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Vice President, Nuclear Operations
803.345.4214



January 11, 2006

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

Attention: Director, Office of Resource Management

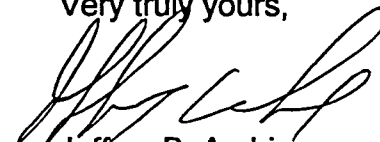
Dear Sir / Madam:

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

Enclosed is the December 2005 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 (email)
T. D. Gatlin (email)
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R. J. White (email)
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File (818.03-1, RR 4100)
DMS (RC-06-0004)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE January 3, 2006
COMPLETED BY T. V. Dao
TELEPHONE (803) 345-4812

December 2005

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	988	17	987
2	987	18	988
3	987	19	987
4	987	20	986
5	989	21	987
6	987	22	987
7	988	23	987
8	987	24	987
9	987	25	987
10	987	26	987
11	988	27	987
12	988	28	987
13	987	29	988
14	986	30	987
15	986	31	987
16	987		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	January 3, 2006
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING STATUS

1	Reporting Period:	December 2005
	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	7787.8	163098.4
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	7746.9	160996.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2155400	22028476	438966641
10	Gross Electrical Energy (MWH)	764020	7774380	149227569
11	Net Electrical Energy Generated (MWH)	734480	7469400	142715529
12	Reactor Service Factor	100.0	88.9	84.6
13	Reactor Availability Factor	100.0	88.9	84.6
14	Unit Service Factor	100.0	88.4	83.5
15	Unit Availability Factor	100.0	88.4	83.5
16	Unit Capacity Factor (Using MDC)	102.2	88.3	80.8
17	Unit Capacity Factor (Using Design)	101.5	87.7	79.8
18	Unit Forced Outage Rate	0.0	0.7	3.0
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each):			
	N/A			
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 January 3, 2006
COMPLETED BY T. V. Dao
TELEPHONE (803) 345-4812

December 2005

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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None

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	January 3, 2006
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

December 2005

V. C. Summer Station operated at full power for the entire month of December.