U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2	0 5 0 0 0 3 5 1	1 OF 0 1

TITLE (4)

TOXIC GAS ISOLATION SYSTEM (TGIS) ACTUATION FROM LOSS OF INSTRUMENT AIR

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

OPERATING MODE (9)	N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § : (Check one or more of the following) (11)				
		20.402(b)	20.405(c)	X 50.73(a)(2)(iv)	73.71(b)	
POWER LEVEL (10)	0 0 0	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	TELEPHONE NUMBER	
	AREA CODE	
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	MANUFAC-TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)			EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)		X NO				

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

On 01/04/85, at 0842, with Unit 2 defueled and Unit 3 in Mode 1 at 100% power, a Toxic Gas Isolation System (TGIS) Train 'A' (EIIS System Code JF) actuation occurred, followed by an actuation of TGIS Train 'B' at 0846. The Control Room Emergency Air Cleanup System (CREACUS) (EIIS System Code VI) actuated as required.

The TGIS actuation was caused by a butane channel "flame out" due to the loss of instrument air to the TGIS cabinet. The instrument air line was accidentally cracked when struck by a section of cable tray being carried by a construction worker. Construction workers have been instructed to use caution when handling materials. The instrument air line was repaired and both TGIS channels were reset. This accident is considered an isolated case and no further corrective action is planned.

There are no reasonable or credible circumstances which could have increased the severity of this event.
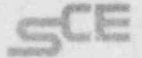
Southern California Edison Company

SCE

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

January 30, 1985

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

Subject: Docket No. 50-361
            30 Day Report
            Licensee Event Report No. 85-002
            San Onofre Nuclear Generating Station, Unit 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 an occurrence involving an
actuation of the Toxic Gas Isolation System (TGIS). Since this event involved
shared systems between Units 2 and 3, a single report is being filed in
accordance with NUREG-1022. 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,

signature

Enclosure   LER No. 85-002

cc: F. R. Huey (USNRC Senior 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)

IE22
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