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Vice President, Nuclear Operations  
803.345.4214



November 14, 2005

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

Attention: Director, Office of Resource Management

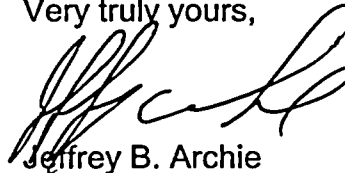
Dear Sir / Madam:

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

Enclosed is the October 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  
T. D. Gatlin  
G. S. Champion (w/o Attachment)  
R. J. White  
W. D. Travers  
R. E. Martin  
G. A. Lippard  
NRC Resident Inspector  
K. M. Sutton  
Paulette Ledbetter

W. R. Higgins  
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William G. Wendland (ANI)  
Pat Haught (Westinghouse)  
C. W. Adams  
NSRC  
CER (L-99-0350-1)  
File (818.03-1, RR 4100)  
DMS (RC-05-0187)

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ATTACHMENT I  
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
 UNIT V. C. SUMMER I  
 DATE November 2, 2005  
 COMPLETED BY T. V. Dao  
 TELEPHONE (803) 345-4812

October 2005

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
	(Mwe-Net)		(Mwe-Net)
1	979	17	984
2	979	18	984
3	980	19	983
4	979	20	984
5	980	21	983
6	981	22	984
7	981	23	985
8	981	24	985
9	981	25	985
10	982	26	988
11	982	27	985
12	982	28	974
13	982	29	968
14	982	30	986
15	983	31	987
16	983		

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	November 2, 2005
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING STATUS

1	Reporting Period:	October 2005
	Gross Hours in Reporting Period:	745
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	
5	Number of Hours Reactor Critical	745.0	6323.8	161634.4
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	745.0	6282.9	159532.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2156310	17796225	434734390
10	Gross Electrical Energy (MWH)	760820	6274720	147727909
11	Net Electrical Energy Generated (MWH)	731560	6027651	141273780
12	Reactor Service Factor	100.0	86.7	84.4
13	Reactor Availability Factor	100.0	86.7	84.4
14	Unit Service Factor	100.0	86.1	83.4
15	Unit Availability Factor	100.0	86.1	83.4
16	Unit Capacity Factor (Using MDC)	101.7	85.5	80.6
17	Unit Capacity Factor (Using Design)	101.0	84.9	79.6
18	Unit Forced Outage Rate	0.0	0.8	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 November 2, 2005  
COMPLETED BY T. V. Dao  
TELEPHONE (803) 345-4812

October 2005

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
7	10/28/2005	F	0.0	A	5	Reactor power was reduced to approximately 93.5% on 10/28/05 at 18:52 to repair an air leak in the level control system for ILV03763A-HD (1A feedwater heater level control valve). The unit returned to full power operation on 10/29/05 at 08:00.

- 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	November 2, 2005
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

October 2005

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

Reactor Power was reduced to approximately 93.5% on 10/28/05 at 18:52 to repair an air leak in the level control system for ILV03763A-HD (1A feedwater heater level control valve). The unit returned to full power operation on 10/29/05 at 08:00.