

ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE 02/01/91  
COMPLETED BY J. W. HALTIWANGER  
TELEPHONE (803) 345-4297

JANUARY 1991

DAY AVERAGE DAILY POWER LEVEL DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	376	17.	334
2.	376	18.	377
3.	375	19.	377
4.	376	20.	378
5.	378	21.	416
6.	378	22.	637
7.	378	23.	644
8.	377	24.	645
9.	377	25.	646
10.	377	26.	648
11.	377	27.	649
12.	381	28.	644
13.	383	29.	647
14.	384	30.	647
15.	384	31.	647
16.	384		

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO. 50/395  
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OPERATING STATUS

1. Reporting Period: January 1991  
 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	744.0	48103.1
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	744.0	47166.0
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1148347	1148347	122819827
10. Gross Electrical Energy(MWH)	372160	372160	40629019
11. Net Electrical Energy Generated (MWH)	345656	345656	38552487
12. Reactor Service Factor	100.0	100.0	77.4
13. Reactor Availability Factor	100.0	100.0	77.4
14. Unit Service Factor	100.0	100.0	75.9
15. Unit Availability Factor	100.0	100.0	75.9
16. Unit Capacity Factor (Using MDC)	52.5	52.5	70.1
17. Unit Capacity Factor (Design MWe)	51.6	51.6	69.0
18. Unit Forced Outage Rate	0.0	0.0	7.5

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

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JANUARY 1991

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

Key

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
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JANUARY 1991

Virgil C. Summer Nuclear Station (VCSNS) continued to operate at reduced power during the month of January to conserve fuel. The plant operated at approximately 48 percent power for the first 20 days of January. On January 21, 1991, power was increased to approximately 74 percent and remained at 74 percent for the remainder of January.

SUMMARY OF CHANGES TO REVISION 14  
OFFSITE DOSE CALCULATION MANUAL

<u>ODCM (Revision 14) Changes</u>	<u>Comment</u>
Section 3.2.1, p. 3.0-13; values assigned to X/Q' and D/Q' were deleted. Definitions for X/Q' and D/Q' were added.	X/Q' and D/Q' values are identified in section 3.2.3.2.
Section 3.2.3.1, p. 3.0-16; D/Q' value changed to $1.2 \times 10^{-8} \text{ m}^{-2}$ . Also typo in D <sub>g</sub> and N <sub>i</sub> definitions corrected.	Change made to update the annual average relative deposition value for the new maximum exposed individual location.
Table 3.2-7, p. 3.0-37; data changed for N, NNE, NE, ENE, E, SW, W, WNW, and NW. Footnote "*" reworded.	Changes made to update table with current census information.
Table 3.2-7, note, p. 3.0-38; changed date of field survey from 1989 to 1990.	Change made to update note with current census information.
Table 3.2-8, p. 3.0-39; data changed for N, NNE, NE, E, W, WNW, NW and NNW.	Changes made to update table with current census information
Table 3.2.9, note (4), p. 3.0-43; information concerning possible dairy activity in the W sector at 4.9 miles, identified during the 1990 land use census, was incorporated.	Note updated to reflect current census information.
Appendix A, example calculations, p. A-13; D/Q' value changed to $1.2 \times 10^{-8}$ . Also, typos corrected.	Change made to incorporate new D/Q' into example calculation and to correct typos.
Appendix A, example calculations, p. A-14; D/Q' value changed to $1.2 \times 10^{-8}$ .	Change made to incorporate new D/Q' into example calculation.