

Jeffrey B. Archie
Vice President, Nuclear Operations
803.345.4214



October 7, 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
SEPTEMBER MONTHLY OPERATING REPORT

Enclosed is the September 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 me at your convenience.

Very truly yours,

Jeffrey B. Archie

JBA/mbb
Attachment

c: T. D. Gatlin
G. Champion (w/o Attachment)
R. J. White
W. D. Travers
R. E. Martin
G. A. Lippard
NRC Resident Inspector
K. M. Sutton
Paulette Ledbetter
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William G. Wendland (ANI)
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NSRC
CER (0-L-99-0350-1)
File (818.03-1, RR 4100)
DMS (RC-05-0163)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE October 3, 2005
COMPLETED BY T. V. Dao
TELEPHONE (803) 345-4812

September 2005

DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
	(Mwe-Net)		(Mwe-Net)
1	974	17	979
2	975	18	980
3	976	19	979
4	975	20	979
5	977	21	979
6	976	22	978
7	978	23	978
8	975	24	979
9	978	25	977
10	978	26	979
11	979	27	880
12	980	28	954
13	979	29	978
14	979	30	979
15	983		
16	979		

ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	October 3, 2005
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

OPERATING STATUS

1	Reporting Period:	September 2005
	Gross Hours in Reporting Period:	720
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	720.0	5578.8	160889.4
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	720.0	5537.9	158787.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2077350	15639915	432578080
10	Gross Electrical Energy (MWH)	729610	5513900	146967089
11	Net Electrical Energy Generated (MWH)	701269	5296091	140542220
12	Reactor Service Factor	100.0	85.2	84.4
13	Reactor Availability Factor	100.0	85.2	84.4
14	Unit Service Factor	100.0	84.5	83.3
15	Unit Availability Factor	100.0	84.5	83.3
16	Unit Capacity Factor (Using MDC)	100.8	83.7	80.6
17	Unit Capacity Factor (Using Design)	100.1	83.1	79.5
18	Unit Forced Outage Rate	0.0	1.0	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 October 3, 2005
COMPLETED BY T. V. Dao
TELEPHONE (803) 345-4812

September 2005

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
6	9/27/2005	F	0.0	A	5	Reactor power was reduced to approximately 87% on 09/27/05 at 06:02 when the "C" feedwater pump tripped at 06:02 due to failure of the pump speed control. The "C" feedwater pump speed control and the "C" feedwater flow control valve have been repaired. The unit returned to full power operation on 09/28/05 at 05:57.

- 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	October 3, 2005
COMPLETED BY	T. V. Dao
TELEPHONE	(803) 345-4812

September 2005

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

Reactor power was reduced to approximately 87% on 09/27/05 at 06:02 when the "C" feedwater pump tripped at 06:02 due to failure of the pump speed control. The "C" feedwater pump speed control and the "C" feedwater flow control valve have been repaired. The unit returned to full power operation on 09/28/05 at 05:57.