

OPERATING DATA REPORT

DOCKET NO. 50-280
DATE 07 AUG 80
COMPLETED BY SUE D. DUNN
TELEPHONE 804-357-3184

OPERATING STATUS

- 1. UNIT NAME SURRY UNIT 1
- 2. REPORTING PERIOD 60180 TO 63080
- 3. LICENSED THERMAL POWER (MWT) 2441
- 4. NAMEPLATE RATING (GROSS MWE) 847.5 | NOTES |
- 5. DESIGN ELECTRICAL RATING (NET MWE) 822
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 740
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) 704
- 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS N/A Max. Dependability Capacity (Gross + Net) Rating changed due to L-3 Blading Removed From Both L/P Rotors.
- 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) N/A
- 10. REASONS FOR RESTRICTIONS, IF ANY N/A

THIS MONTH YR-TO-DATE CUMULATIVE

- 11. HOURS IN REPORTING PERIOD 720.0 4367.0 65951.0
- 12. NUMBER OF HOURS REACTOR WAS CRITICAL 705.7 2209.7 40961.3
- 13. REACTOR RESERVE SHUTDOWN HOURS 0.0 182.6 3731.5
- 14. HOURS GENERATOR ON-LINE 701.5 2193.1 40098.1
- 15. UNIT RESERVE SHUTDOWN HOURS 0.0 183.6 3736.2
- 16. GROSS THERMAL ENERGY GENERATED (MWH) 1699785.0 5268805.0 92983677.0
- 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) 507900.0 1631460.0 30311958.0
- 18. NET ELECTRICAL ENERGY GENERATED (MWH) 479886.0 1545886.0 28772785.0
- 19. UNIT SERVICE FACTOR 97.4 % 50.2 % 60.8 %
- 20. UNIT AVAILABILITY FACTOR 97.4 % 54.4 % 66.5 %
- 21. UNIT CAPACITY FACTOR (USING MDC NET) 94.7 % 50.3 % 62.0 %
- 22. UNIT CAPACITY FACTOR (USING DER NET) 81.1 % 43.1 % 53.1 %
- 23. UNIT FORCED OUTAGE RATE 2.6 % 49.8 % 26.8 %
- 24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH) 9/15/80 - S/G REPLACEMENT OUTAGE REFUELING - 1 YEAR

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATE DATE OF STARTUP

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT

DOCKET NO. 50-281
DATE 07 AUG 80
COMPLETED BY O.J. COSTELLO
TELEPHONE 804-357-3184

OPERATING STATUS

- 1. UNIT NAME SURRY UNIT 2
2. REPORTING PERIOD 60180 TO 63080
3. LICENSED THERMAL POWER (MWT) 2441
4. NAMEPLATE RATING (GROSS MWE) 847.5
5. DESIGN ELECTRICAL RATING (NET MWE) 822
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 811
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) 775
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT. GIVE REASONS N/A

- 9. POWER LEVEL TO WHICH RESTRICTED. IF ANY (NET MWE) N/A
10. REASONS FOR RESTRICTIONS. IF ANY N/A

THIS MONTH YR-TO-DATE CUMULATIVE

Table with 4 columns: Item, Hours, Yr-to-Date, Cumulative. Rows include: 11. HOURS IN REPORTING PERIOD (720.0, 4367.0, 62831.0), 12. NUMBER OF HOURS REACTOR WAS CRITICAL (0.0, 0.0, 34499.9), 13. REACTOR RESERVE SHUTDOWN HOURS (0.0, 0.0, 0.0), 14. HOURS GENERATOR ON-LINE (0.0, 0.0, 33996.2), 15. UNIT RESERVE SHUTDOWN HOURS (0.0, 0.0, 0.0), 16. GROSS THERMAL ENERGY GENERATED (MWH) (0.0, 0.0, 79194083.0), 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) (0.0, 0.0, 25868844.0), 18. NET ELECTRICAL ENERGY GENERATED (MWH) (0.0, 0.0, 24536605.0), 19. UNIT SERVICE FACTOR (0.0 %/°, 0.0 %/°, 54.1 %/°), 20. UNIT AVAILABILITY FACTOR (0.0 %/°, 0.0 %/°, 54.1 %/°), 21. UNIT CAPACITY FACTOR (USING MDC NET) (0.0 %/°, 0.0 %/°, 50.4 %/°), 22. UNIT CAPACITY FACTOR (USING DER NET) (0.0 %/°, 0.0 %/°, 47.5 %/°), 23. UNIT FORCED OUTAGE RATE (0.0 %/°, 0.0 %/°, 21.0 %/°), 24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)

- 25. IF SHUT DOWN AT END OF REPORT PERIOD. ESTIMATE DATE OF STARTUP 7/10/80
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) FORECAST ACHIEVED

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- 1. UNIT NAME SURRY UNIT 1
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- 3. LICENSED THERMAL POWER (MWT) 2441
- 4. NAMEPLATE RATING (GROSS MWE) 847.5 | NOTES
- 5. DESIGN ELECTRICAL RATING (NET MWE) 822
- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 740
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) 704
- 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT. GIVE REASONS N/A

- 9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) N/A
- 10. REASONS FOR RESTRICTIONS, IF ANY N/A

THIS MONTH YR-TO-DATE CUMULATIVE

11. HOURS IN REPORTING PERIOD	744.0	5111.0	66695.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	2953.7	41705.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	182.6	3731.5
14. HOURS GENERATOR ON-LINE	744.0	2937.1	40842.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	183.6	3736.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	1741601.0	7010406.0	94725278.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	515285.0	2146745.0	30827243.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	484396.0	2030282.0	29257181.0
19. UNIT SERVICE FACTOR	100.0 %	57.5 %	61.2 %
20. UNIT AVAILABILITY FACTOR	100.0 %	61.1 %	66.8 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	92.5 %	56.4 %	62.3 %
22. UNIT CAPACITY FACTOR (USING DER NET)	79.2 %	48.3 %	53.4 %
23. UNIT FORCED OUTAGE RATE	0.0 %	42.5 %	26.5 %
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)	9/15/80 - S/G REPLACEMENT OUTAGE REFUELING - 1 YEAR		

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- 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 811
- 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) 775
- 8. IF CHANGES OCCUR IN CAPACITY RATINGS N/A
(ITEMS 3 THROUGH 7) SINCE LAST REPORT. GIVE REASONS

NOTES

- 9. POWER LEVEL TO WHICH RESTRICTED. IF ANY N/A
(NET MWE)
- 10. REASONS FOR RESTRICTIONS. IF ANY N/A

THIS MONTH YR-TO-DATE CUMULATIVE

11. HOURS IN REPORTING PERIOD	744.0	5111.0	63575.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	0.0	34499.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	0.0	33996.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	0.0	79194083.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0.0	0.0	25868844.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0.0	0.0	24536605.0
19. UNIT SERVICE FACTOR	0.0	0.0	53.5 %
20. UNIT AVAILABILITY FACTOR	0.0	0.0	53.5 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	0.0	49.8 %
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	0.0	47.0 %
23. UNIT FORCED OUTAGE RATE	0.0	0.0	21.0 %
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)			

- 25. IF SHUT DOWN AT END OF REPORT PERIOD.
ESTIMATE DATE OF STARTUP

- 26. UNITS IN TEST STATUS FORECAST ACHIEVED
(PRIOR TO COMMERCIAL OPERATION)

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