



Stephen A. Byrne
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April 13, 2004

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

Attention: Director, Office of Resource Management

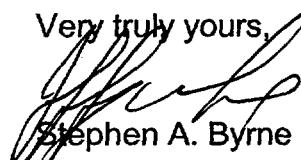
Dear Sir / Madam:

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

Enclosed is the March 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,


Stephen A. Byrne

PER DIRECTION
OF SAB 4/13/04

SAB/mbb
Attachment

c: J. B. Archie
T. G. Eppink (w/o Attachment)
R. J. White
L. A. Reyes
K. R. Cotton
T. D. Gatlin
NRC Resident Inspector
K. M. Sutton
Paulette Ledbetter
W. R. Higgins

INPO Records Center
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-04-0065)

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ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE April 5, 2004
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

March 2004

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	987	17	987
2	986	18	985
3	986	19	987
4	986	20	987
5	985	21	987
6	987	22	986
7	987	23	987
8	987	24	987
9	988	25	987
10	986	26	986
11	986	27	988
12	982	28	987
13	982	29	987
14	986	30	602
15	986	31	0
16	988		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE April 5, 2004
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING
 STATUS

1 Reporting Period: March 2004
 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
		-----	-----	-----
5	Number of Hours Reactor Critical	711.7	2151.7	148956.2
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	711.7	2151.7	146987.1
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2062025	6234091	398850146
10	Gross Electrical Energy (MWH)	729270	2205970	135082829
11	Net Electrical Energy Generated (MWH)	700919	2120177	129122970
12	Reactor Service Factor	95.7	98.5	83.9
13	Reactor Availability Factor	95.7	98.5	83.9
14	Unit Service Factor	95.7	98.5	82.8
15	Unit Availability Factor	95.7	98.5	82.8
16	Unit Capacity Factor (Using MDC)	97.5	100.5	79.8
17	Unit Capacity Factor (Using Design)	96.9	99.8	78.8
18	Unit Forced Outage Rate	4.3	1.5	3.0
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): None			
20	If Shutdown at End of Report Period, Estimated Date of Startup: 04/13/04			
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 April 5, 2004
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

March 2004

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
1	03/30/2004	F	32.3	A	3	Repair C Reactor Coolant Pump seal injection line.

- 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	April 5, 2004
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

March 2004

V. C. Summer Station began the month at 100% power and operated there until 03/30/04. At 14:10 on the 30th a plant shutdown began to support repairs to the C Reactor Coolant Pump seal injection line. This seal injection line was identified as the source of pressure boundary leakage, which required a plant shutdown in accordance with Tech Spec 3.4.6.2. During this shutdown at 15:16 the main turbine was manually tripped due to high bearing vibration. At 15:21 the reactor automatically tripped due to lo-lo level in the C steam generator. The plant remained shutdown for the remainder of the month.