

NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-206
UNIT NAME SONGS - 1
DATE September 11, 1985
COMPLETED BY E. R. Siacor
TELEPHONE (714) 492-7700
Ext. 86223

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 1
2. Reporting Period: August 1985
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
9. Power Level To Which Restricted, If Any (Net MWe): 390
10. Reasons For Restrictions, If Any: Self-imposed power level limit to control steam generator tube corrosion.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.00	5,831.00	159,655.00
12. Number Of Hours Reactor Was Critical	507.28	4,927.64	94,247.02
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	505.97	4,891.27	90,532.14
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	610,758.50	5,881,517.42	115,068,832.72
17. Gross Electrical Energy Generated (MWH)	195,600.00	1,907,400.00	39,118,034.00
18. Net Electrical Energy Generated (MWH)	182,131.00	1,791,932.00	36,974,645.00
19. Unit Service Factor	68.01	83.88	56.70
20. Unit Availability Factor	68.01	83.88	56.70
21. Unit Capacity Factor (Using MDC Net)	56.15	70.48	53.12
22. Unit Capacity Factor (Using DER Net)	56.15	70.48	53.12
23. Unit Forced Outage Rate	0	11.78	21.26
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling, November, 1985, 150-day duration.			

25. If Shutdown At End Of Report Period, Estimated Date of Startup: 9/01/85
26. Units In Test Status (Prior To Commercial Operation): Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

NA	NA
NA	NA
NA	NA

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AVERAGE DAILY UNIT POWER LEVEL

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MONTH: August 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>380.13</u>
2	<u>378.42</u>
3	<u>378.08</u>
4	<u>270.71</u>
5	<u>326.13</u>
6	<u>386.29</u>
7	<u>385.00</u>
8	<u>382.21</u>
9	<u>379.63</u>
10	<u>323.88</u>
11	<u>373.63</u>
12	<u>369.38</u>
13	<u>371.54</u>
14	<u>377.38</u>
15	<u>377.00</u>
16	<u>376.42</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>378.08</u>
18	<u>376.83</u>
19	<u>375.67</u>
20	<u>373.21</u>
21	<u>346.38</u>
22	<u>3.86</u>
23	<u>0.00</u>
24	<u>0.00</u>
25	<u>0.00</u>
26	<u>0.00</u>
27	<u>0.00</u>
28	<u>0.00</u>
29	<u>0.00</u>
30	<u>0.00</u>
31	<u>0.00</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST 1985

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No.	Date	Type	1 Duration (Hours)	2 Reason	3 Method of Shutting Down Reactor	LER No.	System		Component	Cause & Corrective Action to Prevent Recurrence	
							4 Code	4 Code			
89	850804	S	0	B	5	NA	KE	P		Reduced power for inspection of North and South Circulating Water Pumps, cleaning of No. 1 and No. 3 condenser water boxes and Turbine stop valve testing.	
90	850822	S	238.03	B	1	NA	BQ	SHV		Unit taken off line to perform 92-day Safety Injection System Hydraulic Valve Test; repair HV-852A body to bonnet leak and HV-853A seat leakage.	

1 F-Forced S-Scheduled	2 Reason:	3 Method:	4 IEEE Std. 803-1983
	A-Equipment Failure (Explain)	1-Manual	
	B-Maintenance or Test	2-Manual Scram	
	C-Refueling	3-Automatic Scram	
	D-Regulatory Restriction	4-Continuation from Previous Month	
	E-Operator Training & License Examination	5-Reduction of 20% or Greater in the Past 24 Hours	
	F-Administrative	6-Other (Explain)	
	G-Operational Error (Explain)		
	H-Other (Explain)		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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<u>DATE</u>	<u>TIME</u>	<u>EVENT</u>
August 1	0001	Unit is in Mode 1 at 92.5% reactor power. Turbine load is 402 MWe gross.
August 4	0630	Commenced load reduction for inspection of North and South Circulating Water Pumps and cleaning of No. 1 and No. 3 condenser water boxes.
August 4	0812	Reactor power is 54%. Turbine load is 235 MWe gross.
August 4	2210	Commenced repairs to two North Circulating Water Pump suction bell bolts found broken.
August 5	0920	Commenced load increase following completion of repairs to the North Circulating Water Pump.
August 5	1014	Reactor Power is 93%. Turbine load is 407 MWe gross.
August 21	2004	Commenced load reduction for Safety Injection System Hydraulic Valve surveillance testing and repair of HV-852A body to bonnet leak.
August 22	0158	Unit taken off line. Entered Mode 2.
August 22	0317	Entered Mode 3. SIS Hydraulic Valve testing completed satisfactorily.
August 22	2040	Entered Mode 4.
August 23	0043	Entered Mode 5 for repair of HV-852A body to bonnet leak.
August 26	1445	Entered Mode 4 following completion of repairs to HV-852A.
August 26	2300	Entered Mode 3.
August 28	1104	Entered Mode 2.
August 29	1450	Entered Mode 3 for repairs to SIS Hydraulic Valve HV-853A seat leakage.
August 31	2400	Unit is in Mode 3. Commenced preparations for Unit Startup following completion of repairs to HV-853A.

REFUELING INFORMATION

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MONTH: August 1985

1. Scheduled date for next refueling shutdown.

November 1985

2. Scheduled date for restart following refueling.

April 1986

3. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

No

What will these be?

NA

4. Scheduled date for submitting proposed licensing action and supporting information.

NA

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.

NA

6. The number of fuel assemblies.

a) In the core. 157

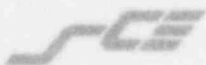
b) In the spent fuel storage pool. 94

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.

February 1988



Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P. O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. E. MORGAN
STATION MANAGER

TELEPHONE
(714) 368-6241

September 11, 1985

Director
Office of Management Information and
Program Control
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Subject: Docket No. 50-206
Monthly Operating Report for August 1985
San Onofre Nuclear Generating Station, Unit 1

Enclosed is the Monthly Operating Report as required by Section 6.9.1.c of
Appendix A, Technical Specifications to Provisional Operating License DPR-13
for San Onofre Nuclear Generating Station, Unit 1.

Please contact us if we can be of further assistance.

Sincerely,

H E Morgan

Enclosures

cc: J. B. Martin (Regional Administrator, USNRC Region V)

F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2 and 3)

INPO Records Center

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