

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2DOCKET NUMBER (2)
0 5 0 0 0 3 6 1PAGE (3)
1 OF 0 1

TITLE (4)

TOXIC GAS ISOLATION SYSTEM (TGIS) HYDROCARBON ANALYZER FLAME-OUT

EVENT DATE (5)
MONTH DAY YEAR
0 5 2 8 8 5 8 5LER NUMBER (6)
YEAR SEQ. NUMBER REV. NUMBER
8 5 0 3 4 0 0REPORT DATE (7)
MONTH DAY YEAR
0 6 2 5 8 5

OTHER FACILITIES INVOLVED (8)

FACILITY NAMES

SONGS, Unit 3

DOCKET NUMBER(S)

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	MANUFAC- TURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPDs

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED
SUBMISSION DATE)

X NO

EXPECTED
SUBMISSION
DATE (15)

MONTH DAY YEAR

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

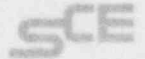
On May 28, 1985, at 0302, with Units 2 and 3 both at 100% power, Toxic Gas Isolation System (TGIS) Train 'B' (EIIS System Code VI) actuated on an instrument failure signal. The Control Room Emergency Air Cleanup System (CREACUS) (EIIS System Code VI) actuated as required. The cause of the TGIS actuation was a hydrocarbon analyzer (EIIS Component Code 45) flame-out. At 0325, the flame was re-established and TGIS was reset.

The cause of the flame-out condition was an error in exchanging hydrogen bottles. Approximately 1 hour before the TGIS actuation, the standby hydrogen bottle was placed in service as the inservice bottle required replacement. Investigation after the actuation found the standby bottle's shutoff valve (EIIS Component Code SHV) to be closed.

Operating Instruction S023-3-2.29, "Toxic Gas Analyzer Operation," will be revised to include a requirement to verify that the shutoff valve to the standby hydrogen bottle is open when placing the standby bottle in service. In addition, a design change since the event removed the hydrocarbon analyzer channel failure signal from the TGIS actuation logic, such that a flame-out only results in a Control Room annunciator alarm.

8507090297 850625
PDR ADOCK 05000361
S PDR

Southern California Edison Company



SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

June 25, 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. 85-034
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 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 health and safety of the public was affected by this event.

If you require any additional information, please so advise.

Sincerely,

Enclosure LER No. 85-034

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)

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