

## 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 1		
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	SEC NUMBER	REV NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)			
0 3	3 0	8 4	8 4	0 2 1	0 0	0 4	2 6	8 4	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 1 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)				<input type="checkbox"/> 50.73(a)(2)(v)		73.71(c)				
		20.405(a)(1)(ii)				50.36(c)(2)				<input type="checkbox"/> 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)				<input type="checkbox"/> 50.73(a)(2)(viii)(A)						
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				<input type="checkbox"/> 50.73(a)(2)(viii)(B)						
		20.405(a)(1)(v)				50.73(a)(2)(iii)				<input type="checkbox"/> 50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME J. G. HAYNES, STATION MANAGER										TELEPHONE NUMBER 7 1 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
<input type="checkbox"/> 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 March 30, 1984, at 1216, a spurious Toxic Gas Isolation System (TGIS) actuation occurred. Subsequent to this date additional spurious actuations occurred on April 5, 7, 10, 11, 12, 15, 19, 22 and 23. The Control Room Emergency Air Cleanup System (CREACUS) (EIIIS System Identifier VI) actuated on each TGIS. For each occurrence, the actuation was verified to be spurious and TGIS was reset. The spurious TGIS actuations were the result of very conservative setpoints. These setpoints resulted from the original analysis which contained unnecessary conservatisms. See also LER 84-012 (Docket No. 50-361).

The long term corrective action will be to reanalyze the basis for the TGIS setpoints and provide a Technical Specification amendment to permit more appropriate TGIS setpoints. In addition, a request for exemption from reporting invalid actuations of the TGIS under 10 CFR 50.72 and 10 CFR 50.73 is being considered.

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. Public health and safety were not affected.

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*Southern California Edison Company*



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J. G. HAYNES  
STATION MANAGER

April 26, 1984

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

Subject: Docket No. 50-361  
30-Day Report  
Licensee Event Report No. 84-021  
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 eleven 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. 84-021

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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