

# NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-361  
 UNIT NAME SONGS - 2  
 DATE 11/14/84 (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 October 1983 through 31 October 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	745	2041	2041
12. Number Of Hours Reactor Was Critical	707.8	1974.3	1974.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	696.2	1956.1	1956.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,290,487	6,494,328	6,494,328
17. Gross Electrical Energy Generated (MWH)	776,329	2,228,287	2,228,287
18. Net Electrical Energy Generated (MWH)	738,729	2,135,857	2,135,857
19. Unit Service Factor	93.4	95.8	95.8
20. Unit Availability Factor	93.4	95.8	95.8
21. Unit Capacity Factor (Using MDC Net)	92.7	97.8	97.8
22. Unit Capacity Factor (Using DER Net)	92.7	97.8	97.8
23. Unit Forced Outage Rate	6.5	4.2	4.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
16-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

# AVERAGE DAILY UNIT POWER LEVEL

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MONTH: October 1983

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	723.75
2	1039.17
3	1116.67
4	1105.83
5	1110.00
6	1105.83
7	408.06
8	82.77
9	209.60
10	805.23
11	1108.52
12	1105.90
13	1101.58
14	1078.10
15	1106.79
16	1098.88

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	1103.19
18	1105.98
19	1092.69
20	1099.98
21	1085.65
22	1093.56
23	1101.54
24	1098.96
25	1095.00
26	1084.38
27	1091.60
28	1079.08
29	1087.81
30	1116.33
31	1112.92

UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH OCTOBER, 1983

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No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down <sup>3</sup> Reactor	LER No.	System <sup>4</sup> Code	Component <sup>5</sup> Code	Cause & Corrective Action to Prevent Recurrence
23	831007	F	28.9	A	3	83-141	IA	INSTRU	Reactor tripped due to faulty position indication on Control Element Assembly (CEA) 12, which was caused by a failed isolation amplifier card. Same card served CEA 79 during trip on 10/09/83. As corrective action the card was replaced.
24	831009	F	19.8	A	3	83-141	IA	INSTRU	See Cause and Corrective Action for 10/07/83 trip.

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-Continuation from Previous Month 5-Reduction of 20% or greater in the past 24 hours 6-Other (Explain)	4 Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)	5 Exhibit H-Same Source
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