

March 13, 2001

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

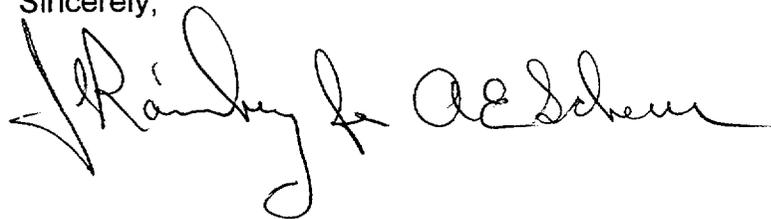
Subject: **Docket Nos. 50-361 and 50-362**  
**Monthly Operating Reports for February 2001**  
**San Onofre Nuclear Generating Station, Units 2 and 3**

Gentlemen:

As required by Technical Specification 5.7.1.4 of Facility Operating Licenses NPF-10 and NPF-15, this letter provides the Monthly Operating Report for San Onofre Nuclear Generating Station, Units 2 and 3. This report is required to provide the operating statistics, shutdown experience, and documentation of all challenges to pressurizer safety valves, for each unit. Attachments 1 and 2 provide the subject report 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

IE24

**Attachment 1**

**NRC Monthly Operating Report, February 2001**

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

**USNRC MONTHLY OPERATING REPORT  
 SAN ONOFRE NUCLEAR GENERATING STATION  
 UNIT 2  
 February 2001**

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: March 13, 2001  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 2 of 4

**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	672	1,416	153,721
5	Number of Hours Reactor Was Critical *	672	1,416	122,248
6	Hours Generator On-line *	672	1,416	120,519
7	Unit Reserve Shutdown Hours *	0	0	0
8	Net Electrical Energy Generated (MWh) *	750,357	1,583,056	127,984,049

\*Rounded

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
February 2001**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: March 13, 2001  
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 2  
February 2001

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: March 13, 2001  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 4 of 4

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

Date	Time	Event
02/01/01	0001	Mode 1, 99.9% Reactor Power, 1171 MWe.
02/28/01	2400	Mode 1, 99.9% Reactor Power, 1176 MWe.

**Attachment 2**

**NRC Monthly Operating Report, February 2001**

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

**USNRC MONTHLY OPERATING REPORT**  
**SAN ONOFRE NUCLEAR GENERATING STATION**  
**UNIT 3**  
**February 2001**

Docket No: 50-362  
 Unit Name: SONGS - 3  
 Date: March 13, 2001  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 2 of 5

**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	672	1,416	148,272
4	Number of Hours Reactor Was Critical *	63	110	121,731
5	Hours Generator On-line *	11	47	119,686
6	Unit Reserve Shutdown Hours *	0	0	0
7	Net Electrical Energy Generated (MWh) *	0	22,055	125,730,558

\*Rounded

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
February 2001**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: March 13, 2001  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 3 of 5

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2001-01
Date	01/01/02
Type (1)	S
Duration (Hours)	53
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 3  
February 2001**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: March 13, 2001  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 4 of 5

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2001-02
Date	01/02/03
Type (1)	F
Duration (Hours)	609
Reason (2)	A
Method of shutting down reactor (3)	3
LER No.	3-2001-001
System Code (4)	EA
Component Code (5)	BKR
Cause and corrective action to prevent recurrence	LER 3-2001-001 01/04/04

- (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  
February 2001**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: March 13, 2001  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 5 of 5

**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
02/01/01	0001	Unit in Mode 2.
02/02/01	1330	Unit entered Mode 1.
02/03/01	0435	Main turbine generator synchronized and block loaded to the grid after repair of the turbine over speed trip ring.
	0700	Commenced reactor power increase at 3% per hour after completing physics testing at 20% power.
	1514	Unit reactor tripped after non-1E electrical transient. Unit lost all off site power.
	1517	Control room operators manually initiated emergency feed water actuation (EFAS 1 and 2) due to loss of main feed water.
	1518	Unit lost control room annunciators, plant monitoring system remained in service.
	1519	Fire reported in 30 foot, non-1E 4 Kv switchgear room.
	1527	Unusual event declared (Emergency Plan Tab E1-1) for the fire in the 30-foot, 4 Kv switchgear room.
	1532	Unit annunciators restored.
	1548	Control room noted that the main turbine direct current oil pump was not running. Main turbine coasted to a stop without oil lubrication.
	1548	NRC Red Phone report made due to unusual event declaration.
	1620	Unusual event closed out after receiving a report that the fire in the 30-foot switchgear room was out.
02/04/01	0100	Commenced reactor coolant system cool down to mode 5.
	0501	Unit entered mode 4.
02/05/01	0257	Unit entered mode 5.
02/28/01	2400	Mode 5. Shutdown cooling in service, RCS at 147.2 F (T-cold) with RCS pressure at 348 psia.