

March 12, 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 February 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
L. Raghavan, 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, February 2002

San Onofre Nuclear Generating Station, Unit 2

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

Docket No: 50-361
Unit Name: SONGS - 2
Date: Mar. 12, 2002
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 | 162,481 |
| 5 | Number of Hours Reactor Was Critical * | 672 | 1,416 | 130,804 |
| 6 | Hours Generator On-line * | 672 | 1,416 | 129,057 |
| 7 | Unit Reserve Shutdown Hours * | 0 | 0 | 0 |
| 8 | Net Electrical Energy Generated (MWh) * | 760,192 | 1,602,539 | 137,495,555 |

*Rounded

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

Docket No: 50-361
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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
February 2002**

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SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

| Date | Time | Event |
|----------|------|---|
| 02/01/02 | 0001 | Mode 1, 99.8% ⁽¹⁾ Reactor Power, 1188 MWe. |
| 02/28/02 | 2400 | Mode 1, 99.8% ⁽¹⁾ Reactor Power, 1184 MWe. |

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

Attachment 2

NRC Monthly Operating Report, February 2002

San Onofre Nuclear Generating Station, Unit 3

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

Docket No: 50-362
Unit Name: SONGS - 3
Date: Mar. 12, 2002
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 (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 | 157,032 |
| 5 | Number of Hours Reactor Was Critical * | 635 | 1,379 | 128,271 |
| 6 | Hours Generator On-line * | 635 | 1,379 | 126,199 |
| 7 | Unit Reserve Shutdown Hours * | 0 | 0 | 0 |
| 8 | Net Electrical Energy Generated (MWh) * | 708,340 | 1,541,069 | 132,928,858 |

*Rounded

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

Docket No: 50-362
Unit Name: SONGS - 3
Date: Mar. 12, 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) | 37 |
| 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)
H-Other (Explain)

(3) Method: 1-Manual
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6-Other (Explain)

(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 |
|----------|------|---|
| 02/01/02 | 0001 | Mode 1, 99.8% ⁽¹⁾ Reactor Power, 1175 MWe. |
| 02/27/02 | 1043 | Unit tripped offline on loss of offsite power. |
| | 1049 | Initiated Emergency Boration via Boric Acid Pump 3P175. |
| | 1053 | Re-energized Non-1E Un-interruptible Power Source, verified all Control Element Assemblies inserted and secured Emergency Boration. |
| | 1120 | Completed AC source verification. |
| | 1447 | Placed Circulating Water Pump 3MP115 in service. |
| | 1752 | Started Circulating Water Pump 3MP118. |
| 02/28/02 | 2400 | Mode 3. |

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