

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
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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 4	2 7	8 4	8 4	0 2 6	0 0	0 5	2 5	8 4	SONGS UNIT 3	0 5 0 0 0 3 6 2
										0 5 0 0 0 1 1 1

OPERATING MODE (9) 1

POWER LEVEL (10) 1 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
J. G. HAYNES, STATION MANAGER	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 NPDPS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDPS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On April 27, 1984, at 1300 and 1314, spurious Toxic Gas Isolation System (TGIS) (EII System Identifier JE) actuations occurred. Subsequent to this date additional spurious actuations occurred on April 30, May 6, 11, 16, 21 and 22. The Control Room Emergency Air Cleanup System (CREACUS) (EII 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 84-021 (Docket No. 50-361).

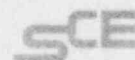
The long term corrective action will be to reanalyze the basis for the TGIS setpoints and provide a Technical Specification amendment to permit more appropriate TGIS setpoints. In addition, a request for exemption from reporting invalid actuations of the TGIS under 10 CFR 50.72 and 10 CFR 50.73 is being 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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PDR ADOCK 05000361
S PDR

LEADS

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

May 25, 1984

J. G. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

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

Subject: Docket Nos. 50-361 and 50-362
30-Day Report
Licensee Event Report No. 84-026
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 nine 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,

JG Haynes / 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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