

## OPERATING DATA REPORT

DOCKET NO. 50-280DATE 6-2-83COMPLETED BY Vivian H. JonesTELEPHONE x 477OPERATING STATUS

1. Unit Name: Surry Unit 1
2. Reporting Period: May 1, 1983 - May 31, 1983
3. Licensed Thermal Power (MWt): 2441
4. Nameplate Rating (Gross MWe): 847.5
5. Design Electrical Rating (Net MWe): 788
6. Maximum Dependable Capacity (Gross MWe): 811
7. Maximum Dependable Capacity (Net MWe): 775
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

N/A

9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_

10. Reasons For Restrictions, If Any: \_\_\_\_\_

Notes

|                                             | This Month   | Yr.-to-Date      | Cumulative         |
|---------------------------------------------|--------------|------------------|--------------------|
| 11. Hours In Reporting Period               | <u>744.0</u> | <u>3623.0</u>    | <u>91511.0</u>     |
| 12. Number Of Hours Reactor Was Critical    | <u>44.1</u>  | <u>953.9</u>     | <u>54865.6</u>     |
| 13. Reactor Reserve Shutdown Hours          | <u>0</u>     | <u>0</u>         | <u>3765.2</u>      |
| 14. Hours Generator On-Line                 | <u>0</u>     | <u>909.8</u>     | <u>53764.5</u>     |
| 15. Unit Reserve Shutdown Hours             | <u>0</u>     | <u>0</u>         | <u>3736.2</u>      |
| 16. Gross Thermal Energy Generated (MWH)    | <u>0</u>     | <u>2108171.0</u> | <u>124788770.9</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>0</u>     | <u>674215.0</u>  | <u>40280258.0</u>  |
| 18. Net Electrical Energy Generated (MWH)   | <u>0</u>     | <u>638780.0</u>  | <u>38199243.0</u>  |
| 19. Unit Service Factor                     | <u>0</u>     | <u>25.1</u>      | <u>58.8</u>        |
| 20. Unit Availability Factor                | <u>0</u>     | <u>25.1</u>      | <u>62.8</u>        |
| 21. Unit Capacity Factor (Using MDC Net)    | <u>0</u>     | <u>22.8</u>      | <u>53.9</u>        |
| 22. Unit Capacity Factor (Using DER Net)    | <u>0</u>     | <u>22.4</u>      | <u>53.0</u>        |
| 23. Unit Forced Outage Rate                 | <u>0</u>     | <u>0</u>         | <u>22.6</u>        |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Fall maintenance -11-11-83 - 10 days.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION