

# NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-361  
UNIT NAME SONGS - 2  
DATE 12/15/83 (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 November 1983 through 30 November 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): NA
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	2761	2761
12. Number Of Hours Reactor Was Critical	331.0	2305.3	2305.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	331.0	2287.1	2287.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,113,802	7,608,130	7,608,130
17. Gross Electrical Energy Generated (MWH)	377,015	2,605,302	2,605,302
18. Net Electrical Energy Generated (MWH)	355,435	2,491,292	2,491,292
19. Unit Service Factor	46.0	82.8	82.8
20. Unit Availability Factor	46.0	82.8	82.8
21. Unit Capacity Factor (Using MDC Net)	46.1	84.3	84.3
22. Unit Capacity Factor (Using DER Net)	46.1	84.3	84.3
23. Unit Forced Outage Rate	2.2	4.2	4.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	NA		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 15 December 1983
26. Units In Test Status (Prior To Commercial Operation):

Forecast      Achieved

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

NA	NA
NA	NA
NA	NA

B403200082 B40315  
PDR ADOCK 05000361  
R PDR

# AVERAGE DAILY UNIT POWER LEVEL

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MONTH: November 1983

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1096.71
2	1103.48
3	1100.35
4	1094.13
5	1079.58
6	1090.33
7	1110.00
8	995.00
9	1072.92
10	1095.83
11	1105.48
12	1096.00
13	1100.67
14	844.23
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	NA

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## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER, 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
25	831114	F	16	G	2	83-151	RB	VALVEX	Reactor manually tripped due to pressurizer pressure and level decreases, after an operator erroneously opened emergency boration valve 2HV-9247. The operator was counseled.
		S	373	F	NA	NA	NA	NA	18-Month Surveillance Outage.

1	2	3	4
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

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