

## 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)

SPURIOUS FUEL HANDLING ISOLATION SYSTEM (FHIS) ACTUATION

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 9	1 9	8 4	8 4	0 5 3	0 0 1	1 0	1 6	8 4			0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)									
1	20.402(b)		20.405(c)		X		50.73(a)(2)(iv)		73.71(b)	
POWER LEVEL (10) 1 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
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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

On 9/19/84, at 2218, with Unit 2 in Mode 1 at 100% power, the Fuel Handling Isolation System (FHIS) (EIS System Code VG) Train 'B' spuriously actuated when the power supply to the control module for the Fuel Handling and Vent Airborne Monitor Gas Detector, 2RE-7823-2 (EIS Component Code DET), was deenergized for system modification work. Although FHIS is not required to be operable at this time because there is no spent fuel in the spent fuel pool, all FHIS Train B components were verified to have functioned properly. The actuation was verified to be spurious and subsequently reset at 2223.

The cause of the unplanned actuation was the deenergization of a control module during the establishment of a clearance to perform system modifications under a Design Change Package (DCP). This resulted in deenergization of the FHIS actuation relay and subsequent actuation of components in FHIS. The reason the actuation was unplanned was that the procedure being used to establish the clearance did not contain a caution to notify operators that an actuation would occur. Corrective action will be to revise appropriate FHIS operating procedures to include appropriate caution statements.

Neither the health and safety of plant personnel nor the public were affected by this event. There are no reasonable or credible circumstances under which this event could have been more severe.

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*Southern California Edison Company*

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**SCE**

J. G. HAYNES  
STATION MANAGER

October 16, 1984

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. 84-053  
San Onofre Nuclear Generating Station, Unit 2

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 a spurious actuation of the Fuel Handling Isolation System (FHIS). 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,

*J. G. Haynes*

Enclosure: LER No. 84-053

cc: A. E. Chaffee (USNRC Senior Resident Inspector, Units 1, 2 and 3)  
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)  
J. B. Martin (Regional Administrator, USNRC Region V)  
Institute of Nuclear Power Operations (INPO)

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