

NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-361  
 DATE 1 April 1982  
 COMPLETED BY T. Hanaford  
 TELEPHONE 714-492-7700  
 EXT. 704

OPERATING STATUS

1. Unit Name: San Onofre, Unit 2
2. Reporting Period: 1 March 1982-31 March 1982
3. Licensed Thermal Power (MWt): 169.5 MWe
4. Nameplate Rating (Gross MWe): 1127 MWe
5. Design Electrical Rating (Net MWe): 1087 MWe
6. Maximum Dependable Capacity (Gross MWe): 1127 MWe
7. Maximum Dependable Capacity (Net MWe): 1087 MWe
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
N/A

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: Unit is in initial startup phase of testing

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>1056</u>	<u>1056</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>0</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): <u>N/A</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
  26. Units In Test Status (Prior to Commercial Operation):
- |                      | Forecast       | Achieved     |
|----------------------|----------------|--------------|
| INITIAL CRITICALITY  | <u>5/22/82</u> | <u>_____</u> |
| INITIAL ELECTRICITY  | <u>7/11/82</u> | <u>_____</u> |
| COMMERCIAL OPERATION | <u>8/15/82</u> | <u>_____</u> |

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DOCKET NO. 50-361  
UNIT 2  
DATE 4/1/82  
COMPLETED BY T. Hanaford  
TELEPHONE 714-492-7700  
Ext. 704

MONTH March

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

DOCKET NO. 50-361  
 UNIT NAME SONGS 2  
 DATE April 1982  
 COMPLETED BY L. Hanaford  
 TELEPHONE 714-492-7700  
 Ext. 704

REPORT MONTH March

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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<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 (IER) File (NUREG-0161)

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

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-361

UNIT 2

DATE 1 April 1982

COMPLETED BY T. Hanaford

TELEPHONE 714-492-7700 Ext. 704

<u>Date/Time</u>	<u>Event</u>
March 1, 0001	Unit 2 in Mode 6, fuel alignment verification in progress
March 13, 1400	NRC approved setting of Low Temperature Over Pressure Relief valve at 408 psig. Discontinued 12 hour verification of RCS vent path.
March 14, 0525	Lost Shutdown Cooling flow
March 14, 0557	Unusual Event declared due to Loss of Shutdown Cooling
March 14, 0710	Shutdown cooling flow restored.
March 14, 0722	Unusual Event terminated.
March 14, 0915	RCS boron concentration is at 1962 ppm. Prior to event, concentration was at 2004 ppm.
March 14, 1240	NRC notified of RCS dilution event
March 17, 0425	Entered Mode 5.
March 18, 0010	Notified by SCE NQC that a three foot stainless steel ruler was dropped into the reactor vessel through an ICC instrument nozzle.
March 19, 0020	Entered Mode 6.
March 19, 2037	Reactor vessel head lifted and metal ruler removed.
March 20, 2330	Entered Mode 5.

Date/Time

Event

March 31, 2400

Unit 2 in Mode 5. RCS level  
6 3/4" above flange, fill and  
vent in progress. RCS boron  
concentration is at 1875 ppm.

There were no challenges to the safety valves during this reporting period.

REFUELING INFORMATION

DOCKET NO. 50-361

UNIT SONGS 2

DATE 1 April 1982

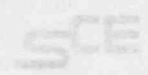
COMPLETED BY T. Hanaford

TELEPHONE 714-492-7700  
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1. Scheduled date for next refueling shutdown.  
Approximately 17 months after start of commercial operation
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. N/A
8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.  
Not yet determined

58A

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. B. RAY  
STATION MANAGER

TELEPHONE  
(714) 492-7700

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

Docket No. 50-361  
San Onofre Unit No. 2

Gentlemen:

Enclosed is the data required by Technical Specification Section 6.9.1.10  
for the San Onofre Nuclear Generating Station, Unit 2.

Please contact us if we can be of further assistance.

Sincerely,

Enclosures

cc: Director, Region V  
Office of Inspection and Enforcement  
A. Chaffee - USNRC Inspector, Unit 2

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