NRC MONTHLY OPERATING REPORT

DOCKET NO 50-361
DATE
COMPLETED BY S. Vittum
TELEPHONE 714/492-7700
Ext. 59-226

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 2
2. Reporting Period: 1 September through 30 September 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):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	5447	5447
12. Number Of Hours Reactor Was Critical	416	771	771
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	9	9	9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	43121	43121	43121
17. Gross Electrical Energy Generated (MWH)	1500	1500	1500
18. Net Electrical Energy Generated (MWH)	0	0	0
19. Unit Service Factor	3.6%	3.6%	3.6%
20. Unit Availability Factor	3.6%	3.6%	3.6%
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):

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

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MONTH September

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	NA
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH _____

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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	9/22/82	S	210	B	1	NA	CA	VALVEX	Shutdown to repair packing leak in Pressurizer Spray 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

PSSO(1) 371 NEW 8/78

REFUELING INFORMATION

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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

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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September 1, 0001 Reactor startup is in progress in Mode 2 per. Tech. Spec. 3.10.2 Special Test Exemption. R.C.S. is at normal operating temperature and pressure. Low Power Physics testing is in progress.

September 1, 0129 Reactor Critical

September 6, 0332 Stopped all Reactor Coolant Pumps per the Natural Circulation Test.

September 6, 0335 Reactor tripped due to low flow on both Steam Generators, all four channels. Entered Mode 3.

September 6, 1820 Reactor Critical.

September 7, 0445 Manually tripped reactor per Natural Circulation Test. Entered Mode 3.

September 10, 0225 Reactor Critical.

September 16, 0745 Reactor tripped on #2 Steam Generator hi level. Initiated emergency plant shutdown.
1616 Entered Mode 2. At 1724 reactor critical.

September 17, 0350 Reactor tripped due to high Steam Generator level on 2E-088. Initiated emergency plant shutdown. At 1041 Entered Mode 2. At 1105 reactor critical. At 2325 Entered Mode 1.

September 18, 0130 Main Feedwater Pump 2P-062 tripped on low N.P.S.H. Reduced power to 1%. At 1730 entered Mode 1.

September 19, 0920 Entered Mode 2 due to feedwater fluctuations. At 0945 entered Mode 1, feedwater and steam bypass control is in manual. 1115 Reduced reactor power to 3% due to high iron in steam generator - 11 ppm. At 1215 transferred steam generator feed to Auxiliary Feedwater Pumps 2P-141 and 2P-504 running. At 1210 re-entered Mode 2 and at 2200 re-entered Mode 1.

September 20, 0655 Arrived at 15% power. 1231 Synchronization to electrical grid was completed.. At 2145 Entered Mode 2.

September 21, 0813 Entered Mode 1.

September 22, 0107 Entered Mode 2, unit is depressurizing and cooling to enter a preliminary outage.

September 22, 0720 Entered Mode 3. At 2105 Entered Mode 4.

September 23, 0545 Entered Mode 5.

September 30, 2359 Unit is in Mode 5. The RCS is drained to -72" below reactor vessel flange. Outage work is in progress.