

CORRECTED COPY\*  
01/05/90

OPERATING DATA REPORT

DOCKET NO.: 50-281  
DATE: November 7, 1989  
COMPLETED BY: Linda A. Warren  
TELEPHONE: (804)357-3184 x355

OPERATING STATUS

NOTES

1. Unit Name: Surry Unit 2
2. Reporting Period: Oct. 1 - Oct. 31, 1989
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): 820
7. Maximum Dependable Capacity (Net MWe): 781
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: \_\_\_\_\_

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

	<u>THIS MONTH</u>	<u>YTD</u>	<u>CUMULATIVE</u>
11. Hours In Reporting Period	745.0	7296.0	144672.0
12. Number of Hours Reactor Was Critical	275.3	602.4	90296.7 *
13. Reactor Reserve Shutdown Hours	0	0	328.1
14. Hours Generator On-Line	270.5	459.7	88752.7 *
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	550555.5	738311.4 *	207478747.5
17. Gross Electrical Energy Generated (MWH)	180425.0	227150.0	67363394.0
18. Net Electrical Energy Generated (MWH)	170864.0	211695.0	63859073.0
19. Unit Service Factor	36.3%	6.3%	61.3%
20. Unit Available Factor	36.3%	6.3%	61.3%
21. Unit Capacity Factor (Using MDC Net)	29.4%	3.7%	56.6%
22. Unit Capacity Factor (Using DER Net)	29.1%	3.7%	56.0%
23. Unit Forced Rate	63.7% *	55.5% *	15.4%*
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: 11/23/89
26. Unit In Test Status (Prior to Commercial Operation): FORECAST ACHIEVED

INITIAL CRITICALITY \_\_\_\_\_  
INITIAL ELECTRICITY \_\_\_\_\_  
COMMERCIAL OPERATION \_\_\_\_\_

9001230021 900115  
PDR ADOCK 05000280  
R PDC

CORRECTED COPY (12/11/89)\*

UNIT SHUTDOWN AND POWER REDUCTION

REPORT MONTH: October 1989

DOCKET NO.: 50-281  
 UNIT NAME: Surry Unit 2  
 DATE: November 7, 1989  
 COMPLETED BY: L. A Warren  
 TELEPHONE: 804-357-3184 x355

NO.	DATE	TYPE(1)	DURATION (HOURS)	REASON(2)	METHOD OF SHUTTING DOWN REACTOR(3)	LICENSEE EVENT REPORT#	SYSTEM CODE(4)	COMPONENT CODE(5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENT
*	10/01/89	F	4.7	B	4	N/A	TA	TB	Unit was taken off line for turbine balancing; reactor remained critical.
	10/02/89	F	0	A	4	N/A	SJ	MO,P	Ramped down to remove 2-FW-P-1B from service for alignment.
*C-10-3	10/12/89	F	469.8	A	1	89-13	AB	RV	2-RC-SV-2551B leaking by seat. Placed unit in Cold Shutdown - sent three safety valves out for recalibration.

(1)  
 F: Forced  
 S: Scheduled

(2)  
 REASON:  
 A - Equipment Failure (Explain)  
 B - Maintenance or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & License Examination  
 F - Administrative  
 G - Operational Error (Explain)  
 H - Other (Explain)

(3)  
 METHOD:  
 1 - Manual  
 2 - Manual Scram.  
 3 - Automatic Scram.  
 4 - Other (Explain)

(4)  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

(5)  
 Exhibit 1 - Same Source