



SOUTHERN CALIFORNIA  
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A. Edward Scherer  
Manager of  
Nuclear Regulatory Affairs

February 11, 2005

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

**Subject: Docket Nos. 50-361 and 50-362  
Monthly Operating Reports for January 2005  
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 January 2005 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 "TE24" in black ink, located in the bottom right corner of the page.

**Attachment 1**

**Monthly Operating Report, January 2005**

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

**MONTHLY OPERATING REPORT**  
**SAN ONOFRE NUCLEAR GENERATING STATION**  
**UNIT 2**  
**January 2005**

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: February 11, 2005  
 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 (Net MWe) | 1070 |

|   |  | This Month | Yr-to-Date | Cumulative  |
|---|--|------------|------------|-------------|
| 3 | Number of Hours in Period              | 744        | 744        | 188,113     |
| 4 | Number of Hours Reactor Was Critical*  | 744        | 744        | 153,975     |
| 5 | Hours Generator On-line*               | 744        | 744        | 151,937     |
| 6 | Unit Reserve Shutdown Hours*           | 0          | 0          | 0           |
| 7 | Net Electrical Energy Generated (MWh)* | 783,942    | 783,942    | 162,967,923 |

\*Rounded

**MONTHLY OPERATING REPORT  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT 2  
January 2005**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: February 11, 2005  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 3 of 4

**UNIT SHUTDOWNS**

|   |     |
|---|-----|
| Number  | N/A |
| Date (YY/MM/DD)   | N/A |
| Type (1)  | N/A |
| Duration (Hours)*   | N/A |
| Reason (2)  | N/A |
| Method of Shutting Down the Reactor (3)                           | N/A |
| Cause/Corrective Actions/Comments<br>(Include LER number, if any) | N/A |

\* 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  
January 2005**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: February 11, 2005  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
Page 4 of 4

**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

| Date     | Time |  |
|----------|------|--|
| 01/01/05 | 0000 | Unit in Mode 1.  |
| 01/10/05 | 0227 | Reduced Reactor power to approximately 85% to support upgrades to an offsite 220 kV transmission line. |
| 01/22/05 | 2240 | Unit restored to essentially full power.   |
| 01/31/05 | 2400 | Unit in Mode 1.  |

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

**Attachment 2**

**Monthly Operating Report, January 2005**

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

**MONTHLY OPERATING REPORT  
 SAN ONOFRE NUCLEAR GENERATING STATION  
 UNIT 3  
 January 2005**

Docket No: 50-362  
 Unit Name: SONGS - 3  
 Date: February 11, 2005  
 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              | 744        | 744        | 182,664     |
| 4 | Number of Hours Reactor Was Critical*  | 744        | 744        | 150,534     |
| 5 | Hours Generator On-line*               | 744        | 744        | 148,308     |
| 6 | Unit Reserve Shutdown Hours*           | 0          | 0          | 0           |
| 7 | Net Electrical Energy Generated (MWh)* | 677,869    | 677,869    | 157,195,713 |

\*Rounded

**MONTHLY OPERATING REPORT  
 SAN ONOFRE NUCLEAR GENERATING STATION  
 UNIT 3  
 January 2005**

Docket No: 50-362  
 Unit Name: SONGS - 3  
 Date: February 11, 2005  
 Completed by: C. E. Williams  
 Telephone: (949) 368-6707  
 Page 3 of 4

**UNIT SHUTDOWNS**

|   |     |
|---|-----|
| Number  | N/A |
| Date (YY/MM/DD)   | N/A |
| Type (1)  | N/A |
| Duration (Hours)*   | N/A |
| Reason (2)  | N/A |
| Method of Shutting Down the Reactor (3)                           | N/A |
| Cause/Corrective Actions/Comments<br>(Include LER number, if any) | N/A |

\* 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  
January 2005**

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: February 11, 2005  
Completed by: C. E. Williams  
Telephone: (949) 368-6707  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

| Date     | Time |  |
|----------|------|--|
| 01/01/05 | 0000 | Unit in Mode 1. Holding Reactor power at approximately 70% pending return to service of second Main Feedwater Pump.                    |
| 01/10/05 | 0803 | Increased Reactor power to approximately 81%. Holding at 81% Reactor power to support upgrades to an offsite 220 kV transmission line. |
| 01/23/05 | 0505 | Unit restored to essentially full power.   |
| 01/31/05 | 2400 | Unit in Mode 1.  |

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