NRC FORM 366 (12-81) 10 CFR 50 U.S. NUCLEAR PEGULATORY COMMISSION APPROVED BY OMS LICENSEE EVENT REPORT 3150-0011 CONTROL BLOCK (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 0 IC A SIOIS 200 0 1 CONT ARPORT LO 0 5 0 0 03 6 1 0 0 8 1 3 8 3 0 0 9 1 2 8 3 0 BOCKET NUMBER S S EVENT DATE 74 75 REPORT DATE S 0 1 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) [ At 0714 with the Unit in Mode 1, Control Element Assembly Calculator (CEAC) 2 was declared inoperable due to inaccurate position indication on 0 3 three target CEA's for Core Protection Calculator (CPC) Channel D. As 0 4 required by Table 3.3-1 and Action Statement 6a of LCO 3.3.1, at least 0 5 | once per 4 hours each CEA was verified to be within 7 inches of all 0 6 other CEA's in its group. CEAC 2 was declared operable at 1500 on 0 7 os 8/15/83 in accordance with Surveillance Procedure S023-II-6.2.3 (See \* Attachment) CAUSE COMP. CAUSE SUBCODE COMPONENT CODE T 15 Z 16 A (1) X (12) NISI TIRUU 0 9 Z 13 III 19 12 13 SEQUENTIAL REVISION OCCURRENCE REPORT REPORT NO CODE NUMBER 101 918 0131 1 11 10 -----28 24 32 22 30 31 Y 23 ACTION FUTURE TAKEN ACTION EFFECT ON PLANT SHUTDOWN COMPONEN NPRD-4 FORM SUB. RIME COMP. MANUFACTURER 26 (22) HOURS METHOD N @ LC 14 19 10 B 18 Z 19 Z 21 10 10 10 01 N 25 Z 20 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) [ Troubleshooting of CEAC 2 following the August 13, 1983 event provided 1 0 1 1 no apparent cause for the inaccurate indication. Troubleshooting following the August 16, 1983 event revealed 2 loose screw connections on position transmitter inputs to CPC Channel D and CEAC 2. These screws 1 3 4 are not normally removed or adjusted. (See Attachment.) FACILITY METHOD OF OTHER STATUS (30) (32) STATUS . POWER DISCOVERY DESCRIP Operator Observation A 5 B 28 1 0 0 29 NA 1 ACTIVITY CONTENT 1.3 AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) RELEASED OF RELEASE Z 3 LZ3 NA NA 1 6 10 5.1 PERSONNEL EXPOSURES NUMBER OF ZO 7 0 0 NA PERSONNEL INJURIES DESCRIPTION (41) NUMBER 0000 NA 1 8 11 12 .0 TYPE DESCRIPTION (43) Z (2) NA 1 9 80 IBBUED DESCRIPTION (45) NRC USE ONLY NA 1111111 towa. 714/492-7700 PHONE .\_\_ NAME OF PREPARER 8309260322 830912 PDR ADOCK 05000361 PDR

# ATTACHMENT TO LER 83-098 SOUTHERN CALIFORNIA EDISON COMPANY SAN ONOFRE NUCLEAR GENERATING STATION UNIT NO 2, DOCKET NO. 50-361

# SUPPLEMENTAL INFORMATION FOR EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

At 1130 on August 16, 1983, with the Unit in Mode 1, CEAC 2 was again declared inoperable due to improper position indication on CPC Channel D target CEA'S. LCO 3.3.1 was again invoked as described above. There was no impact on the health and safety of the public since CEAC 1 remained operable.

### SUPPLEMENTAL INFORMATION FOR CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

Therefore, it is believed that they were not fully tightened during installation or they worked loose by vibration. After the screws were tightened, CEAC 2 was declared operable at 0230 on August 19, 1983. This was the first incident of this type on the CEAC's. No further corrective actions are considered necessary.

# Southern California Edison Company

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

H. B. RAY STATION MANAGER

×.

#### September 12, 1983

TELE HONE (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. 50-361 30-Day Report Licensee Event Report No. 83-098 San Onofre Nuclear Generating Station, Unit 2

Pursuant to Section 6.9.1.13.b of Appendix A, Technical Specifications to Facility Operating License NPF-10 for San Onofre Unit 2, this submittal provides the required 30-day written report and copy of the Licensee Event Report (LER) form for two occurrences involving Limiting Condition for Operation (LCO) 3.3.1 associated with the Reactor Protection System (RPS). These events have been combined into a single report in accordance with NUREG-0161.

Enclosed LER 83-098 addresses these events, including corrective actions and measures to prevent recurrence.

If there are any questions regarding the above, please contact me.

Sincerely.

01

Enclosure: LER No. 83-098

\* \*

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)