

NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-361  
 DATE September 1, 1982  
 COMPLETED BY J. S. Iyer  
 TELEPHONE 714/492-7700  
 Ext. 56-208

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 2
2. Reporting Period: August 1, 1982 through August 31, 1982
3. Licensed Thermal Power (MWt): 3390
4. Nameplate Rating (Gross MWe): 1127
5. Design Electrical Rating (Net MWe): 1087
6. Maximum Dependable Capacity (Gross MWe): 1127
7. Maximum Dependable Capacity (Net MWe): 1087
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	<u>744</u>	<u>4727</u>	<u>4727</u>
12. Number Of Hours Reactor Was Critical	<u>231.1</u>	<u>355.1</u>	<u>355.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>0</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>0</u>	<u>0</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>0</u>	<u>0</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None

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	<u>7/17/82</u>	<u>7/26/82</u>
INITIAL ELECTRICITY	<u>9/82</u>	<u>      </u>
COMMERCIAL OPERATION	<u>Under review</u>	<u>      </u>

AVERAGE DAILY UNIT POWER LEVEL

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MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-361

UNIT NAME SONGS-2

DATE September 1, 1982

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REPORT MONTH August

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>1</sup>  
F - Forced  
S - Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>  
Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
Exhibit H - Same Source

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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<u>DATE/TIME</u>	<u>EVENT</u>
August 1, 001	Unit in Mode 2. Reactor critical at $1 \times 10^{-2}\%$ power. Low Power Physics Testing in progress.
August 1, 1139	While attempting to move CEA #57 for symmetry checks it dropped to Lower Electrical Limit (LEL) from 100". CEA #57 declared inoperable at 1148.
August 1, 1224 thru 1243	CEA #46 slipped from 117" to 87" CEA #44 slipped from 110" to 80" CEA # 8 slipped from 48" to LEL.
August 1, 1244	Due to extreme problems with CEDMCS, reactor was manually tripped and unit entered Mode 3.
August 1, 1800	Chemical Spray Tank Level 2T-105 at 65%.
August 2, 0835	Chemical Spray Tank 2T-105 fitting leak repaired.
August 3, 0133	Entered Mode 2.
August 3, 1240	HV-4713 & HV-4706 (Auxiliary Feedwater Valves) declared inoperable due to exceeding response time.
August 3, 1440	Entered Mode 3.
August 3, 1915	Declared HV-4713 operable.
August 3, 1945	Declared HV-4706 operable.
August 4, 0445	Entered Mode 2.
August 4, 0505	Reactor critical.
August 8, 0215	Commenced reactor shutdown to allow timing changes to CEDMCS and voltage adjustments. Entered Mode 3 at 0225.

<u>DATE/TIME</u>	<u>EVENT</u>
August 9, 0540	Entered Mode 2.
August 9, 0600	Reactor critical.
August 11, 1450	Tripped reactor per Low Power Physics Testing, (entered Mode 3).
August 12, 1625	Entered Mode 4. Unit is cooling down to repair pressurizer spray valve packing problems.
August 13, 0422	Entered Mode 5.
August 17, 1600	Packing of pressurizer spray valves completed.
August 21, 0608	Entered Mode 4.
August 24, 1828	Entered Mode 3.
August 28, 1640	Entered Mode 2.
* August 29, 0044	Tripped reactor to verify trip ability operable.
August 29, 0519	Reactor critical.
* August 29, 2330	Tripped reactor.
August 30, 0105	Reactor critical.
August 31, 0001	Unit in Mode 2. Reactor at $6 \times 10^{-2}\%$ power. Low Power Physics Testing in progress.

\* Maintained Mode 2 status per Low Power Physics Test Exemption 3.10.1.

REFUELING INFORMATION

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1. Scheduled date for next refueling shutdown.  
Not yet determined
2. Scheduled date for restart following refueling.  
Not yet determined
3. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?  
Not yet determined  
What will these be?  
Not yet determined
4. Scheduled date for submitting proposed licensing action and supporting information.  
Not yet determined
5. Important licensing considerations associated with refueling, e.g. new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.  
Not yet determined
6. The number of fuel assemblies.
  - a) In the core 217
  - b) In the spent fuel storage pool. -0-
7. Licensed spent fuel storage capacity. 800  
Intended change in spent fuel storage capacity. None
8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity  
Not yet determined

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