

## OPERATING DATA REPORT

DOCKET NO. 50-280  
 DATE 06-10-85  
 COMPLETED BY V. Jones  
 TELEPHONE 357-3184

OPERATING STATUS

1. Unit Name: <u>Surry Unit 1</u>	Notes _____
2. Reporting Period: <u>05-01-85 to 05-31-85</u>	
3. Licensed Thermal Power (MWt): <u>2441</u>	
4. Nameplate Rating (Gross MWe): <u>847.5</u>	
5. Design Electrical Rating (Net MWe): <u>788</u>	
6. Maximum Dependable Capacity (Gross MWe): <u>820</u>	
7. Maximum Dependable Capacity (Net MWe): <u>781</u>	
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: <u>N/A</u>	

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

	This Month	Yr.-to-Date	Cummulative
11. Hours In Reporting Period	<u>744.0</u>	<u>3623.0</u>	<u>109055.0</u>
12. Number of Hours Reactor Was Critical	<u>412.9</u>	<u>3207.8</u>	<u>67584.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>3774.5</u>
14. Hours Generator On-Line	<u>396.9</u>	<u>3167.3</u>	<u>66176.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>3736.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>928849.5</u>	<u>7228220.1</u>	<u>153242397.2</u>
17. Gross Electrical Energy Generated (MWH)	<u>310025.0</u>	<u>2420390.0</u>	<u>49272353.0</u>
18. Net Electrical Energy Generated (MWH)	<u>294661.0</u>	<u>2301302.0</u>	<u>46713146.0</u>
19. Unit Service Factor	<u>53.4%</u>	<u>87.4%</u>	<u>60.7%</u>
20. Unit Available Factor	<u>53.4%</u>	<u>87.4%</u>	<u>64.1%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>50.7%</u>	<u>81.3%</u>	<u>57.5%</u>
22. Unit Capacity Factor (Using DER Net)	<u>50.3%</u>	<u>80.6%</u>	<u>57.0%</u>
23. Unit Forced Rate	<u>0%</u>	<u>3.32%</u>	<u>19.7%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

8509110399 850715  
 PDR ADOCK 05000280  
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## OPERATING DATA REPORT

DOCKET NO. 50-281  
 DATE 06-10-85  
 COMPLETED BY V. Jones  
 TELEPHONE 357-3184

OPERATING STATUS

1. Unit Name:	<u>Surry Unit 2</u>	Notes
2. Reporting Period:	<u>05-01-85 to 05-31-85</u>	
3. Licensed Thermal Power (MWt):	<u>2441</u>	
4. Nameplate Rating (Gross MWe):	<u>847.5</u>	
5. Design Electrical Rating (Net MWe):	<u>788</u>	
6. Maximum Dependable Capacity (Gross MWe):	<u>811</u>	
7. Maximum Dependable Capacity (Net MWe):	<u>775</u>	
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:	<u>N/A</u>	

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

	This Month	Yr.-to-Date	Cummulative
11. Hours In Reporting Period	<u>744.0</u>	<u>3623.0</u>	<u>105935.0</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>1885.5</u>	<u>67891.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>328.1</u>
14. Hours Generator On-Line	<u>0</u>	<u>1885.5</u>	<u>66793.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>4465212.5</u>	<u>156463617.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1426555.0</u>	<u>50717029.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1353723.0</u>	<u>48070165.0</u>
19. Unit Service Factor	<u>0</u>	<u>52.0 %</u>	<u>63.1 %</u>
20. Unit Available Factor	<u>0</u>	<u>52.0 %</u>	<u>63.1 %</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>48.2 %</u>	<u>58.6 %</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>47.4 %</u>	<u>57.6 %</u>
23. Unit Forced Rate	<u>0</u>	<u>0</u>	<u>14.2 %</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period Estimated Date of Startup: 06-15-85  
 26. Units In Test Status (Prior to Commercial Operation):      Forecast      Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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