PACELITY NAME [1]       DOCKET NUMBER [2]       PAGE [         SAM_ONDERE_NUCLEAR GENERATING_STATION_UNIT 2       0 [5 0 0 0 ] 3 [6] 1 ] 0 [0 0 ]       0 [5 0 0 0 ] 3 [6] 1 ] 0 [0 0 ]         CONTROL_ROOM_ISOLATION_SYSTEM_(CRIS)_TRAIN "B" ACTUATION       EVENT DATE [3]       DEP NUMBER [6]       OTHER FACILITIES INVOLVED [6]         MONTH       DAY       VEAR       NOMET       Day VEAR       PACINTY NAMES       DOCKET NUMBER [6]         NOMETH       DAY       VEAR       NOMETH       DAY       VEAR       PACINTY NAMES       DOCKET NUMBER [6]         NOMETH       DAY       VEAR       NOMETH       DAY       VEAR       PACINTY NAMES       DOCKET NUMBER [6]         OF 0 7 0 7 8 5 8 5 0 3 37 0 0 0 1 37 0 0 0 8 0 1 8 5 0       0 15 0 0 0 1 3 6 1 1 0 0 0 1 3 6 1 1 0 0 0 1 3 6 0 1 1 8 5 0 0 15 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0	NRC Form 366 (5/83)									LICENSEE EVENT REPORT (LER)								U.S	U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/85					
SAN ONDERE NUCLEAR GENERATING STATION UNIT 2         0 5 0 0 0 3 61 1 0 0 0           CONTROL ROOM ISOLATION SYSTEM (CRIS) TRAIN "B" ACTUATION         OTHER FACILITIES INVOLVED (8)           RONTH DAY (3)         LER NUMBER (6)         REPORT DATE (7)           NONTH DAY (4AA         NUMBER (6)         DOTHER PACILITY NAMES           NONTH DAY (4AA         NUMBER (6)         DOTHER CLUTY NAMES           NONTH DAY (4AA         NUMBER (5)         DOTHER FACILITIES INVOLVED (8)           OFFICE         OTTHER (5DECHT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)           ODEC (9)         1 20.405(a)(1)(1)         50.36(c)(2)         50.73(a)(2)(v)           POWER         20.405(a)(1)(10)         50.73(a)(2)(v)         73.71(c)           DOTHER (5DECIVIN ADDITED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)         OTHER (5DECIVIN ADDITED)           POWER         20.405(a)(1)(0)         50.73(a)(2)(v)         50.73	PACILITY	NAME	(+)		-		-											0	-	NUMBE	m (2)	PA	GE (3)	
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OPERATING MODE [9]         THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)           POWER LEVEL (101         20.402(b)         20.405(c)         X         50.73(a)(2)(iv)         73.71(b)           POWER LEVEL (101         20.405(a)(1)(i)         50.36(c)(1)         50.73(a)(2)(v)         73.71(c)           USE SUPPLEMENTAL REPORT ABLE TO NPRDS         20.405(a)(1)(i)         50.36(c)(2)         50.73(a)(2)(vi)         OTHER (Specify in Abst 50.73(a)(2)(vi)           VALUE         20.405(a)(1)(ii)         50.73(a)(2)(ii)         50.73(a)(2)(vi)         OTHER (Specify in Abst 50.73(a)(2)(vi)           20.405(a)(1)(iii)         50.73(a)(2)(ii)         50.73(a)(2)(vi)         50.73(a)(2)(vi)         OTHER (Specify in Abst 50.73(a)(2)(vii)(B)           20.405(a)(1)(iv)         50.73(a)(2)(ii)         50.73(a)(2)(vii)         50.73(a)(2)(vii)(B)         50.73(a)(2)(vii)(B)           20.405(a)(1)(v)         50.73(a)(2)(iii)         50.73(a)(2)(vii)         50.73(a)(2)(vii)         Form 366A)           20.405(a)(1)(v)         50.73(a)(2)(iii)         50.73(a)(2)(vii)         50.73(a)(2)(vii)         Form 366A)           20.405(a)(1)(v)         50.73(a)(2)(iii)         50.73(a)(2)(vii)         50.73(a)(2)(vii)         Form 366A)           VILCENSEE CONTACT FOR THIS LER         Component         Manu pac         TelePon	d 7	0 7	8	5	8	5	0	317	1-	0 0	q 8	011	8	5			<u>.</u>		_		0  5  0	0 0	i.t	
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YES SUBMISSION DATE V NO DATE (15)	YE	YES (If yes, complete EXPECTED NO														SUBMISSION DATE (15)								

On 7/7/85 at 1000, with Units 2 and 3 at 100% and 55% power, respectively, the Control Room Isolation System (CRIS) (EIIS System Code VA) Train "B" actuated due to a malfunction of Control Room Radiation Monitor 2/3RE-7825B (EIIS Component Code RIT). The Control Room Emergency Air Cleanup System (CREACUS) (EIIS System Code VI) actuated as required.

The cause of the actuation was a failure of the alarm defeat circuit in a test module being used in 2/3RE-7825B while trouble-shooting spurious noise problems (see LER 85-033). The test module had been inserted in place of the normal module to observe its response to injected noise. The test module's alarm defeat circuit, which had been checked for proper operation prior to use, was actuated but failed to prevent a CRIS actuation. The test module alarm defeat circuit was again checked after the event but failed its test, indicating the failure occurred after the initial check of the test module alarm defeat circuit. The test module was replaced with a new test module and trouble-shooting was resumed. No further corrective action is planned.

Since all systems responded as required, there are no reasonable or credible circumstances under which this event would have been more severe.

NRC Form 366 (9-83)

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## Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION P.O. BOX 128 SAN CLEMENTE, CALIFORNIA 92672

H. E. MORGAN STATION MANAGER

## August 1, 1985

TELEPHONE (714) 492-7700

and Law Seres

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

Subject:

Docket No. 50-361 30 Day Report Licensee Event Report No. 85-037 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 Control Room Isolation System (CRIS). Since this occurrence involved a shared system between Units 2 and 3, a single report is being submitted in accordance with NUREG-1022. Neither the health and safety of plant personnel nor the health and safety of the public was affected by these events.

If you require any additional information, please so advise.

Sincerely, HEMorga

Enclosure: LER 85-037

cc: F. R. Huey (USNRC Senior Resident Inspector, Units 1, 2, and 3)

J. B. Martin (USNRC Regional Administrator, Region V)

Institute of Nuclear Power Operations (INPO)

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