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Vice President, Nuclear Operations
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June 13, 2006

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

Attention: Director, Office of Resource Management

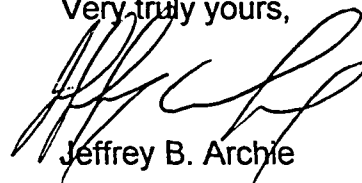
Dear Sir / Madam:

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

Enclosed is the May 2006 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 Mr. Robert G. Sweet, (803) 345-4080, at your convenience.

Very truly yours,



Jeffrey B. Archie

JBA/mbb
Attachment

c: S. A. Byrne
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File (818.03-1, RR 4100)
DMS (RC-06-0114)

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ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE June 7, 2006
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

May 2006

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	987	17	979
2	987	18	977
3	986	19	977
4	985	20	977
5	986	21	977
6	985	22	976
7	985	23	975
8	981	24	976
9	976	25	976
10	976	26	960
11	977	27	695
12	978	28	694
13	978	29	836
14	978	30	973
15	977	31	974
16	977		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	June 7, 2006
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING STATUS

1	Reporting Period:	May 2006
	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

	THIS MONTH	YR TO DATE	CUMULATIVE	
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5	Number of Hours Reactor Critical	744.0	3623.0	166721.4
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	3623.0	164619.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2106951	10446851	449413492
10	Gross Electrical Energy (MWH)	739310	3693610	152921179
11	Net Electrical Energy Generated (MWH)	710894	3555277	146270806
12	Reactor Service Factor	100.0	100.0	84.9
13	Reactor Availability Factor	100.0	100.0	84.9
14	Unit Service Factor	100.0	100.0	83.8
15	Unit Availability Factor	100.0	100.0	83.8
16	Unit Capacity Factor (Using MDC)	98.9	101.6	81.2
17	Unit Capacity Factor (Using Design)	98.2	100.9	80.2
18	Unit Forced Outage Rate	0.0	0.0	2.9
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): Refuel 16 is scheduled to start on 10/13/06 for a 32 day duration.			
20	If Shutdown 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 REDUCTION

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE June 7, 2006
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

May 2006

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
1	5/26/2006	F	0.0	A	5	Reactor power was reduced to approximately 75% to repair a leak on the "C" feedwater booster pump inboard seal.

- 1 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 METHOD
 1: Manual
 2: Manual Trip/Scram
 3: Automatic Trip/Scram
 4: Continuation (Use Initial Date)
 5: Power Reduction (Duration 0.0)
 9: Other (Explain)

SUMMARY:

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	June 7, 2006
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

May 2006

V. C. Summer Station experienced one power reduction during the month of May.

Reactor power was reduced to 75% on 05/26/2006 to repair a leak in the "C" feedwater booster pump inboard seal. The unit returned to full power operation on 05/29/2006 at 1615 following the repair.