 885
 Design Electrical Rating (MWe-Net): 900
 Gross Maximum Capacity (MWe): 930
 Gross Dependable Capacity (MWe): 921

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
	-----	-----	-----	-----
Number of Hours Reactor Critical	65373.5	6504.7	7224.7	1976.1
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	63882.7	6313.3	7033.3	1955.6
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	162432118	16915547	18888872	5284513
Gross Electrical Energy(MWH)	53764909	5661400	6323190	1766380
Net Electrical Energy Generated (MWH)	51005355	5396943	6032099	1686935
Reactor Service Factor	78.2	80.7		
Reactor Availability Factor	78.2	80.7		
Unit Service Factor	76.4	78.3		
Unit Availability Factor	76.4	78.3	80.1	88.6
Unit Capacity Factor (Using MDC)	68.9	75.6	77.6	86.4
Unit Capacity Factor (Design MWe)	67.8	74.4		
Unit Forced Outage Rate	6.7	0.8	0.7	
Forced Outage Hours	4567.3	50.8	50.8	0.0
Scheduled Outage Hours	15167.0	1699.9	1699.9	251.4
Equipment Forced Outages:			2	0
Equivalent Unit Derated Hours*			478.29	302.10
Equivalent Seasonal Derated Hours*			41.99	11.73
Equivalent Availability Factor*			74.1	74.4
Equivalent Unit Derated Hours* for Month:	270.1			
Equivalent Seasonal Derated Hours* for Month:	4.8			
Equivalent Availability Factor* for Month:	29.3			
Equivalent Availability Factor* for 36 months:	80.6			
Year-to-Date Equivalent Availability Factor*:	84.3			
Equipment Forced Outages per 1000 Critical Hours:		0.277		
Equipment Forced Outages Year-to-Date:	0			
Total Forced Outages Year-to-Date:	0			

* Based on INPO Detailed Descriptions of Overall Performance Indicators and Other Indicators - December 1987