

REFUELING INFORMATION

DOCKET NO. 50-206  
UNIT SONGS - 1  
DATE 9/14/1982  
COMPLETED BY M. Speer  
TELEPHONE 714/492-7700 Ext. 264

1. Scheduled date for next refueling shutdown.  
December 1983
2. Scheduled date for restart following refueling.  
March 1984
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 157
  - b) In the spent fuel storage pool. 94
7. Licensed spent fuel storage capacity. 216  
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.  
March 1985

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-206

UNIT SONGS - 1

DATE 9/14/82

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TELEPHONE 714/492-770 Ext. 264

August 1, 0001 Unit is in cold shutdown status for upgrading seismic restraints and to perform miscellaneous maintenance work.

August 13, 1731 South Saltwater pump rotated backward after air supply was opened to discharge POV. Stopped the rotation by closing the POV.

August 19, 0533 Started Auxiliary Saltwater Pump and stopped North Saltwater Pump.

August 19, 0800 North Saltwater Pump motor is cleared to remove the existing noisy motor and replace it with spare motor.

August 19, 1245 Started North Saltwater Pump, stopped Auxiliary Saltwater Pump.

August 30, 1600 Ran RCP A,B,C uncoupled to verify satisfactory motor vibration levels.

August 31, 2400 The unit remains shutdown for upgrading seismic restraints and to perform miscellaneous maintenance.

## NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-206  
 DATE 9/14/82  
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 TELEPHONE 714/492-7700  
 Ext. 264

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 1  
 2. Reporting Period: August 1, 1982 through August 31, 1982  
 3. Licensed Thermal Power (Mwt): 1347  
 4. Nameplate Rating (Gross MWe): 456  
 5. Design Electrical Rating (Net MWe): 436  
 6. Maximum Dependable Capacity (Gross MWe): 456  
 7. Maximum Dependable Capacity (Net MWe): 436  
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:  
NA  


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 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>5,831</u>	<u>139,651</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1,374.2</u>	<u>88,430</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,372.3</u>	<u>84,818.15</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>1,585,041.8</u>	<u>108,263,946.8</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>540,000</u>	<u>37,203,434</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>510,223</u>	<u>34,933,054</u>
19. Unit Service Factor	<u>0</u>	<u>23.53</u>	<u>60.74</u>
20. Unit Availability Factor	<u>0</u>	<u>23.53</u>	<u>60.74</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>20.07</u>	<u>57.37</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>20.07</u>	<u>57.37</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>21.93</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

The current outage began February 27, 1982 and is scheduled for completion  
by November 28, 1982.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 28, 1982

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

	Forecast	Achieved
INITIAL CRITICALITY	<u>_____</u>	<u>_____</u>
INITIAL ELECTRICITY	<u>_____</u>	<u>_____</u>
COMMERCIAL OPERATION	<u>_____</u>	<u>_____</u>

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Enclosure

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-206  
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 TELEPHONE 714/492-7700  
Ext. 264

MONTH August 1982

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	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1982

DOCKET NO. 50-206  
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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
78	02/27/82	S	744	B	1	NA	22	NA	Extended outage to accomplish seismic backfit and miscellaneous maintenance items.

<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 (NURIG-0161)

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