

NRC MONTHLY OPERATING REPORT

DOCKET NO 50-361
 DATE 7/15/83
 COMPLETED BY L. Mayweather
 TELEPHONE 714/492-7700
 EXT 56223

OPERATING STATUS

1. Unit Name San Onofre Nuclear Generating Station, Unit 2
 2. Reporting Period 1 June, 1983 through 30 June, 1983
 3. Licensed Thermal Power (MWt): 3,390
 4. Nameplate Rating (Gross MWe): 1,127
 5. Design Electrical Rating (Net MWe): 1,087
 6. Maximum Dependable Capacity (Gross MWe): 1,127
 7. Maximum Dependable Capacity (Net MWe): 1,087
 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: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4,343	6,803.2
12. Number Of Hours Reactor Was Critical	329.32	1,782.45	2,815.95
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	308.28	1,383.66	2,207.76
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	794,909	2,638,299	3,566,639
17. Gross Electrical Energy Generated (MWH)	259,100	759,300	954,312
18. Net Electrical Energy Generated (MWH)	238,600	655,600	781,620
19. Unit Service Factor	NA	NA	NA
20. Unit Availability Factor	NA	NA	NA
21. Unit Capacity Factor (Using MDC Net)	0	0	0
22. Unit Capacity Factor (Using DER Net)	0	0	0
23. Unit Forced Outage Rate	0	0	0
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 | 7/17/82 | 7/21/82 |
| INITIAL ELECTRICITY | 9/82 | 9/20/82 |
| COMMERCIAL OPERATION | Under review | _____ |

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 PDR ADOCK 05000361
 R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-361

UNIT SONGS-2

DATE 7/15/83

COMPLETED BY L. Mayweather

TELEPHONE 714/492-7700
EXT 56223

MONTH June 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>882.69</u>
2	<u>863.54</u>
3	<u>861.23</u>
4	<u>847.52</u>
5	<u>687.04</u>
6	<u>747.52</u>
7	<u>454.10</u>
8	<u>0</u>
9	<u>0</u>
10	<u>222.52</u>
11	<u>528.25</u>
12	<u>682.5</u>
13	<u>993.5</u>
14	<u>1,011.67</u>
15	<u>1,089.44</u>
16	<u>249.19</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>NA</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 50-36
 UNIT NAME SONGS-2
 DATE July 15, 1983
 COMPLETED BY L. Mayweather
 TELEPHONE 714/492-7700
 Ext. 56223

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
15	830607	F	57.64	G	2	NA	HH	PUMPXX	A loss of main feedwater resulted in a reactor trip. One feedwater control train was in manual while calibrating the flow transmitter. The other train was in automatic which resulted in an increased feedwater demand on the feedwater pump causing a high vibration trip on K-005 feedwater turbine. The other feedwater turbine was tripped in error resulting in a manual reactor trip.
16	830616	F	354.08	G	3	NA	HC	INSTRU	Unit tripped on low vacuum. Turbine low vacuum trip was reset from heat treat mode to normal operating set-point and the condenser had not reached its reset value. Safety injection was initiated although no flow occurred.

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
 9 - Other (Explain)

⁴
 Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NURIG 0161)
 Exhibit H - Same Source

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-361
UNIT SONGS 2
DATE 7 / 15/83
COMPLETED BY L. I. Mayweather
TELEPHONE 714/492-7700
Ext. 56223

June 1, 0001 Unit is in Mode 1 at 80% power. Turbine load is 920 MWe gross.
June 5, 0030 Commenced load reduction in preparation for service and cleaning of condenser water boxes.
June 5, 1235 Reactor power at 60%.
June 5, 1330 Reactor power at 65%.
June 7, 0104 Reactor power at 55%.
June 7, 2013 Manually tripped reactor following loss of main feedwater. One feedwater control train was in manual while calibrating the flow transmitter. The other train was in automatic which resulted in an increased feedwater demand on the feedwater pump causing a high vibration trip on K-005 feedwater turbine. The other feedwater turbine was tripped in error resulting in the manual reactor trip.
June 8, 2300 Entered Mode 2.
June 8, 2315 Reactor critical.
June 9, 0255 Entered Mode 1.
June 9, 0351 Reactor tripped on high steam generator level due to feedwater control system malfunction.
June 9, 1302 Entered Mode 2.
June 9, 1325 Reactor critical.
June 10, 0413 Entered Mode 1.
June 10, 0507 Reactor power at 15%.
June 10, 0551 Unit synchronized.
June 10, 0955 Raised reactor power to 20%, turbine load to 200 MWe gross.
June 11, 0001 Raised reactor power to 55%, turbine load to 525 MWe gross.
June 12, 1900 Reactor power at 80%.
June 12, 2250 Reactor power at 90%, turbine load at 1040 MWe gross.

