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Washington, DC 20555

Attention: Director, Office of Resource Management

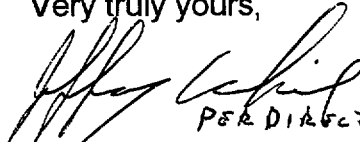
Gentlemen:

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

Enclosed is the July 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,


PER DIRECTION OF S.B.
Stephen A. Byrne

SAB/nkk
Attachment

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 08/07/2001
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

JULY 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	901	17.	969
2.	956	18.	971
3.	954	19.	969
4.	957	20.	969
5.	955	21.	312
6.	955	22.	0
7.	955	23.	0
8.	954	24.	569
9.	950	25.	969
10.	963	26.	970
11.	969	27.	971
12.	969	28.	971
13.	969	29.	972
14.	968	30.	969
15.	970	31.	970
16.	970		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 08/07/2001
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

- | | |
|--|-----------|
| 1. Reporting Period: | July 2001 |
| Gross Hours in Reporting Period: | 744 |
| 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	744.0	3622.4	127776.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	681.5	3423.9	125951.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1934895	9566702	338270900
10. Gross Electrical Energy (MWH)	672220	3325860	113835279
11. Net Electrical Energy Generated (MWH)	644752	3187945	108701598
12. Reactor Service Factor	100.0	71.2	82.9
13. Reactor Availability Factor	100.0	71.2	82.9
14. Unit Service Factor	91.6	67.3	81.7
15. Unit Availability Factor	91.6	67.3	81.7
16. Unit Capacity Factor (Using MDC)	89.7	64.9	78.1
17. Unit Capacity Factor (Design MWe)	89.1	64.4	77.0
18. Unit Forced Outage Rate	8.4	1.8	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 08/07/2001
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

JULY 2001

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
1	07/21/01	F	62.5	A	1	Shutdown due to loss of air pressure in main generator breaker air system. Repaired air leak by replacing C phase arc chamber support flange.

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	08/07/2001
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TELEPHONE	(803) 345-4389

JULY 2001

At the beginning of the month, the plant was at approximately 85% power after recovering from a shutdown in June. Power was increased to 98% by 06:30 on July 1 where it was held pending repairs to the level transmitters on both A and B Reheater Drain Tanks. The level transmitters were repaired, and 100% power was restored at 09:50 on July 10.

At 06:35 on July 21, a plant shutdown began to conduct repairs to the main generator breaker air system. A crack in the C phase arc chamber support flange of the generator breaker caused an air leak. The air leak resulted in a loss of breaker control that required a plant shut down to repair. At 09:35, the main generator was taken off line with the opening of OCB-8902. The reactor remained critical at approximately 2% thermal power. At 00:21 on July 24, repairs were completed and the main generator breaker was closed. Power was restored to 100% at 20:36 on July 24, where it remained for the rest of the month.