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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  
JUNE MONTHLY OPERATING REPORT

Enclosed is the June 2001 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,

Stephen A. Byrne

SAB/nkk  
Attachment

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DMS (RC-01-0130)

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ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	07/06/2001
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

JUNE 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	516	17.	950
2.	0	18.	951
3.	0	19.	952
4.	0	20.	949
5.	0	21.	952
6.	230	22.	936
7.	702	23.	386
8.	975	24.	876
9.	975	25.	899
10.	970	26.	935
11.	967	27.	936
12.	959	28.	933
13.	957	29.	824
14.	955	30.	213
15.	953		
16.	951		

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	07/06/2001
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING STATUS

1. Reporting Period:	June 2001
Gross Hours in Reporting Period:	720
2. Currently Authorized Power Level (MWt):	2900
Max. Depend. Capacity (MWe-Net):	966
Design Electrical Rating (MWe-Net):	972.7
3. Power Level to Which Restricted (If Any) (MWe-Net):	N/A
4. Reasons for Restrictions:	N/A

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor Critical	677.5	2878.4	127032.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	596.6	2742.4	125269.9
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1614175	7631806	336336005
10. Gross Electrical Energy (MWH)	547580	2653640	113163059
11. Net Electrical Energy Generated (MWH)	519775	2543193	108056846
12. Reactor Service Factor	94.1	65.8	82.9
13. Reactor Availability Factor	94.1	65.8	82.9
14. Unit Service Factor	82.9	63.1	81.7
15. Unit Availability Factor	82.9	63.1	81.7
16. Unit Capacity Factor (Using MDC)	74.7	60.6	78.2
17. Unit Capacity Factor (Design MWe)	74.2	60.2	76.9
18. Unit Forced Outage Rate	0.0	0.0	3.4
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each):			N/A
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 07/06/2001  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

JUNE 2001

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
1	06/01/01	S	105.2	A	1	Planned shut down to repair steam generator shell side steam leakage at manway and inspection ports.
2	06/23/01	S	7.3	A	1	Planned shutdown to repair closure of turbine generator Combined Intercept Valves (CIV) valves. Controlling solenoid valve was repaired and CIV valves reopened.
3	06/30/01	S	10.9	A	1	Planned shutdown to repair disconnect switch in plant switch yard.

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

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JUNE 2001

On June 1 the main generator breaker was opened at 17:06, as part of a planned plant shut down needed to repair steam generator shell side steam leakage from manways and inspection ports. The reactor was shut down and mode 3 was entered on June 3 at 21:53. Repairs were completed and the reactor became critical on June 5 at 16:24. The main generator breaker was closed on June 6 at 02:18.

Several days after the return to full power two of the turbine generator CIV valves closed. On June 23 at 01:57 the main generator breaker was opened to support the plant shut down needed to repair the two CIV valves. The CIV valve repair was completed and the main generator breaker closed on June 23 at 09:13.

After the repair of the CIV valves the plant was unable to achieve full power due to high temperatures on disconnect switch 8902 in the plant switchyard. In order to replace this switch the plant was shut down again when the main generator breaker was opened on June 30 at 01:43. The switch was replaced and the main generator breaker was closed on June 30 at 12:34.