

November 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 October 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  
J. N. Donohew, NRC Project Manager, San Onofre Units 2 & 3  
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 & 3

IE24

**Attachment 1**

**NRC Monthly Operating Report, October 2001**

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

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

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: Nov. 13, 2001  
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	745	7,296	159,601
5	Number of Hours Reactor Was Critical *	541	7,092	127,924
6	Hours Generator On-line *	523	7,074	126,177
7	Unit Reserve Shutdown Hours *	0	0	0
8	Net Electrical Energy Generated (MWh) *	556,742	7,844,760	134,245,753

\*Rounded

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

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: Nov. 13, 2001  
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Telephone: (949) 368-6707  
Page 3 of 4

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2001-02
Date	01/10/13
Type (1)	S
Duration (Hours)	222
Reason (2)	A
Method of shutting down reactor (3)	1
LER No.	N/A
System Code (4)	SB
Component Code (5)	MSR
Cause and corrective action to prevent recurrence	Pending Completion of Evaluation.

(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  
October 2001**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: Nov. 13, 2001  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
10/01/01	0001	Mode 1, 98.5% <sup>(1)</sup> Reactor Power, 1170 MWe.
10/13/01	1900	Started Plant Shutdown to repair Moisture Separator Reheater 2ME112.
	2251	Tripped Main Turbine commenced Main Steam Reheater repair outage.
	2259	Manually tripped Reactor – Unit entered Mode 3.
10/14/01	0356	Unit entered Mode 4.
	1616	Unit entered Mode 5.
10/20/01	1451	Unit entered Mode 4.
10/21/01	0955	Unit entered Mode 3.
10/22/01	0915	Unit entered Mode 2.
	1106	Reactor Critical.
	1605	Unit entered Mode 1, >5% Reactor Power.
	1934	Main Generator synchronized and block loaded to the grid
	2135	Main Feedwater Pump (MFWP) P062 did not respond to an increased speed demand.
10/23/01	0047	Main Turbine manually tripped and Reactor Power lowered to allow the other Main Feedwater Pump (P063) to be placed in service.
	0310	Main Feedwater Pump P063 placed in service and Reactor Power reduction terminated.
	1003	Main Generator synchronized and block loaded to the grid.
10/24/01	1850	Unit at Full Power, 98.1% <sup>(1)</sup> Reactor Power, 1168 MWe.
10/31/01	2400	Mode 1, 98.5% <sup>(1)</sup> Reactor Power, 1179 MWe.

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

**Attachment 2**

**NRC Monthly Operating Report, October 2001**

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

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

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: Nov. 13, 2001  
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	745	7,296	154,152
5	Number of Hours Reactor Was Critical *	745	3,807	125,428
6	Hours Generator On-line *	745	3,718	123,356
7	Unit Reserve Shutdown Hours *	0	0	0
8	Net Electrical Energy Generated (MWh) *	820,486	4,046,985	129,755,488

\*Rounded

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

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: Nov. 13, 2001  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

Number	2001-03
Date	01/10/11
Type (1)	N/A
Duration (Hours)	N/A
Reason (2)	A
Method of shutting down reactor (3)	6 (power reduction – less than 20%)
LER No.	N/A
System Code (4)	BI
Component Code (5)	MO
Cause and corrective action to prevent recurrence	Pending Completion of Evaluation.

(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  
October 2001**

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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	Event
10/01/01	0001	Mode 1, 99.8% <sup>(1)</sup> Reactor Power, 1167 MWe.
10/11/01	2215	Circulating Water Pump MP118 tripped on B Phase overcurrent.
	2241	Commenced Power reduction to 85% to support loss of MP118.
10/12/01	0005	Reactor Power Reduced to 85%, 960 MWe.
10/13/01	1633	Circulating Water Pump MP118 returned to service.
	1730	Commenced Power Ramp to 100%.
	2000	Unit at Full Power, 99.5% Reactor Power, 1170 MWe.
10/31/01	2400	Mode 1, 99.8% <sup>(1)</sup> Reactor Power, 1174 MWe.

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