NRC FORM 366 (12-81) 10 CFR 50

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

APPROVED BY OMB 3150-0011

CONTROL BLOCK [| | | | | |] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	LICENSEE CODE: C A S O S 3 (2)	LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3)	LICENSE TYPE: 4 1 1 1 1 (4)	CAT: (5)		
CON'T 0 1	REPORT SOURCE: L (6)	DOCKET NUMBER: 0 5 0 0 0 3 6 2 (7)	EVENT DATE: 1 2 1 5 8 3 (8)	REPORT DATE: 0 1 0 6 8 6 (9)		

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On 12/15/83, at 0054, with Unit 3 in Mode 1, during surveillance testing,
0 3 it was discovered that the nitrogen cover pressure in SIT 3T-007 was below
0 4 the minimum value of LCO 3.5.1. The tank was declared inoperable and LCO 3.5.1,
0 5 Action Statement 'a', was invoked. In accordance with this Action Statement,
0 6 actions to return the tank to operable status within one hour were immediately
0 7 initiated. Public health and safety were not affected by this event.
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	S F (11)	X (12)	A (13)	Z Z Z Z Z Z (14)	Z (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	1 1 4	/	0 3	X	—	1

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER (26)
G (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	N (23)	N (24)	Z (25)	Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 SIT low pressure was due to excessive draining resulting from the sampling
1 1 technique required by Procedure SO23-3-2.7.1 which allows sampling outside
1 2 containment. The tank was repressurized and returned to operable status at
1 3 0101 on 12/15/83. Procedure SO23-3-2.7.1 has been revised to require SIT
1 4 sampling to be performed inside containment to preclude SIT draining.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	B (28)	1 0 0 (29)	NA	B (31)	Surveillance Testing

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

	PERSONNEL EXPOSURES NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

	PERSONNEL INJURIES NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

	LOSS OF OR DAMAGE TO FACILITY TYPE	DESCRIPTION (43)
1 9	Z (42)	NA

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PDR ADOCK 05000362
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	PUBLICITY ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	NA	

NAME OF PREPARER H. E. MORGAN PHONE 714-368-6241

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January 6, 1986

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region V
1450 Maria Lane, Suite 210
Walnut Creek, California 94596-5368

Attention: Mr. J. B. Martin, Regional Administrator

Dear Sir:

Subject: Docket No. 50-362
30-Day Report
Licensee Event Report No. 83-114, Revision 1
San Onofre Nuclear Generating Station, Unit 3

Reference: Letter, J. G. Haynes (SCE) to J. B. Martin (NRC),
Licensee Event Report No. 83-114
San Onofre Nuclear Generating Station, Unit 3

The referenced letter provided you with a copy of Licensee Event Report No. 83-114, for a reportable occurrence involving the Reactor Coolant System (RCS) Safety Injection Tanks (SIT). This report is submitted to provide revised information concerning the corrective action taken.

On December 15, 1983, at 0054, with Unit 3 in Mode 1 at 100% power, during boron concentration surveillance testing in accordance with Surveillance Requirement 4.5.1.b, the nitrogen cover-pressure for SIT 3T-007 was discovered to be 564 psig, which is below the minimum 600 psig value of LCO 3.5.1. The tank was declared inoperable and LCO 3.5.1, Action Statement 'a', which require, the tank to be restored to operable status within one hour, was invoked. SIT 3T-007 was repressurized and was restored to operable status within seven minutes.

The low pressure of the tank was caused by excessive draining of the SIT during sampling performed in accordance with Procedure SO23-3-2.7.1, "Safety Injection Tank Operation." This sampling was done outside containment and the current design of the SIT sampling system allows the pressure to rise in the drain line causing relief valve 3PSV-9308 (600 psi) to open, allowing SIT fluid to drain to the Refueling Water Storage Tank (RWST) T-005.

In order to prevent future occurrences such as this, SIT sampling will not be performed outside of containment. There was no impact on the health and safety of plant personnel or the public associated with this event.

If you require any additional information, please so advise.

Sincerely,

H E Morgan

Enclosure: LER No. 83-114

cc: F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2 and 3)

USNRC Document Control Desk

Institute of Nuclear Power Operations (INPO)