

CONTROL BLOCK (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 C A S O S 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

CONT

01 REPORT SOURCE L 6 0 5 0 0 0 3 6 2 7 0 9 0 1 8 3 8 10 0 4 8 3 9  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On September 1, 1983, at 1040, with Unit 3 in Mode 2, a partial (one  
03 phase) trip of the individual supply breaker for Part Length CEA 32  
04 rendered the CEA incapable of withdrawal (it retained its trip capability  
05 during the event). Action Statement 'g' associated with LCO 3.1.3.1 was  
06 immediately invoked. The requirements of this Action Statement were  
07 met, since CEA 32 remained within 7 inches of all other CEA's in its  
08 group. CEA 32 was returned to service at 2136 on September 1, 1983.  
(See Attachment.)

09 R B 11 B 12 A 13 C R D R V E 14 Z 15 Z 16  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

17 LER/RO REPORT NUMBER 8 3 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

ACTION TAKEN 18 Z 19 Z 20 Z 21 Z 22 0 0 0 0 23 Y 24 N 25 N 26 C 27 4 28 9 29 0 30

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause of these events was overheating in the CEDM Room which  
11 resulted in failure of CEDM control circuitry components. In each  
12 case, the failed components were replaced. To prevent recurrence,  
13 cooling of the CEDM Room has been increased. No further corrective  
14 action is planned.

15 FACILITY STATUS B 28 0 0 0 0 29 NA 30 METHOD OF DISCOVERY A 31 Operator Observation 32  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 Z 34 NA 35 LOCATION OF RELEASE 36  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

17 PERSONNEL EXPOSURES NUMBER 0 0 0 0 37 Z 38 NA 39  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

18 PERSONNEL INJURIES NUMBER 0 0 0 0 40 NA 41  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 NA 43  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

20 PUBLICITY ISSUED DESCRIPTION N 44 NA 45  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

NAME OF PREPARER H. B. RAY PHONE 714/492-7700

*Southern California Edison Company*

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. B. RAY  
STATION MANAGER

October 4, 1983

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RECEIVED  
SCE  
TELEPHONE  
(714) 492-7700

U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596-5368

Attention: Mr. J. B. Martin, Regional Administrator

Dear Sir:

Subject: Docket No. 50-362  
30-Day Report  
Licensee Event Report No. 83-067  
San Onofre Nuclear Generating Station, Unit 3

Pursuant to Section 6.9.1.13.b of Appendix A, Technical Specifications to Facility Operating License NPF-15 for San Onofre Unit 3, this submittal provides the required 30-day written report and a copy of the Licensee Event Report (LER) form for three occurrences involving Limiting Condition for Operation (LCO) 3.1.3.1 and 3.1.3.5 involving the Control Element Assemblies (CEA's). Since the three occurrences involve the same components, system, cause and method of discovery, these events have been combined into a single report in accordance with NUREG-0161. This report was delayed one day in order to provide a complete response.

On September 1, 1983, at 1040 with Unit 3 in Mode 2, a partial (one phase) trip of the individual supply breaker for Part Length CEA 32 rendered the CEA incapable of withdrawal (it retained its trip capability throughout the event). Action Statement 'g' associated with LCO 3.1.3.1 was immediately invoked. The requirements of this Action Statement were met, since CEA 32 remained within 7 inches of all other CEA's in its group.

The cause of this event was overheating in the CEDM Room which resulted in the failure of a resistor in CEA 32's control circuitry. The resistor was replaced and CEA 32 was returned to service at 2136 on September 1, 1983.

11 JE 22

October 4, 1983

The second event occurred on September 2, 1983, at 0920 with Unit 3 in Mode 2. Part Length CEA 32 dropped from 150 inches to the fully inserted position. Action Statement 'c' associated with LCO 3.1.3.1 was invoked. CEA 32 was not recovered within the one hour limit of the Action Statement, therefore, shutdown to Hot Standby was commenced at 1020. Hot Standby was achieved at 1045, satisfying the requirement of the Action Statement.

The cause of this event is the same as the first event. However, an optical isolator chip was also damaged. Both the resistor and the optical isolator chip were replaced and CEA 32 was returned to service at 1345 on September 2, 1983.

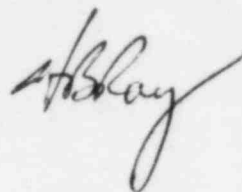
The third event occurred on September 7, 1983, at 0928 with Unit 3 in Mode 2. Shutdown CEA 40 dropped during a transfer of Subgroup 9-Shutdown Bank B to its hold bus. Action Statement 'c' associated with LCO 3.1.3.1 and Action Statement 'a' associated with LCO 3.1.3.5 were invoked. CEA 40 was realigned with its group at 1018, thus satisfying the one hour limit of both Action Statements.

The cause of this event is the same as the previous events. However, a power fuse was also damaged. The resistor and the power fuse were replaced and CEA 40 was returned to service at 1018 on September 7, 1983.

To prevent recurrence, cooling of the CEDM Room has been increased. No further corrective action is planned. There was no impact on the health and safety of plant personnel or the public associated with these events.

If there are any questions regarding the above, please so advise.

Sincerely,



Enclosure: LFR No. 83-067

October 4, 1983

cc: A. E. Chaffee (USNRC Resident Inspector, Units 2 and 3)  
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

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

U. S. Nuclear Regulatory Commission  
Division of Technical Information and Document Control

Institute of Nuclear Power Operations (INPO)

ATTACHMENT TO LER 83-067  
SOUTHERN CALIFORNIA EDISON COMPANY  
SAN ONOFRE NUCLEAR GENERATING STATION  
UNIT NO. 3, DOCKET NO. 50-362

SUPPLEMENTAL INFORMATION FOR EVENT DESCRIPTION AND PROBABLE  
CONSEQUENCES

The second event occurred on September 2, 1983, at 0920, with Unit 3 in Mode 2. Part Length CEA 32 dropped from 150 inches to the fully inserted position. Action Statement 'c' associated with LCO 3.1.3.1 was invoked. CEA 32 was not recovered within the one hour limit of the Action Statement, therefore, shutdown to Hot Standby was commenced at 1020. Hot Standby was achieved at 1045 satisfying the requirement of the Action Statement. CEA 32 was returned to service at 1345 on September 2, 1983.

The third event occurred on September 7, 1983, at 0928, with Unit 3 in Mode 2. Shutdown CEA 40 dropped during a transfer of Subgroup 9-Shutdown Bank B to its hold bus. Action Statement 'c' associated with LCO 3.1.3.1 and Action Statement 'a' associated with LCO 3.1.3.5 were invoked. CEA 40 was realigned with its group at 1018, thus satisfying the one hour limit of both Action Statements. CEA 40 was returned to service at that time.

Public health and safety were not affected as a result of these events.