

April 15, 2002

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

Subject: **Docket Nos. 50-361 and 50-362**  
**Monthly Operating Reports for March 2002**  
**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  
A. B. Wang, NRC Project Manager, San Onofre Units 2 & 3  
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 & 3

**Attachment 1**

**NRC Monthly Operating Report, March 2002**

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

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
March 2002**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: Apr. 15, 2002  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**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	744	2,160	163,225
5	Number of Hours Reactor Was Critical *	744	2,160	131,548
6	Hours Generator On-line *	744	2,160	129,801
7	Unit Reserve Shutdown Hours *	0	0	0
8	Net Electrical Energy Generated (MWh) *	842,031	2,444,570	138,337,586

\*Rounded

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
March 2002**

Docket No: 50-361  
Unit Name: SONGS - 2  
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**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  
March 2002**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: Apr. 15, 2002  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
03/01/02	0001	Mode 1, 99.8% <sup>(1)</sup> Reactor Power, 1184 MWe.
03/31/02	2400	Mode 1, 99.8% <sup>(1)</sup> Reactor Power, 1187 MWe.

(1) 100% power equals 3438 MWt as revised by License Amendment approved on July 19, 2001.

**Attachment 2**

**NRC Monthly Operating Report, March 2002**

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

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
March 2002**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: Apr. 15, 2002  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**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	744	2,160	157,776
5	Number of Hours Reactor Was Critical *	707	2,086	128,977
6	Hours Generator On-line *	679	2,058	126,878
7	Unit Reserve Shutdown Hours *	0	0	0
8	Net Electrical Energy Generated (MWh) *	744,073	2,285,142	133,672,930

\*Rounded

**USNRC MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
March 2002**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: Apr. 15, 2002  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2002-01
Date	02/02/27
Type (1)	F
Duration (Hours)	65
Reason (2)	H – Error during 230KV switchyard breaker testing resulted in isolation of Unit 3 from the grid, and subsequent unit trip.
Method of shutting down reactor (3)	3
LER No.	3-2002-001
System Code (4)	FK
Component Code (5)	RLY
Cause and corrective action to prevent recurrence	LER to be submitted by 02/04/29.

(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)  
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(4) IEEE Std 805-1984

(5) IEEE Std 803A-1983



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SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
03/01/02	0001	Unit in Mode 3
03/02/02	1125	Unit entered Mode 2
	1309	Reactor Critical
03/03/02	1024	Unit entered Mode 1
	1642	Synchronized the main turbine to the grid and applied block load
03/05/02	0030	Unit at full load 99.8% Reactor Power, 1162 MWe
03/31/02	2400	Mode 1, 99.85% <sup>(1)</sup> Reactor Power, 1172 MWe.

(1) 100% power equals 3438 MWt as revised by License Amendment approved on July 19, 2001.