



SOUTHERN CALIFORNIA  
**EDISON**

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A. Edward Scherer  
Manager of  
Nuclear Regulatory Affairs

December 9, 2004

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 2004**  
**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 Reports for November 2004 for San Onofre Nuclear Generating Station, Units 2 and 3, Attachments 1 and 2, respectively.

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

Sincerely,

A handwritten signature in black ink, appearing to read "A. Scherer".

Attachments 1 & 2

cc: B. S. Mallett, Regional Administrator, NRC Region IV  
B. M. Pham, NRC Project Manager, San Onofre Units 2 & 3  
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 & 3

P.O. Box 128  
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Handwritten initials "JE24" in black ink.

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**Attachment 1**

**Monthly Operating Report, November 2004**

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

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
November 2004**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: December 9, 2004  
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 (Net MWe)	1070

		This Month	Yr-to-Date	Cumulative
3	Number of Hours in Period	720	8,040	186,625
4	Number of Hours Reactor Was Critical*	691	6,714	152,487
5	Hours Generator On-line*	627	6,519	150,449
6	Unit Reserve Shutdown Hours*	0	0	0
7	Net Electrical Energy Generated (MWh)*	692,740	7,233,767	161,349,723

\*Rounded

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
November 2004**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: December 9, 2004  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 3 of 4

**UNIT SHUTDOWNS**

Number	2004-03
Date (YY/MM/DD)	04/11/19
Type (1)	F
Duration (Hours)*	93.4
Reason (2)	A
Method of Shutting Down the Reactor (3)	3
Cause/Corrective Actions/Comments (Include LER number, if any)	Electrical ground on isophase bus caused automatic generator trip, automatic turbine trip, and automatic Reactor trip. This event will be reported in LER 2-2004-004 on or before January 18, 2005.

\* Rounded

(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 Trip/Scram  
3-Automatic Trip/Scram  
4-Continuation from Previous Month (Explain)  
5-Other (Explain)

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
November 2004**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: December 9, 2004  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	
11/01/04	0000	Unit in Mode 1.
11/19/04	0807	Electrical ground on isophase bus caused automatic generator trip, automatic turbine trip, and automatic Reactor trip. Auxiliary Feedwater initiated automatically. Unit entered Mode 3.
11/20/04	1201	Unit entered Mode 2.
11/20/04	1242	Reactor critical.
11/23/04	0222	Unit entered Mode 1.
11/23/04	0531	Generator synchronized to the grid.
11/23/04	1745	Unit returned to essentially full power.
11/30/04	2400	Unit in Mode 1.

Note: There were no challenges to the pressurizer safety valves during the month.

**Attachment 2**

**Monthly Operating Report, November 2004**

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

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
November 2004**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: December 9, 2004  
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 (Net MWe)	1080

		This Month	Yr-to-Date	Cumulative
3	Number of Hours in Period	720	8,040	181,176
4	Number of Hours Reactor Was Critical*	0	6,285	149,633
5	Hours Generator On-line*	0	6,264	147,484
6	Unit Reserve Shutdown Hours*	0	0	0
7	Net Electrical Energy Generated (MWh)*	0	6,950,238	156,482,449

\*Rounded

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
November 2004**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: December 9, 2004  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**UNIT SHUTDOWNS**

Number	2004-003
Date (YY/MM/DD)	04/09/27
Type (1)	S
Duration (Hours)*	720.0
Reason (2)	C
Method of Shutting Down the Reactor (3)	4
Cause/Corrective Actions/Comments (Include LER number, if any)	Continuation of scheduled Unit 3 Cycle 13 Refueling Outage

\* Rounded

(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 Trip/Scram  
3-Automatic Trip/Scram  
4-Continuation from Previous Month (Explain)  
5-Other (Explain)

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 3  
November 2004**

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Date: December 9, 2004  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	
11/01/04	0000	Unit defueled.
11/30/04	2400	Unit defueled.

Note: There were no challenges to the pressurizer safety valves during the month.