



July 11, 1997

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

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362
Monthly Operating Reports for June 1997
San Onofre Nuclear Generating Station, Units 2 and 3

Technical Specification 5.7.1.4 of Facility Operating Licenses NPF-10 and NPF-15 for the San Onofre Nuclear Generating Station, Units 2 and 3, respectively, requires Edison to provide a Monthly Operating Report (MOR) of operating statistics and shutdown experience, including documentation of all challenges to pressurizer safety valves, for each unit. Enclosures 1 and 2 provide the June 1997 Monthly Operating Reports 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. C. E. Williams at (714) 368-6707.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregory T. Gibson".

Gregory T. Gibson
Manager, Compliance

Handwritten initials "for" in black ink.

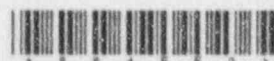
Handwritten mark "1/" in black ink.

Handwritten mark "Je 24" in black ink.

Enclosures

cc: E. W. Merschoff, Regional Administrator, NRC Region IV
K. E. Perkins, Jr., Director, Walnut Creek Field Office, NRC Region IV
J. A. Sloan, NRC Senior Resident Inspector, San Onofre Units 2 & 3
M. B. Fields, NRC Project Manager, San Onofre Units 2 & 3

9707180170 970630
PDR ADOCK 05000361
R PDR



Enclosure 1

NRC Monthly Operating Report, June 1997

San Onofre Nuclear Generating Station, Unit 2

USNRC MONTHLY OPERATING REPORT
 SAN ONOFRE NUCLEAR GENERATING STATION
 UNIT 2
 June 1997

Docket No: 50-361
 Unit Name: SONGS - 2
 Date: July 11 1997
 Completed by: C. E. Williams
 Telephone: (714) 368-6707
 Page 1 of 3

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 Reactor Was Critical	688	2,205	93,610
5	Hours Generator On-line	688	2,150	91,997
6	Unit Reserve Shutdown Hours	0.0	0.0	0.0
7	Net Electrical Energy Generated (MWh)	740,346	2,275,375	96,866,45

USNRC MONTHLY OPERATING REPORT
 SAN ONOFRE NUCLEAR GENERATING STATION
 UNIT 2
 June 1997

Docket No: 50-361
 Unit Name: SONGS - 2
 Date: July 11 1997
 Completed by: C. E. Williams
 Telephone: (714) 368-6707
 Page 2 of 3

SHUTDOWNS AND POWER REDUCTIONS

Number	102
Date	June 29, 1997
Type (1)	F (Forced)
Duration (1)	32.2 hours
Reason (2)	A (Equip. Failure)
Method of shutting down reactor (3)	2
LER No.	2-97-010
System Code (4)	CB
Component Code (5)	V
Cause and corrective action to prevent recurrence	Charging check valve MU021 was stuck closed due to design defect. Valve replaced with a valve without design defect.

(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
 June 1997

Docket No: 50-361
 Unit Name: SONGS - 2
 Date: July 11 1997
 Completed by: C. E. Williams
 Telephone: (714) 368-6707
 Page 3 of 3

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

Date	Time	Event
6/1/97	0001	Mode 1, 99.8% reactor power, 1158 MWe, 60.0 EFPD
6/26/97	1413	Unit entered 72 hour Technical Specification shutdown action per 3.5.2.A. ECCS charging line loop 2A check valve S21201MU021 will not pass required flow.
	1530	Started reactor down power to 90% to place the unit within the licensing basis of the SBLOCA analysis.
	1630	Unit at 90% reactor power, approximately 1010 MWe.
6/29/97	1102	Testing of charging check valve MU021 indicates valve is stuck. Commenced plant shutdown at 15% per hour.
	1413	Exited 72-hour action statement of Tech. Spec. 3.5.2.A and entered Action B of Tech. Spec. 3.5.2.
	1534	Tripped main turbine.
	1548	Tripped reactor, Unit entered Mode 3.
	2317	Entered Mode 4 and exited shutdown action 3.5.2.B for charging check valve
6/30/97	0844	Unit entered Mode 5.
	2400	Unit in Mode 5, 123 degrees F, 350 psia, preparations in progress to drain to mid-loop to repair charging check valve MU021.

Enclosure 2

NRC Monthly Operating Report, June 1997

San Onofre Nuclear Generating Station, Unit 3

USNRC MONTHLY OPERATING REPORT
 SAN ONOFRE NUCLEAR GENERATING STATION
 UNIT 3
 June 1997

Docket No: 50-362
 Unit Name: SONGS - 3
 Date: July 1997
 Completed by: C. E. Williams
 Telephone: (714) 368-6707
 Page 1 of 3

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 Reactor Was Critical	0	2,424	92,716
5	Hours Generator On-line	0	2,424	90,958
6	Unit Reserve Shutdown Hours	0.0	0.0	0.0
7	Net Electrical Energy Generated (MWh)	(12,830)	2,576,729	94,354,740

USNRC MONTHLY OPERATING REPORT
SAN ONOFRE NUCLEAR GENERATING STATION
UNIT 3
June 1997

Docket No: 50-362
 Unit Name: SONGS - 3
 Date: July 1997
 Completed by: C. E. Williams
 Telephone: (714) 368-6707
 Page 2 of 3

UNIT SHUTDOWNS AND POWER REDUCTIONS

Number	93
Date	April 12, 1997
Type (1)	S(Scheduled)
Duration (Hours)	720
Reason (2)	C(Refueling)
Method of shutting down reactor (3)	4 (Continuation)
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 3
 June 1997

Docket No: 50-362
 Unit Name: SONGS - 3
 Date: July 1997
 Completed by: C. E. Williams
 Telephone: (714) 368-6707
 Page 3 of 3

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

Date	Time	Event
6/1/97	0001	Unit 3 in Mode 5, 93 degrees F, atmospheric pressure, ESF testing in progress, day 49 of a planned 75 day outage in progress.
6/14/97	0217	Entered Mode 4.
6/15/97	1820	Entered Mode 3.
6/18/97	2034	Initiated RCS cooldown and depressurization to repair CEA 91.
	2357	Entered Mode 4.
	2340	Entered Mode 5.
6/22/97	0203	Entered Mode 6.
6/23/97	2343	Removed CEA 91
6/24/97	1634	New CEA 91 installed
6/26/97	0247	Entered Mode 5.
6/27/97	0215	Commenced making preparations to drain Unit 3 RCS to mid-loop for repair of charging check valve S31201MU021.
6/30/97	2400	Unit in Mode 5, 95 degrees F, RCS drained to mid-loop for repair of charging check valve S31201MU021.