Summary of Operating Experience
for the Month of June 1983

Page 2 of 2

June 14,	0350	Reduced reactor power to 80% for bumping of circulating water pumps to reduce differential pressure across the condenser water boxes.
June 14,	0840	Raised reactor power to 95%, turbine load to 1105 MWe gross.
June 15,	0727	Raised reactor power to 100%, turbine load to 1160 MWe gross.
June 15,	2242	Commenced heat treating of the outfall.
June 16,	0555	Unit tripped on low vacuum. Turbine low vacuum trip was reset from heat treat mode to normal operating setpoint and the condenser had not reached its reset value. Safety injection was initiated although no flow occurred.
June 16,	1500	Entered Mode 4.
June 17,	1107	Entered Mode 5 and commenced outage activities for replacement of RCP seals.
June 30,	2359	Unit is in Mode 5, 139°F. The RCS is drained to mid.

REFUELING INFORMATION

DOCKET NO.	50-361
UNIT	SONGS 2
DATE	7/15/83
COMPLETED BY	L. I. Mayweather
TELEPHONE	714/492-7700 Ext. 59223

- Scheduled date for next refueling shutdown.
Not yet determined.
- Scheduled date for restart following refueling.
Not yet determined.
- Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?
Not yet determined.
- Scheduled date for submitting proposed licensing action and supporting information.
Not yet determined.
- 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.
- The number of fuel assemblies.
 - In the core. 217
 - In the spent fuel storage pool. 0
- Licensed spent fuel storage capacity. 800
Intended change in spent fuel storage capacity. NA
- Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

NA

NRC MONTHLY OPERATING REPORT

DOCKET NO 50-362
 DATE 7/15/83
 COMPLETED BY L. Mayweather
 TELEPHONE 714/492-7700
 Ext 56223

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 3
 2. Reporting Period: 1 June, 1983 through 30 June, 1983-
 3. Licensed Thermal Power (MWt): 3,390
 4. Nameplate Rating (Gross MWe): 1,127
 5. Design Electrical Rating (Net MWe): 1,087
 6. Maximum Dependable Capacity (Gross MWe): 1,127
 7. Maximum Dependable Capacity (Net MWe): 1,087
 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	4,343	5,471
12. Number Of Hours Reactor Was Critical	0	0	0
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	0	0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	0
17. Gross Electrical Energy Generated (MWH)	0	0	0
18. Net Electrical Energy Generated (MWH)	0	0	0
19. Unit Service Factor	NA	NA	NA
20. Unit Availability Factor	NA	NA	NA
21. Unit Capacity Factor (Using MDC Net)	0	0	0
22. Unit Capacity Factor (Using DER Net)	0	0	0
23. Unit Forced Outage Rate	0	0	0
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):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
Under review	_____
Under review	_____
Under review	_____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-362

UNIT SONGS-3

DATE 7/15/83

COMPLETED BY L. Mayweather

TELEPHONE 714/492-7700
Ext. 56223

MONTH June 1983

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>NA</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 50-36
 UNIT NAME SONGS-3
 DATE July 15, 1983
 COMPLETED BY L. Mayweather
 TELEPHONE 714/492-7700
 Ext.

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

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²
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 Exhibit H Same Source

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

<u>DOCKET NO.</u>	<u>50-362</u>
<u>UNIT</u>	<u>SONGS 3</u>
<u>DATE</u>	<u>7 / 15/1983</u>
<u>COMPLETED BY</u>	<u>L. I. Mayweather</u>
<u>TELEPHONE</u>	<u>714/492-7700</u>
	<u>Ext. 56223</u>

The Unit is in Mode 5 in an extended outage.

REFUELING INFORMATION

DOCKET NO.	50-362
UNIT	SONGS 3
DATE	7/15/83
COMPLETED BY	L. I. Mayweather
TELEPHONE	714/492-7700 Ext. 59223

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 - In the spent fuel storage pool. 0
- Licensed spent fuel storage capacity. 800
Intended change in spent fuel storage capacity. NA
- Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

NA

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

SCE

H. B. RAY
STATION MANAGER

TELEPHONE
(714) 492-7700

July 15, 1983

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

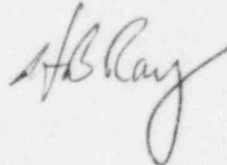
Dear Sir:

Subject: Docket Nos. 50-361/50-362
Monthly Operating Reports for June 1983
San Onofre Nuclear Generating Station, Units 2 and 3

Enclosed are the Monthly Operating Reports as required by Section 6.9.1.10 of Appendix A, Technical Specifications to Facility Operating Licenses NPF-10 and NPF-15 for San Onofre Nuclear Generating Station, Units 2 and 3, respectively.

Please contact us if we can be of further assistance.

Sincerely,



Enclosures

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

A. E. Chaffee (USNRC Resident Inspector, Units 2 and 3)
P. J. Stewart (USNRC Resident Inspector, Units 2 and 3)

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