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April 12, 2001

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U. S. Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Director, Office of Resource Management

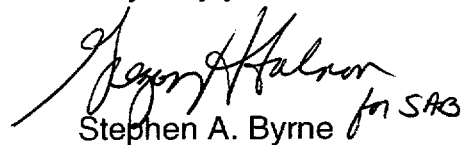
Gentlemen:

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

Enclosed is the March 2001 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 for SAB

SAB/nkk  
Attachment

c: G. H. Halnon  
T. G. Eppink (w/o Attachment)  
R. J. White  
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RTS (RR 4100, O-L-99-0350-1)  
File (818.03-1)  
DMS (RC-01-0080)

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ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 4/ 5/01  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

MARCH 2001

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	0	17.	982
2.	0	18.	983
3.	71	19.	982
4.	322	20.	982
5.	394	21.	983
6.	416	22.	983
7.	573	23.	984
8.	880	24.	983
9.	919	25.	983
10.	945	26.	982
11.	951	27.	982
12.	981	28.	982
13.	979	29.	982
14.	978	30.	982
15.	977	31.	984
16.	982		

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO. 50/395  
 UNIT V. C. SUMMER I  
 DATE 4/ 5/01  
 COMPLETED BY W. H. BELL  
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: March 2001  
 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	719.7	737.9	124891.8
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	682.8	682.8	123210.3
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1798368	1798368	330502567
10. Gross Electrical Energy (MWH)	627550	627550	111136969
11. Net Electrical Energy Generated (MWH)	600786	600786	106114439
12. Reactor Service Factor	96.7	34.2	82.6
13. Reactor Availability Factor	96.7	34.2	82.6
14. Unit Service Factor	91.8	31.6	81.5
15. Unit Availability Factor	91.8	31.6	81.5
16. Unit Capacity Factor (Using MDC)	83.6	27.9	77.8
17. Unit Capacity Factor (Design MWe)	83.0	27.7	76.7
18. Unit Forced Outage Rate	0.0	0.0	3.4
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): N/A			
20. If Shut Down 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 REDUCTIONS

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 4/ 5/01  
COMPLETED BY W. H. BE;;  
TELEPHONE (803) 345-4389

MARCH 2001

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

- 1.0 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)

- 2.0 METHOD  
1: Manual  
2: Manual Scram  
3: Automatic Scram  
4: Continuation (Use initial Date)  
5: Power Reduction (Duration 0.0)  
9. Other (Explain)

ATTACHMENT IV  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 4/ 5/01  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

MARCH 2001

THE MONTH BEGAN WITH THE REACTOR CRITICAL IN SUPPORT OF STARTUP PHYSICS TESTING. AT 00:17 ON 3/1/01 A MANUAL REACTOR TRIP WAS INSERTED DUE TO PROBLEMS WITH THE ROD CONTROL SYSTEM. ROD CONTROL WAS REPAIRED AND THE REACTOR BECAME CRITICAL AT 00:39 ON 3/2/01. PHYSICS TESTING WAS COMPLETED SATISFACTORILY AND THE MAIN GENERATOR BREAKER CLOSED AT 13:10 ON 3/3/01 AT WHICH TIME POWER ESCALATION BEGAN.

AT 17:09 ON 3/9/01, WHILE AT APPROXIMATELY 98%, A REDUCTION TO 90% POWER COMMENCED TO SECURE THE "C" MAIN FEEDWATER PUMP TO SUPPORT PUMP MAINTENANCE. PUMP REPAIRS WERE COMPLETED AND POWER ESCALATION BACK TO 98% BEGAN AT 21:20 ON 3/9/01.

AT 16:44 ON 3/10/01 A POWER REDUCTION TO APPROXIMATELY 90% BEGAN DUE TO THE LIFTING OF THE DEAERATOR STORAGE TANK RELIEF VALVE. AT 03:00 ON 3/11/01 THE RELIEF VALVE HAD BEEN REPAIRED AND POWER ESCALATION BEGAN. AT 12:05 ON 3/11/01 POWER REACHED 100% WHERE IT REMAINED FOR THE REST OF THE MONTH.