NRC MONTHLY OPERATING REPORT

DOCKET NO 50-361
DATE 14 January 1983
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 December 1982 through 31 December 1982
3. Licensed Thermal Power (MWt): 3390
4. Nameplate Rating (Gross MWe): 1127
5. Design Electrical Rating (Net MWe): 1087
6. Maximum Dependable Capacity (Gross MWe): 1127
7. Maximum Dependable Capacity (Net MWe): 1087
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	744	7,656	7,656
12. Number Of Hours Reactor Was Critical	297	1,762	1,762
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	269	824	824
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	474,700	964,700	964,700
17. Gross Electrical Energy Generated (MWH)	128,600	195,000	195,000
18. Net Electrical Energy Generated (MWH)	108,620	126,020	126,020
19. Unit Service Factor	NA	NA	NA
20. Unit Availability Factor	NA	NA	NA
21. Unit Capacity Factor (Using MDC Net)	NA	NA	NA
22. Unit Capacity Factor (Using DER Net)	NA	NA	NA
23. Unit Forced Outage Rate	NA	NA	NA

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:

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

	Forecast	Achieved
INITIAL CRITICALITY	7/17/82	7/26/82
INITIAL ELECTRICITY	9/82	9/20/82
COMMERCIAL OPERATION	Under review	

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-361
UNIT SONGS-2
DATE 14 January 1983
COMPLETED BY L. Mayweather
TELEPHONE 714/492-7700 Ext. 56223

MONTH DECEMBER 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	245	17	0
2	447	18	0
3	440	19	0
4	430	20	0
5	458	21	0
6	442	22	0
7	454	23	0
8	437	24	0
9	446	25	0
10	463	26	0
11	433	27	0
12	122	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER 1982

DOCKET NO. 50-361
UNIT NAME SONGS - 2
DATE 14 January 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
1	12/12/82	F	447	A	3	82-168	IA	INSTRU	Trip on high LPD/low DNBR signal caused by faulty reed switch. Faulty reed switch replaced. Unit remained down for repair of RCP seals and turbine valves.

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-Other (Explain)

4
Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

5
Exhibit H Same Source

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-361
UNIT SONGS - 2
DATE 14January1983
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TELEPHONE 714/492-7700 Ext.56223

December 1	0001	Unit in Mode 1 and power is approximately 12%.
December 1	0333	Synchronized generator and applied block load of 100 MWe gross.
December 1	0345	Raised reactor power to 25%.
December 1	0425	Raised turbine load to 170 MWe gross.
December 1	1120	Reactor power at 50% and turbine load approximately 500 MWe gross. Testing at 50% power began.
December 12	0801	Reactor trip caused by high LPD/low DNBR signal resulting from faulty reed switch. Cooldown to Mode 5 in progress for RCP seal and turbine valve work.
December 13	0830	Entered Mode 4.
December 13	1325	Entered Mode 5.
December 27	2130	Entered Mode 4. All outage activities completed.
December 29	1530	Entered Mode 3.
December 30	2240	Entered Mode 2.
December 30	2255	Reactor critical.
December 31	0200	Reactor power at 1%.
December 31	2359	Reactor power at 1% and preparations to raise power to 50% for resumption of testing.

REFUELING INFORMATION

DOCKET NO 50-361

UNIT SONGS - 2

DATE 14 January 1983

COMPLETED BY L. Mayweather

TELEPHONE 714/492-7700 Ext. 56223

1. Scheduled date for next refueling shutdown.

   Not yet determined.

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. NA

8. 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 14 January 1983
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 December 1982 through 31 December, 1982.
3. Licensed Thermal Power (MWt): 169.5
4. Nameplate Rating (Gross MWe): 1127
5. Design Electrical Rating (Net MWe): 1087
6. Maximum Dependable Capacity (Gross MWe): 1127
7. Maximum Dependable Capacity (Net MWe): 1087
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: Unit is still in initial startup phase of testing.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	1128	1128
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)	NA	NA	NA
22. Unit Capacity Factor (Using DER Net)	NA	NA	NA
23. Unit Forced Outage Rate	NA	NA	NA

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	Under Review	
INITIAL ELECTRICITY	Under Review	
COMMERCIAL OPERATION	Under Review	

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-362
UNIT SONGS - 3
DATE 14 January 1982
COMPLETED BY L. Mayweather
TELEPHONE 714/492-7700
Ext. 56223

MONTH DECEMBER 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-362
UNIT NAME SONGS - 3
DATE 14 January 1983
COMPLETED BY L. Mayweather
TELEPHONE 714/492-7700 Ext. 56223

REPORT MONTH DECEMBER 1982

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	

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-Other (Explain)

4
Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit H-Same Source

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-362

UNIT SONGS - 3

DATE 14 January 1983

COMPLETED BY L. Mayweather

TELEPHONE 714/492-7700 Ext.56223

December 1	0001	Unit in Mode 5. Post core hot functional testing in progress.
December 9	1325	Completed venting reactor coolant pump seals.
December 10	0015	Completed venting reactor head.
December 10	2230	Completed main generator leak test.
December 12	2200	Completed filling steam generators to 95% (narrow range).
December 31	2359	Unit in Mode 5, 180°F. Preparations for Mode 4 entry in progress.

REFUELING INFORMATION

DOCKET NO. 50-362

UNIT SONGS - 3

DATE 14 January 1983

COMPLETED BY L. Mayweather

TELEPHONE 714/492-7700

Ext. 56223

1. Scheduled date for next refueling shutdown.

   Not yet determined.

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. NA

8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

   NA