

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3										DOCKET NUMBER (2) 0 5 0 0 0 3 6 2				PAGE (3) 1 OF 0 1		
TITLE (4) CPIS ACTUATION DUE TO EQUIPMENT FAILURE ON JUNE 12, 1984																
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)						
MONTH	DAY	YEAR	YEAR	SEQ. NUMBER	REV. NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)			
0 6	1 2	8 4	8 4	0 2 6	0 0	0 7	1 2	8 4					0 5 0 0 0 0			
OPERATING MODE (9) 3			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)													
POWER LEVEL (10) 0 0 0		20.402(b)				20.405(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)		73.71(b)				
		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)		73.71(c)				
		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)				
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)						
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME J. G. HAYNES, STATION MANAGER										TELEPHONE NUMBER AREA CODE 7 1 4 4 9 2 - 7 7 0 0						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
X	V A	R I T	N 3 0 5	N												
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)					<input checked="" type="checkbox"/> NO											

Abstract (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On June 12, 1984, at 0836, with Unit 3 in Mode 3, corrective maintenance activities were being performed on Containment Airborne Radiation Monitor (EIIIS Component Code RIT) 3RE-7807 Iodine Channel 'A'. The Containment Purge Isolation System (CPIS) (EIIIS System Code VA) actuation logic was placed in the bypass mode and 3RE-7807-A2 Iodine Channel Module was removed for repairs. A spare module was installed and, after verification that the alarm defeat button on the spare module was engaged, the CPIS actuation logic bypass was restored to normal. The alarm defeat button on the spare module was defective and allowed a spurious alarm signal to go through and complete the CPIS actuation logic. The alarm signal was caused by an electrical spike generated when the spare module was installed. Since no purge was in progress and the dampers were closed, there was no actuation of CPIS components. Redundant CPIS Train 'A' remained operable to perform the required safety functions.

The original module was reinstalled and CPIS was reset. A full actuation of the CPIS Train 'B' was conducted to verify proper operation. To prevent recurrence, operability of the alarm defeat function of spare modules used during repairs and/or maintenance activities is now verified prior to use.

There are no reasonable or credible circumstances which would have increased the severity of this incident.

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PDR ADDCK 05000362  
S PDR

*Southern California Edison Company*

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES  
STATION MANAGER

July 12, 1984

**SCE**

TELEPHONE  
(714) 492-7700

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

Subject: Docket No. 50-362  
30-Day Report  
Licensee Event Report No. 84-026  
San Onofre Nuclear Generating Station, Unit 3

Pursuant to 10 CFR 50.73(a)(2)(iv), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the actuation of the Containment Purge Isolation System. Neither the health and safety of plant personnel nor the public were affected by this event.

If you require any additional information, please so advise.

Sincerely,

*J. G. Haynes*

Enclosure: LER No. 84-026

cc: A. E. Chaffee (USNRC Resident Inspector, Units 1, 2 and 3)  
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

J. B. Martin (Regional Administrator, NRC Region V)

Institute of Nuclear Power Operations (INPO)

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