Southern California Edison Company
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IRVINE, CALIFORNIA 92718

July 11, 1991

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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Docket No. 50-206
Monthly Operating Report for June 1991
San Onofre Nuclear Generating Station, Unit 1

Technical Specification 6.9.1.10 to Provisional Operating License DPR-13 for the San Onofre Nuclear Generating Station, Unit 1, requires SCE provide a Monthly Operating Report which includes routine operating statistics, shutdown experience, all challenges to pressurizer safety and relief valves.

This letter transmits the June 1991 Monthly Operating Report for Unit 1. There were no challanges to pressurizer safety or relief valves during this reporting period.

If you require any additional information, please let me know.

Very truly yours,

Enclosures

cc: G. Kalman, NRR, SONGS Project Manager
J. O. Bradfute, NRC Project Manager, San Onofre Unit 1
J. B. Martin, Regional Administrator, USNRC Region V
C. W. Caldwell, USNRC Senior Resident Inspector, Units 1, 2 and 3

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NRC MONTHLY OPERATING REPORT

DOCKET NO: 50-206
UNIT NAME: SONGS - 1
DATE: July 11, 1991
COMPLETED BY: S. L. Vittum
TELEPHONE: (714) 368-9230

OPERATING STATUS

1. Unit Name: San Onofre Nuclear Generating Station, Unit 1
2. Reporting Period: June 1991
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: NA
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 corossion rate.

		This Month	Yr.-to-Date	Cumulative
11.	Hours In Reporting Period	720.00	4,343.00	205,964.00
12.	Number Of Hours Reactor Was Critical	614.73	1,511.64	117,678.34
13.	Reactor Reserve Shutdown Hours	0.00	0.00	0.00
14.	Hours Generator On-Line	605.93	1,455.59	113,811.97
15.	Unit Reserve Shutdown Hours	0.00	0.00	0.00
16.	Gross Thermal Energy Generated (MWH)	727,753.40	1,633,416.40	143,072,918.01
17.	Gross Electrical Energy Generated (MWH)	231,600.00	531,000.00	48,206,344.00
18.	Net Electrical Energy Generated (MWH)	215,656.00	483,789.00	45,477,435.00
19.	Unit Service Factor	84.16%	33.52%	55.26%
20.	Unit Availability Factor	84.16%	33.52%	55.26%
21.	Unit Capacity Factor (Using MDC Net)	68.70%	25.55%	50.64%
22.	Unit Capacity Factor (Using DER Net)	68.70%	25.55%	50.64%
23.	Unit Forced Outage Rate	0.00%	2.58%	19.37%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

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	NA	NA
INITIAL ELECTRICITY	NA	NA
COMMERCIAL OPERATION	NA	NA

AVERAGE DAILY UNIT POWER LEVEL

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MONTH: June 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	378.83	17	373.54
2	372.54	18	364.08
3	373.54	19	362.33
4	375.79	20	362.46
5	373.83	21	370.42
6	374.83	22	369.83
7	377.00	23	370.13
8	376.88	24	329.63
9	376.88	25	0.00
10	376.46	26	0.00
11	374.50	27	0.00
12	373.58	28	0.00
13	373.21	29	0.00
14	372.79	30	134.58
15	373.71		
16	365.96		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: June 1991

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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
143	06-24-91	S	114.04	A	1	NA	SJ	SHV	Unit shutdown to investigate indications of Instrument Air System leakage into the Containment and repair of the West Feedwater Discharge Valve.

[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 in the Average Daily Power Level of more than 20% from the previous day
6-Other (Explain)

[4]IEEE Std 805-1984

[5]IEEE Std 803A-1983

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SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

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Date	Time	Event
06-24-91	2100	Commenced Unit shutdown to mode 3.
06-25-91	0153	Unit of line.
	0154	Unit entered mode 2.
	0205	Unit entered mode 3.
	0223	Reactor trip breakers opened.
06-28-91	0755	Unusual event declared due to seismic activity.
	0902	Unusual event terminated.
06-29-91	1101	Unit entered mode 2.
	1121	Unit reactor critical.
	1504	Unit entered mode 1.
	1957	Unit on line at 25 MWe.
06-30-90	0155	Unit load at 150 MWe,

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REFUELING INFORMATION

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MONTH: June 1991

1. Scheduled date for next refueling shutdown.

   November 1992

2. Scheduled date for restart following refueling.

   Restart from the Cycle 12 refueling outage is forecast for April 1993.

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

   Yes for Cycle 12 refueling.

   What will these be?

   Licensing Amendment associated with the Control Room HVAC.

   Licensing Amendment assosciated with the Reactor Vessel level monitoring system.

   Licensing Amendment associated with modifications to the Degraded Grid Voltage protection scheme which will be modified during the outage.

   Licensing Amendment associated with the Safety Injection and Recirculation System.

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

   Not yet determined. Under evaluation.

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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 yet determined. Under evaluation.

6. The number of fuel assemblies.

   a) In the core. 157

   b) In the spent fuel storage pool. 99

7. Licensed 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.

   Approximately 1995 (refueling only)
   Approximately 1991 (full off load capability)

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