

May 13, 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 April 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 April 2004 for San Onofre Nuclear Generating Station, Units 2 and 3, Attachments 1 and 2, respectively. The number of hours in the reporting period and other affected parts of this report have been appropriately adjusted for the change to Daylight Saving Time at 0200 PST on April 4, 2004.

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

Sincerely,



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

Attachment 1

Monthly Operating Report, April 2004

San Onofre Nuclear Generating Station, Unit 2

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

Docket No: 50-361
Unit Name: SONGS - 2
Date: May 13, 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 | 719 | 2,903 | 181,488 |
| 4 | Number of Hours Reactor Was Critical* | 628 | 1,606 | 147,378 |
| 5 | Hours Generator On-line* | 527 | 1,475 | 145,405 |
| 6 | Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 7 | Net Electrical Energy Generated (MWh)* | 527,254 | 1,589,662 | 155,705,618 |

* Rounded

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

Docket No: 50-361
Unit Name: SONGS - 2
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UNIT SHUTDOWNS

| | |
|-------------------------------------------------------------------|---------------------------------------------------------------|
| Number | 2004-01 |
| Date (YY/MM/DD) | 04/02/09 |
| Type (1) | S |
| Duration (Hours)* | 135.8 |
| Reason (2) | C |
| Method of Shutting Down the Reactor (3) | 4 |
| Cause/Corrective Actions/Comments (Include LER number, if any) | Continuation of Scheduled Unit 2 Cycle 13 Refueling Outage |

| | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Number | 2004-02 |
| Date (YY/MM/DD) | 04/04/10 |
| Type (1) | F |
| Duration (Hours)* | 56.0 |
| Reason (2) | A |
| Method of Shutting Down the Reactor (3) | 2 |
| Cause/Corrective Actions/Comments (Include LER number, if any) | Manually tripped reactor in response to a loss of Main Feedwater. This event will be reported in LER 2004-002 on or before June 9, 2004. |

* 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
April 2004**

Docket No: 50-361
Unit Name: SONGS - 2
Date: May 13, 2004
Completed by: C. E. Williams
Telephone: (949) 368-6707
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SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

| Date | Time | |
|----------|------|-----------------------------------------------------------------------------------------------------------------------------------|
| 04/01/04 | 0000 | Unit in Mode 5. |
| 04/01/04 | 1622 | Unit entered Mode 4. |
| 04/02/04 | 1432 | Unit entered Mode 3. |
| 04/03/04 | 1233 | Unit entered Mode 2. |
| 04/03/04 | 1320 | Reactor critical. |
| 04/03/04 | 2347 | Unit entered Mode 1. |
| 04/04/04 | 0546 | Unit returned to Mode 2. |
| 04/04/04 | 1104 | Unit entered Mode 1. |
| 04/04/04 | 1404 | Turbine and Main Generator tripped while synchronizing to the grid. |
| 04/06/04 | 1648 | Turbine and Main Generator synchronized to the grid. |
| 04/10/04 | 1150 | Manually tripped reactor in response to a loss of Main Feedwater. Auxiliary Feedwater started automatically. Unit entered Mode 3. |
| 04/11/04 | 1628 | Unit entered Mode 2. |
| 04/11/04 | 1737 | Reactor critical. |
| 04/12/04 | 1157 | Unit entered Mode 1. |
| 04/12/04 | 1952 | Turbine and Main Generator synchronized to the grid. |
| 04/13/04 | 1502 | Unit returned to essentially full power. |
| 04/30/04 | 2400 | Unit in Mode 1. |

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

Attachment 2

Monthly Operating Report, April 2004

San Onofre Nuclear Generating Station, Unit 3

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

Docket No: 50-362
Unit Name: SONGS - 3
Date: May 13, 2004
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 (Net MWe) | 1080 |

| | | This Month | Yr-to-Date | Cumulative |
|---|----------------------------------------|------------|------------|-------------|
| 3 | Number of Hours in Period | 719 | 2,903 | 176,039 |
| 4 | Number of Hours Reactor Was Critical* | 719 | 2,742 | 146,089 |
| 5 | Hours Generator On-line* | 719 | 2,732 | 143,952 |
| 6 | Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 7 | Net Electrical Energy Generated (MWh)* | 806,143 | 3,042,007 | 152,574,217 |

* Rounded

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

Docket No: 50-362
Unit Name: SONGS - 3
Date: May 13, 2004
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Telephone: (949) 368-6707
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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 (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)

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SAN ONOFRE NUCLEAR GENERATING STATION
UNIT 3
April 2004**

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SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

| Date | Time | |
|----------|------|-----------------|
| 04/01/04 | 0000 | Unit in Mode 1. |
| 04/30/04 | 2400 | Unit in Mode 1. |

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