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10CFR50.36  
John L. Skolds  
Vice President  
Nuclear Operations

August 10, 1992

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

Attention: Director, Office of Resource Management

Gentlemer:

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

Enclosed is the July 1992 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,

John L. Skolds

JWH:RJB:lcd  
Attachments

c: O. W. Dixon  
R. R. Mahan  
R. J. White  
S. D. Ebner  
G. F. Wunder  
General Managers  
G. J. Taylor  
NRC Resident Inspector  
J. B. Knotts Jr.

J. W. Flitter  
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Marsh & McLennan  
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RTS (MON 2000)  
File (818.03-1)

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NUCLEAR EXCELLENCE - A SUMMER TRADITION!

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ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 8/ 3/92  
COMPLETED BY J. W. HALTIWANGER  
TELEPHONE (803) 345-4297

JULY 1992

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)
1.	886
2.	885
3.	875
4.	878
5.	884
6.	885
7.	883
8.	883
9.	883
10.	882
11.	884
12.	883
13.	882
14.	883
15.	883
16.	883

	(MWe-Net)
17.	882
18.	883
19.	882
20.	881
21.	882
22.	882
23.	882
24.	882
25.	880
26.	879
27.	881
28.	880
29.	881
30.	882
31.	880

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO. 50/395  
 UNIT V. C. SUMMER 1  
 DATE 8/ 3/92  
 COMPLETED BY J. W. HALTIWANGER  
 TELEPHONE (803) 345-4297

OPERATING STATUS

1. Reporting Period: July 1992  
 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWT): 2775  
 Max. Depend. Capacity (MWe-Net): 885  
 Design Electrical Rating (MWe-Net): 900
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	744.0	4880.1	59504.7
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	4859.6	58347.3
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2061744	13296686	151865453
10. Gross Electrical Energy(MWH)	683870	4444460	50329859
11. Net Electrical Energy Generated (MWH)	656122	4256260	47803542
12. Reactor Service Factor	100.0	95.5	79.1
13. Reactor Availability Factor	100.0	95.5	79.1
14. Unit Service Factor	100.0	95.1	77.5
15. Unit Availability Factor	100.0	95.1	77.5
16. Unit Capacity Factor (Using MDC)	99.6	94.1	71.8
17. Unit Capacity Factor (Design MWe)	98.0	92.5	70.6
18. Unit Forced Outage Rate	0.0	0.0	6.3
19. Shutdowns Scheduled Over Next 6 Months(Type, Date & Duration of Each):	None		
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 8/ 3/92  
COMPLETED BY J. W. HALTIWANGER  
TELEPHONE (803) 345-4297

JULY 1992

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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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 8/ 3/92  
COMPLETED BY J. W. HALTIWANGER  
TELEPHONE (803) 345-4297

JULY 1992

V. C. Summer Nuclear Station operated at approximately 100 percent power for the entire month of July.

MISCELLANEOUS OPERATING STATISTICS THRU JULY 1992  
VIRGIL C SUMMER NUCLEAR STATION, UNIT 1

OPERATING STATUS

Currently Authorized Power Level (MWt): 2775  
Max. Depend. Capacity (MWe-Net): 885  
Design Electrical Rating (MWe-Net): 900  
Gross Maximum Capacity (MWe): 930  
Gross Dependable Capacity (MWe): 919

	LIFE OF PLANT	F TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
Number of Hours Reactor Critical	66839.5	744.0	7224.7	1977.1
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	65346.7	744.0	7033.3	1956.6
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	166475988	2061744	18919094	5358827
Gross Electrical Energy (MWH)	55110369	683870	6324870	1783890
Net Electrical Energy Generated (MWH)	52296268	656122	6033417	1703973
Reactor Service Factor	78.6	100.0		
Reactor Availability Factor	78.6	100.0		
Unit Service Factor	76.8	100.0		
Unit Availability Factor	76.8	100.0	80.1	88.6
Unit Capacity Factor (Using MDC)	69.5	99.6	77.6	87.2
Unit Capacity Factor (Design MWe)	68.3	98.0		
Unit Forced Outage Rate	6.5	0.0	0.7	
Forced Outage Hours	4567.3	0.0	50.8	0.0
Scheduled Outage Hours	15167.0	0.0	1699.9	251.4
Equipment Forced Outages:			2	0
Equivalent Unit Derated Hours*			464.10	274.50
Equivalent Seasonal Derated Hours*			41.99	20.54
Equivalent Availability Factor*			74.3	75.3
Equivalent Unit Derated Hours* for Month:	0.4			
Equivalent Seasonal Derated Hours* for Month:	8.8			
Equivalent Availability Factor* for Month:	98.8			
Equivalent Availability Factor* for 36 months:	81.4			
Year-to-Date Equivalent Availability Factor*:	88.4			
Equipment Forced Outages per 1000 Critical Hours:	0.277			
Equipment Forced Outages Year-to-Date:	0			
Total Forced Outages Year-to-Date:	0			

\* Based on INPO Detailed Descriptions of Overall Performance Indicators and Other Indicators - December 1987