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Vice President, Nuclear Operations
803.345.4214



November 5, 2004

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

Attention: Director, Office of Resource Management

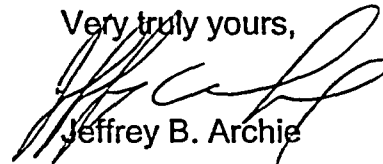
Dear Sir / Madam:

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

Enclosed is the October 2004 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,



Jeffrey B. Archie

JBA/mbb
Attachment

c: T. D. Gatlin
T. G. Eppink (w/o Attachment)
R. J. White
W. D. Travers
K. R. Cotton
G. A. Lippard
NRC Resident Inspector
K. M. Sutton
Paulette Ledbetter
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J&H Marsh & McLennan
William G. Wendland (ANI)
Pat Haught (Westinghouse)
C. W. Adams
NSRC
RTS (0-L-99-0350-1)
File (818.03-1, RR 4100)
DMS (RC-04-0182)

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ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE November 2, 2004
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

October 2004

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

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	November 2, 2004
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING STATUS

1	Reporting Period:	October 2004
	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	
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5	Number of Hours Reactor Critical	745.0	7042.2	153846.7
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	745.0	7027.3	151862.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2157203	20326919	412942974
10	Gross Electrical Energy (MWH)	762660	7164520	140041379
11	Net Electrical Energy Generated (MWH)	733542	6909815	133912608
12	Reactor Service Factor	100.0	96.2	84.2
13	Reactor Availability Factor	100.0	96.2	84.2
14	Unit Service Factor	100.0	96.0	83.1
15	Unit Availability Factor	100.0	96.0	83.1
16	Unit Capacity Factor (Using MDC)	101.9	97.7	80.3
17	Unit Capacity Factor (Using Design)	101.2	97.0	79.3
18	Unit Forced Outage Rate	0.0	3.8	3.1
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): Refuel 15 is scheduled to start on 04/22/2005 for a duration of 35 days			
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, 2004
 COMPLETED BY T. V. Dao
 TELEPHONE (803) 345-4812

October 2004

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
2	10/22/2004	S	0	B	5	Reactor Power was reduced to 91% to perform quarterly testing of Main Turbine and Main Feedwater Pump Turbines

- 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, 2004
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

October 2004

V. C. Summer Station operated at full power for the entire month of October with the following exception:

Reactor power was reduced to 91% for 5.9 hours (10/22/04 at 22:05 to 10/23/04 at 04:00) to perform quarterly testing of Main Turbine and Main Feedwater Pump Turbines.