

NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-361
UNIT NAME SONGS - 2
DATE 10/17/84 (as revised 3/15/84)
COMPLETED BY C. A. Morris
TELEPHONE (714) 492-7700
Ext. 56264

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 2
2. Reporting Period: 1 September 1983 through 30 September 1983
3. Licensed Thermal Power (MWt): 3,390
4. Nameplate Rating (Gross MWe): 1,127
5. Design Electrical Rating (Net MWe): 1,070
6. Maximum Dependable Capacity (Gross MWe): 1,127
7. Maximum Dependable Capacity (Net MWe): 1,070
8. If Changes Occur In Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

NA

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

NA

NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	1296	1296
12. Number Of Hours Reactor Was Critical	690.5	1266.5	1266.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	683.9	1259.9	1259.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,298,632	4,203,841	4,203,841
17. Gross Electrical Energy Generated (MWH)	792,200	1,451,958	1,451,958
18. Net Electrical Energy Generated (MWH)	755,500	1,397,128	1,397,128
19. Unit Service Factor	95.0	97.2	97.2
20. Unit Availability Factor	95.0	97.2	97.2
21. Unit Capacity Factor (Using MDC Net)	98.1	100.8	100.8
22. Unit Capacity Factor (Using DER Net)	98.1	100.8	100.8
23. Unit Forced Outage Rate	5.0	2.8	2.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	18-month surveillance outage, November 15, 1983, 1-month duration.		

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

NA

NA

NA

NA

NA

NA

8403200088 840315
PDR ADOCK 05000361
R PDR

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: September 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1136.67
2	896.44
3	0
4	495.65
5	1124.48
6	1118.75
7	1127.56
8	1121.27
9	1103.46
10	1124.58
11	1176.54
12	1114.79
13	1125.42
14	1115.00
15	1121.67
16	1088.02

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	1112.54
18	1113.33
19	1105.15
20	1120.00
21	1107.42
22	1110.00
23	1090.42
24	1119.06
25	1131.25
26	1107.81
27	1115.83
28	1117.50
29	1110.42
30	1116.88
31	

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1983

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No.	Date	Type 1	Duration (Hours)	Reason 2	Method of Shutting Down 3 Reactor	LER No.	System 4 Code	Component 5 Code	Cause & Corrective Action to Prevent Recurrence
22	830902	F	36.1	H	3	NA	HA	INSTRU	Unit tripped when all of the governor valves closed while the computers which calculate the position of the high pressure turbine governor valves were being synchronized. As corrective action, outputs of the three computing channels were monitored with simulated inputs, and the channel synchronization operation was tested prior to 55% reactor power.

1	2	3	4	5
F-Forced S-Scheduled	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)	Method: 1-Manual 2-Manual Scram. 3-Automatic Scram. 4-Continuation from Previous Month 5-Reduction of 20% or greater in the past 24 hours 6-Other (Explain)	Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)	Exhibit H-Same Source