

March 11, 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 February 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 February 2004 for San Onofre Nuclear Generating Station, Units 2 and 3, Attachments 1 and 2, respectively.

If you have any questions, please contact Mr. Geoff Cook at (949) 368-7571.

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, February 2004**

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

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

Docket No: 50-361  
 Unit Name: SONGS - 2  
 Date: March 11, 2004  
 Completed by: G. Cook  
 Telephone: (949) 368-7571  
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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	696	1,440	180,025
4	Number of Hours Reactor Was Critical*	204	948	146,721
5	Hours Generator On-line*	204	948	144,878
6	Unit Reserve Shutdown Hours	0	0	0
7	Net Electrical Energy Generated (MWh)*	224,480	1,062,407	155,178,364

\* Rounded

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

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: March 11, 2004  
Completed by: G. Cook  
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**UNIT SHUTDOWNS**

Number	2004-01
Date (YY/MM/DD)	04/02/09
Type (1)	S
Duration (Hours)*	491.8
Reason (2)	C
Method of Shutting Down the Reactor (3)	1
Cause/Corrective Actions/Comments (Include LER number, if any)	Scheduled Unit 2 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 2  
February 2004**

Docket No: 50-361  
Unit Name: SONGS - 2  
Date: March 11, 2004  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	
02/01/04	0000	Unit in Mode 1.
02/09/04	0805	Commenced Unit shutdown for Cycle 13 Refueling Outage.
02/09/04	1215	Manually tripped Main Turbine, Generator, and Reactor from approximately 18% Reactor Power. Unit entered Mode 3.
02/09/04	1744	Unit entered Mode 4.
02/10/04	0246	Unit entered Mode 5.
02/16/04	1152	Unit entered Mode 6.
02/28/04	1357	Core off load completed. Reactor fully defueled.
02/29/04	2400	Unit defueled.

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

**Attachment 2**

**Monthly Operating Report, February 2004**

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

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

Docket No: 50-362  
 Unit Name: SONGS - 3  
 Date: March 11, 2004  
 Completed by: G. Cook  
 Telephone: (949) 368-7571  
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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	696	1,440	174,576
4	Number of Hours Reactor Was Critical*	696	1,279	144,626
5	Hours Generator On-line*	696	1,269	142,489
6	Unit Reserve Shutdown Hours	0	0	0
7	Net Electrical Energy Generated (MWh)*	766,842	1,404,131	150,936,342

\* Rounded

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

Docket No: 50-362  
Unit Name: SONGS - 3  
Date: March 11, 2004  
Completed by: G. Cook  
Telephone: (949) 368-7571  
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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)

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

Docket No: 50-362  
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**SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH**

Date	Time	
02/01/04	0000	Unit in Mode 1 at reduced power. Unit startup and power ascension in progress following shutdown to repair a minor leak in the Chemical and Volume Control System.
02/02/04	0500	Unit returned to essentially full power.
02/29/04	2400	Unit in Mode 1.

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