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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 CASOIS 3200-0000000-00003411111145
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CONT

01 REPORT SOURCE L605000362705278380627839
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 SCE was notified by Combustion Engineering, Inc., (CE) that seismic testing of a

03 Qualified Safety Parameter Display System (QSPDS) similar to that installed at

04 Unit 3 had revealed a potential for loss of indication during and after a seismic

05 event. This would result in loss of indication for certain accident monitoring

06 instrumentation, including the Subcooling Margin Monitor and Core Exit

07 Thermocouples.

08

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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Investigation disclosed that the loss of indication in the QSPDS chassis undergoing

11 test was due to manufacturing debris (a loose lockwasher) and that no such debris

12 is in the equipment installed in the plant. Following removal of the debris from

13 the chassis undergoing test, it successfully passed its seismic qualification.

14 Accordingly, the equipment installed in the plant remains seismically qualified.

15 B 28 0000 29 NA 30 D 31 Vendor Notification
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 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 10016 Z 33 Z 34 NA 35 NA 36
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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

June 27, 1983

RECEIVED
NRC
SCE
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REGION V
TELEPHONE
(714) 392-7700

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. 83-034
San Onofre Nuclear Generating Station, Unit 3

Reference: Letter, H.B. Ray (SCE) to J.B. Martin (NRC),
dated May 31, 1983

The referenced letter provided you with confirmation of our prompt notification, pursuant to License Condition 2.G of Facility Operating License NPF-15, for San Onofre Unit 3, and Section 6.9.1.12.b of Appendix A, Technical Specifications to that license, of an occurrence involving the Qualified Safety Parameter Display System (QSPDS).

On March 27, 1983 we were informed by Combustion Engineering, Inc. (CE), the vendor who supplies the Qualified Safety Parameter Display System (QSPDS) for San Onofre Unit 3, that seismic testing of a QSPDS chassis similar to that installed at Unit 3 revealed the potential for a loss of indication during and after a seismic event. As this system is required by License Condition 2.C(17)h of Facility Operating License NPF-15, for San Onofre Unit 3, a prompt report was made pursuant to License Condition 2.G, as confirmed by the referenced letter.

Subsequent investigation by CE has concluded that the loss of indication in the equipment undergoing test was due to manufacturing debris (a loose lockwasher) rather than shorting of a power cable due to abrasion, as initially suspected. Inspection of the QSPDS equipment installed at San Onofre indicates that it does not contain any such debris and remains seismically qualified.

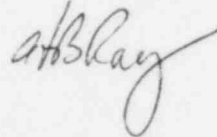
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June 27, 1983

Accordingly, this 30-day report and attached LER are submitted in lieu of the normal 14-day follow-up to the prompt report.

If there are any questions regarding this event, please contact me.

Sincerely,



Enclosure

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

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

U.S. Nuclear Regulatory Commission
Office of Management Information and Program Control (MIPC)

Institute of Nuclear Power Operations (INPO)