

December 13, 2000

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

Subject: **Docket Nos. 50-361 and 50-362**  
**Monthly Operating Reports for November 2000**  
**San Onofre Nuclear Generating Station, Units 2 and 3**

Gentlemen:

Technical Specification 5.7.1.4 of Facility Operating Licenses NPF-10 and NPF-15 for the San Onofre Nuclear Generating Station, Units 2 and 3, respectively, requires Southern California Edison to provide a Monthly Operating Report (MOR) of operating statistics and shutdown experience, including documentation of all challenges to pressurizer safety valves, for each unit. Attachments 1 and 2 provide the subject Monthly Operating Reports for Units 2 and 3, respectively. There were no challenges to pressurizer safety valves for either Unit 2 or 3.

If you have any questions, please contact Mr. Clay E. Williams at (949) 368-6707.

Sincerely,



Attachments 1 & 2

cc: E. W. Merschoff, Regional Administrator, NRC Region IV  
L. Raghavan, NRC Project Manager, San Onofre Units 2 & 3  
J. A. Sloan, NRC Senior Resident Inspector, San Onofre Unit 2 & 3

**Attachment 1**

**NRC Monthly Operating Report, November 2000**

**San Onofre Nuclear Generating Station, Unit 2**

USNRC MONTHLY OPERATING REPORT  
 SAN ONOFRE NUCLEAR GENERATING STATION  
 UNIT 2  
 November 2000

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: December 13, 2000  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 2 of 5

OPERATING DATA REPORT

1	Design Electrical Rating (Net MWe)	1070
2	Maximum Dependable Capacity (Gross MWe)	1127
3	Maximum Dependable Capacity (Net MWe)	1070

		This Month*	Yr-to-Date*	Cumulative*
4	Number of Hours in Period	720	8,040	151,561
5	Number of Hours Reactor Was Critical	371	7,102	120,088
6	Hours Generator On-line	344	7,074	118,359
7	Unit Reserve Shutdown Hours	0	0	0
8	Net Electrical Energy Generated (MWh)	294,597	7,727,022	125,603,810

\*Rounded

**USNRC MONTHLY OPERATING REPORT**  
**SAN ONOFRE NUCLEAR GENERATING STATION**  
**UNIT 2**  
**November 2000**

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: December 13, 2000  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 3 of 5

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2000-01
Date	00/10/07
Type (1)	S
Duration (Hours)	376
Reason (2)	C
Method of shutting down reactor (3)	2
LER No.	N/A
System Code (4)	N/A
Component Code (5)	N/A
Cause and corrective action to prevent recurrence	N/A

(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

**USNRC MONTHLY OPERATING REPORT**  
**SAN ONOFRE NUCLEAR GENERATING STATION**  
**UNIT 2**  
**November 2000**

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: December 13, 2000  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 4 of 5

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2000-02
Date	00/11/23
Type (1)	F
Duration (Hours)	177
Reason (2)	A
Method of shutting down reactor (3)	N/A
LER No.	N/A
System Code (4)	BI
Component Code (5)	P
Cause and corrective action to prevent recurrence	One of the coils had a phase to ground fault. Coil was disconnected and jumpered.

(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

**USNRC MONTHLY OPERATING REPORT**  
**SAN ONOFRE NUCLEAR GENERATING STATION**  
**UNIT 2**  
**November 2000**

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: December 13, 2000  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 5 of 5

**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
11/01/00	0001	Unit in Mode 5
11/12/00	1813	Unit entered Mode 4
11/13/00	2222	Unit entered Mode 3
11/15/00	1211	Unit entered Mode 2
11/16/00	0948	Unit entered Mode 1
	1559	Unit synchronized to grid
11/18/00	2030	Unit at 100 % Reactor Power
11/23/00	1505	Initiated Reactor Power reduction to 75%
	1730	Unit at 75% Reactor Power
11/29/00	1845	Commenced Reactor Power increase to 80%
	2100	Unit at 80% Reactor Power
11/30/00	2400	Mode 1, 79.5% Reactor Power, 909 MWE

**Attachment 2**

**NRC Monthly Operating Report, November 2000**

**San Onofre Nuclear Generating Station, Unit 3**

USNRC MONTHLY OPERATING REPORT  
 SAN ONOFRE NUCLEAR GENERATING STATION  
 UNIT 3  
 November 2000

Docket No: 50-362  
 Unit Name: SONGS - 3  
 Date: December 13, 2000  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 2 of 4

OPERATING DATA REPORT

1	Design Electrical Rating (Net MWe)	1080
2	Maximum Dependable Capacity (Gross MWe)	1127
3	Maximum Dependable Capacity (Net MWe)	1080

		This Month*	Yr-to-Date*	Cumulative*
4	Number of Hours in Period	720	8,040	146,112
4	Number of Hours Reactor Was Critical	720	8,040	120,877
5	Hours Generator On-line	720	8,040	118,895
6	Unit Reserve Shutdown Hours	0	0	0
7	Net Electrical Energy Generated (MWh)	795,266	8,862,711	124,937,450

\*Rounded

**USNRC MONTHLY OPERATING REPORT**  
**SAN ONOFRE NUCLEAR GENERATING STATION**  
**UNIT 3**  
**November 2000**

Docket No: 50-362  
 Unit Name: SONGS - 3  
 Date: December 13, 2000  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 3 of 4

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	None
Date	N/A
Type (1)	N/A
Duration (Hours)	N/A
Reason (2)	N/A
Method of shutting down reactor (3)	N/A
LER No.	N/A
System Code (4)	N/A
Component Code (5)	N/A
Cause and corrective action to prevent recurrence	N/A

(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

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
November 2000**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: December 13, 2000  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 4 of 4

**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
11/01/00	0001	Mode 1, 99.9% Reactor Power, 1155 MWe
11/30/00	2400	Mode 1, 99.8% Reactor Power, 1165 MWe