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NRC MONTHLY OPERATING REPORT

DOCKET NO: 50-206
UNIT NAME: SONGS - 1
DATE: 2/16/93
COMPLETED BY: J. L. Darling
TELEPHONE: (714) 368-6223

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 1
 2. Reporting Period: January 1993
 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: _____
 9. Power Level To Which Restricted, If Any (Net MWe): See Item 10
 10. Reasons For Restrictions, If Any: Power level reduction from full power as a result of a self-imposed reduced operating temperature to retard Steam Generator tube corrosion rate.
- | | This Month | Yr.-to-Date | Cumulative |
|--|------------|-------------|----------------|
| 11. Hours In Reporting Period | 744.00 | 744.00 | 219,909.00 |
| 12. Number Of Hours Reactor Was Critical | 0.00 | 0.00 | 129,980.09 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 14. Hours Generator On-Line | 0.00 | 0.00 | 126,040.52 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 0.00 |
| 16. Gross Thermal Energy Generated (MWH) | 0.00 | 0.00 | 158,041,722.52 |
| 17. Gross Electrical Energy Generated (MWH) | 0.00 | 0.00 | 52,949,635.00 |
| 18. Net Electrical Energy Generated (MWH) | (2155.00) | (2155.00) | 49,940,632.00 |
| 19. Unit Service Factor * | NA | NA | 57.71% |
| 20. Unit Availability Factor * | NA | NA | 57.71% |
| 21. Unit Capacity Factor (Using MDC Net) * | NA | NA | 52.45% |
| 22. Unit Capacity Factor (Using DER Net) * | NA | NA | 52.45% |
| 23. Unit Forced Outage Rate * | NA | NA | 17.90% |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |
| <u>On November 30, 1992 SONGS 1 was permanently shutdown.</u> | | | |
| 25. If Shutdown At End Of Report Period, Estimated Date of Startup: | NA | | |
| 26. Units In Test Status (Prior To Commercial Operation): | Forecast | Achieved | |

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

mor. jan/2

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AVERAGE DAILY UNIT POWER LEVEL

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DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0.00</u>
2	<u>0.00</u>
3	<u>0.00</u>
4	<u>0.00</u>
5	<u>0.00</u>
6	<u>0.00</u>
7	<u>0.00</u>
8	<u>0.00</u>
9	<u>0.00</u>
10	<u>0.00</u>
11	<u>0.00</u>
12	<u>0.00</u>
13	<u>0.00</u>
14	<u>0.00</u>
15	<u>0.00</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

16	<u>0.00</u>
17	<u>0.00</u>
18	<u>0.00</u>
19	<u>0.00</u>
20	<u>0.00</u>
21	<u>0.00</u>
22	<u>0.00</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: January 1993DOCKET NO: 50-206UNIT NAME: SONGS - 1DATE: 2-16-93COMPLETED BY: J. L. DarlingTELEPHONE: (714) 368-6223

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	LER No.	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
157	921128	S	744	H	1	NA	NA	NA	See note below

Note: Unit was shut down following completion of cycle 11. The shutdown commenced at 1900 on 11/28/92 and was completed at 0501 on 11/30/92. The Unit will not resume operation.

¹F-Forced
S-Scheduled

²Reason:
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)

³Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Continuation from
Previous Month
5-Reduction in the Average
Daily Power Level of more
than 20% from the previous day
6-Other (Explain)

⁴IEEE Std 805-1984

⁵IEEE Std 803A-1983

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SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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<u>Date</u>	<u>Time</u>	<u>Event</u>
01/01/93	0001	Unit began the month in Mode 5.
01/31/93	2400	Unit ended the month in Mode 5.

REFUELING INFORMATION

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MONTH: January 1993

1. Scheduled date for next refueling shutdown.

Unit permanently shutdown on November 30, 1992

2. Scheduled date for restart following refueling.

None.

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

Operation will not be resumed. A Possession Only License was issued on October 23, 1992, which will become effective when the NRC is notified that all fuel has been offloaded from the core. It is anticipated that the reactor will be defueled in mid-March. Permanently Defueled Technical Specifications are in the process of being developed.

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

Not yet determined.

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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 applicable.

6. The number of fuel assemblies.

- a) In the core. 157
b) In the spent fuel storage pool. 78

7. Licenced 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.

During January, 21 fuel assemblies were transhipped to the Unit 3 spent fuel pool. An additional 28 assemblies are scheduled to be transhipped to Unit 3 in February to make room for complete core off load scheduled to begin in February 1993. The spent fuel storage pool will be filled to essentially 100% capacity after core offload.