

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2										DOCKET NUMBER (2) 0 5 0 0 0 3 6 1				PAGE (3) 1 OF 0 2		
TITLE (4) SPURIOUS TOXIC GAS ISOLATION SYSTEM (TGIS) ACTUATIONS																
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 3	0 1	8 4	8 4	0 1 2	0 1 0				SONGS UNIT 3				0 5 0 0 0 3 6 2			
OPERATING MODE (9) 1			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)													
POWER LEVEL (10) 1 0 0		20.402(b)				20.405(c)				X 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						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR	
YES (If yes, complete EXPECTED SUBMISSION DATE)												NO				

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

On March 1, 1984, at 0619, a spurious Toxic Gas Isolation System (TGIS) actuation occurred. Subsequent to this date additional spurious actuations occurred on March 4, 7, 10, 14, 17, 22, 26, 27 and 31. The Control Room Emergency Air Cleanup System (CREACUS) actuated on each TGIS as required. Public health and safety were not affected by these actuations.

The cause of the spurious actuations is that the analysis leading to the TGIS setpoint contained unnecessary conservatism. On each occasion, the actuation was verified to be spurious and the TGIS was reset. The long term corrective action is to reanalyze the basis for the TGIS setpoint and provide a Technical Specification amendment to raise the TGIS setpoint requirement. In addition, a request for exemption from reporting invalid actuations under 10 CFR 50.72 and 10 CFR 50.73 is being considered.

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PDR ADOCK 05000361
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LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 6 1	LER NUMBER (6)			PAGE (3)		
		YEAR 8 4	SEQ. NUMBER - 0 1 2	REV. NUMBER - 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On March 1, 1984, at 0619, a spurious Toxic Gas Isolation System (TGIS) (EIIS System Identifier JE) actuation occurred. Subsequent to this date additional spurious actuations occurred on March 4, 7, 10, 14, 17, 22, 26, 27 and 31. The Control Room Emergency Air Cleanup System (CREACUS) (EIIS System Identifier VI) actuated on each TGIS. Public health and safety were not affected.

The cause of the spurious TGIS actuations is that the analysis leading to the TGIS setpoint contained unnecessary conservatism. For each occurrence, the actuation was verified to be spurious and TGIS was reset. See also LER 84-006 (Docket No. 50-361).

The long term corrective action is to reanalyze the basis for TGIS setpoint and to provide a Technical Specification amendment to raise the TGIS setpoint requirement. Additionally, a request for exemption from reporting invalid actuations under 10 CFR 50.72 and 50.73 is being considered.

Investigation of this incident indicates that there are no reasonable or credible circumstances which could have increased the severity of this incident. No plant systems or components failed as a result of this event.

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

April 2, 1984

J. G. HAYNES

STATION MANAGER

TELEPHONE
(714) 492-7700

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

Subject: Docket No. 50-361
30-Day Report
Licensee Event Report No. 84-012
San Onofre Nuclear Generating Station, Units 2 and 3

Pursuant to 10 CFR 50.73(a)(2)(iv), this submittal provides the required 30-day written Licensee Event Report (LER) for ten occurrences involving the actuation of the Toxic Gas Isolation System (TGIS). Since these events involved the same components, system, cause and method of discovery, and involve shared systems between Units 2 and 3, these events have been combined into a single report in accordance with NUREG-1022. The health and safety of plant personnel or the public were not affected by these events.

If you require any additional information, please so advise.

Sincerely,

Enclosure: LER No. 84-012

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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