

## 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 6 1	1 OF 0 1

TITLE (4)
CONTAINMENT PURGE ISOLATION SYSTEM TRAIN A SPURIOUS 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)												
1	2	2	8	4	0	7	6	0	1	1	8	8	5	0	5	0	0	0	0	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)																			
POWER LEVEL (10)			20.402(b)			20.405(c)			X			50.73(a)(2)(iv)			73.71(b)							
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 1 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)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO				

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

On December 22, 1984 at 2028, with Unit 2 defueled, the Train "A" Containment Purge Isolation System (CPIS) (EIIS System Code VA) spuriously actuated apparently from electrical noise spikes on Containment Area Radiation Monitor 2RT-7856 (EIIS Component Code RIT). No purge was in progress, so all purge isolation valves were already shut. Subsequent spurious actuations occurred on December 27, 1984, and January 4 and 13, 1985. After each actuation, containment radiation levels were verified to be below the CPIS actuation setpoint, and CPIS was reset.

The cause of the electrical noise is under investigation as reported previously in LERs 84-002, 84-004, 84-049, 84-061 and 84-071 (Docket No. 50-361), and 84-010 (Docket No. 50-362). Our preliminary investigation has been completed, and we are currently performing a detailed study of the plant ground system, with testing scheduled to begin in March 1985. Completion of the ground system study is scheduled for November 1, 1985, and upon determination of corrective action, we will submit a revision to LER 84-002.

There are no credible circumstances under which these events would have been more severe.

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*Southern California Edison Company*

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

**SCE**

J. G. HAYNES  
STATION MANAGER

TELEPHONE  
(714) 492-7700

January 18, 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. 84-076  
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 six occurrences involving the actuation of the Containment Purge Isolation System. Neither the health and safety of plant personnel nor the public were affected by these events.

If you require any additional information, please so advise.

Sincerely,

*RWK Kruger for JG Haynes*

Enclosure: LER No. 84-076

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, USNRC Region V)

Institute of Nuclear Power Operations (INPO)

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