

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3										DOCKET NUMBER (2) 0 5 0 0 0 3 6 1 2				PAGE (3) 1 OF 0 2				
TITLE (4) JANUARY 7 and 8, 1984, SUSPENDED HOURLY FIRE WATCH PATROLS																		
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)								
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES			DOCKET NUMBER(S)						
0 1	0 7	8 4	8 4	0 0 2	0 0 0	0 2	0 6	8 4	UNIT 2			0 5 0 0 0 3 6 1						
OPERATING MODE (9) 3			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)															
POWER LEVEL (10) 0 1 0 1 0			20.402(b)				20.406(e)				50.73(a)(2)(iv)				73.71(b)			
			20.406(a)(1)(i)				50.36(e)(1)				50.73(a)(2)(v)				73.71(e)			
			20.406(a)(1)(ii)				X 50.36(e)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 365A)			
			20.406(a)(1)(iii)				X 50.73(a)(2)(i)				50.73(a)(2)(viii)(A)							
			20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)							
			20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)							
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	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS								
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 January 7, 1984, at 1022 and at 1645, with Unit 3 in Mode 3, and on January 8, 1984, at 1440, with Unit 3 in Mode 5, precautionary Penetration Building evacuations were initiated in the piping penetration area when the airborne iodine and noble gas concentrations were observed to increase above the precautionary evacuation level provided in Procedure S0123-VII-7.4. Concentrations of iodine increased to a maximum of  $3.4 \text{ E-10 uCi/cc}$  and noble gasses to a maximum of  $3.2 \text{ E-5 uCi/cc}$ . The airborne radioactivity did not exceed regulatory or Technical Specification limits.

Technical Specification required hourly fire watches in areas containing safety related equipment were suspended for one hour and sixteen minutes, two hours and five minutes, and one hour, respectively. These events were initially reported pursuant to 10 CFR 50.72(b)(1)(vi) and are reported herein pursuant to 10 CFR 50.36 and 50.73(a)(2)(i)(B). These events did not cause exposures to individuals exceeding regulatory limits. SCE had earlier initiated an engineering evaluation to determine the cause and corrective action for airborne radioactivity in the Penetration Building. Although this evaluation has identified the need for some corrective action in the form of valve maintenance to minimize leakage, the evaluation is not yet completed. All appropriate corrective action will be implemented following completion of the engineering evaluation.

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PDR ADOCK 05000362  
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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
SAN ONOFRE NUCLEAR GENERATING STATION UNIT 3	0 5 0 0 0 3 6 2 8 4	—	0 0 2	—	0 0	2 OF 0 2

TEXT (If more space is required, use additional NRC Form 365A a) (17)

On January 7, 1984, at 1022 and at 1645, with Unit 3 in Mode 3, and on January 8, 1984, at 1440, with Unit 3 in Mode 5, precautionary Penetration Building evacuations were initiated in the piping penetration area in room 209 on the 30 foot level and in rooms 107 and 113 on the 15 foot level when the airborne iodine and noble gas concentrations were observed to increase above the precautionary evacuation level specified in Procedure S0123-VII-7.4. The airborne concentrations, as determined by the routine area sampling and monitoring program, increased to a maximum of approximately 3.2 E-5 uCi/cc noble gas and approximately 3.4 E-10 uCi/cc Iodine-131 in the piping penetration area of the Unit 3 Penetration Building. The airborne radioactivity did not exceed regulatory or Technical Specification limits.

As a result of the evacuation of the piping penetration area, during the period of 1022 to 1138 and 1645 to 1850 on January 7, 1984, and 1440 to 1540 on January 8, 1984, hourly fire watches in these areas were suspended. Since the fire watches were required by Technical Specification 3.7.9 for inoperable fire barrier penetration seals, the suspension of hourly fire watches is reported pursuant to 10 CFR 50.36 and 50.73(a)(2)(i)(B). Notification to the NRC was made on January 9, 1984, at 1610 pursuant to 10 CFR 50.72(b)(1)(vi) when it was recognized that the suspension of the hourly fire watches constituted a reportable occurrence.

Subsequent review has determined the suspension of the hourly fire watches were not necessary to prevent personnel exposures from exceeding administrative limits. Since personnel were restricted from entering the area, no exposure above regulatory limits resulted from this incident.

Fire detection and suppression systems were operable on the other side of the fire rated barriers during these events. In addition, the dedicated fulltime fire brigade was available at all times for immediate response. The investigation of this incident indicates that there are no reasonable or credible circumstances which could have increased the severity of the incident. No plant systems or components failed as a result of this event. SCE had earlier initiated an engineering evaluation to determine the cause and corrective action for airborne radioactivity in the Penetration Building. Although this evaluation has identified the need for some corrective action in the form of valve maintenance to minimize leakage, the evaluation is not yet completed. All appropriate corrective action will be implemented following completion of the engineering evaluation.

*Southern California Edison Company*

**SCE**

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

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J. G. HAYNES  
STATION MANAGER

TELEPHONE  
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February 6, 1984

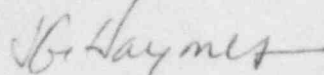
U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Subject: Docket No. 50-362  
30-Day Report  
Licensee Event Report No. 84-002  
San Onofre Nuclear Generating Station, Unit 3

Pursuant to 10 CFR 50.36(c)(2) and 50.73(a)(2)(i)(B), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving the precautionary evacuation of personnel in the piping penetration area of the Penetration Building due to an increase of airborne radioactivity. The airborne radioactivity did not exceed regulatory or Technical Specification limits. The health and safety of plant personnel or the public were not affected by this event.

If you require any additional information, please so advise.

Sincerely,



J. G. HAYNES  
STATION MANAGER

JAPagliaro:2505u:ps

Enclosure: LER No. 84-002

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)

U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement

Institute of Nuclear Power Operations (INPO)

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