

# NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-361  
 UNIT NAME SONGS - 2  
 DATE 1/16/84 (as re-  
 vised 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 December 1983 through 31 December 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	744	3505	3505
12. Number Of Hours Reactor Was Critical	307.4	2612.7	2612.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	274.6	2561.7	2561.7
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	885,405	8,493,535	8,493,535
17. Gross Electrical Energy Generated (MWH)	306,662	2,911,964	2,911,964
18. Net Electrical Energy Generated (MWH)	284,352	2,775,644	2,775,644
19. Unit Service Factor	36.9	73.1	73.1
20. Unit Availability Factor	36.9	73.1	73.1
21. Unit Capacity Factor (Using MDC Net)	35.7	74.0	74.0
22. Unit Capacity Factor (Using DER Net)	35.7	74.0	74.0
23. Unit Forced Outage Rate	0	3.8	3.8
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: NA

26. Units In Test Status (Prior To Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

NA

NA

NA

NA

NA

NA

8403200077 840315  
 PDR ADOCK 05000361  
 R PDR

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-361

UNIT SONGS - 2

DATE 1/16/84 (as revised)  
3/15/84

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MONTH: December 1983

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	58.42
21	818.96
22	1099.90
23	1106.25
24	1113.23
25	1139.58
26	1166.56
27	1079.90
28	1146.88
29	1203.75
30	1109.50
31	1133.40

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UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH DECEMBER, 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	S	469.4	F	4	NA	NA	NA	18-Month Surveillance Outage.

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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