

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 | 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

CONT

01 | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 5 | 2 | 7 | 1 | 2 | 3 | 0 | 8 | 3 | 8 | 0 | 1 | 3 | 0 | 8 | 4 | 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 33EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
02 | On December 30, 1983, with Unit 3 in Mode 1, Reactor Trip Breaker (RTB)

03 | surveillance testing was in progress. During this testing, the under-

04 | voltage (UV) trip device of RTB #9 (Serial No. 256A4002-656-8) exhibited

05 | a procedurally unacceptable response time. Public health and safety were

06 | not affected since the breaker was located in the non-safety related cross-

07 | tie position which does not open on a reactor trip. Furthermore, the breaker

08 | continues to function properly using the shunt trip device.

09 | SYSTEM CODE: I A 11 | CAUSE CODE: E 12 | CAUSE SUBCODE: A 13 | COMPONENT CODE: C K T B R K 14 | COMP. SUBCODE: A 15 | VALVE SUBCODE: Z 16 |
17 | LER/RO REPORT NUMBER: 83 | EVENT YEAR: 83 | SEQUENTIAL REPORT NO.: 116 | OCCURRENCE CODE: 13 | REPORT TYPE: X | REVISION NO.: 0
18 | ACTION TAKEN: C 18 | FUTURE ACTION: X 19 | EFFECT ON PLANT: Z 20 | SHUTDOWN METHOD: Z 21 | HOURS: 0000 | ATTACHMENT SUBMITTED: N 22 | NPD-4 FORM SUB.: Y 24 | PRIME COMP. SUPPLIER: N 25 | COMPONENT MANUFACTURER: G 26CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10 | RTB Serial No. 256A4002-656-8 was removed from service and replaced with an

11 | acceptable spare. RTB Serial No. 256A4002-656-8 will not be returned to

12 | service. RTB investigations continue. See also LER 83-125, Rev. 0 and

13 | LER 83-125, Rev. 1 (Docket 50-361)

14 | FACILITY STATUS: B 28 | % POWER: 100 29 | OTHER STATUS: NA 30 | METHOD OF DISCOVERY: B 31 | DISCOVERY DESCRIPTION: Surveillance testing 32 |

15 | ACTIVITY CONTENT RELEASED OF RELEASE: Z 33 | AMOUNT OF ACTIVITY: NA 35 | LOCATION OF RELEASE: NA 36 |

16 | PERSONNEL EXPOSURES NUMBER: 000 37 | TYPE: Z 38 | DESCRIPTION: NA 39 |

17 | PERSONNEL INJURIES NUMBER: 000 40 | TYPE: Z 41 | DESCRIPTION: NA 42 |

18 | LOSS OF OR DAMAGE TO FACILITY TYPE: Z 42 | DESCRIPTION: NA 43 |

19 | PUBLICITY ISSUED DESCRIPTION: NA 45 | NAME OF PREPARER: J. G. HAYNES | PHONE: 714/492-7700

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92072

January 30, 1984

J. G. HAYNES
STATION MANAGER

RECEIVED
NRC

1984 FEB -2 PM 12:35

SCE

REGION V

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
Informational Report
Licensee Event Report No. 83-116
San Onofre Nuclear Generating Station, Unit 3

- References:
- 1) Letter, J. G. Haynes (SCE) to J. B. Martin (NRC),
"14-Day Follow-Up Report,
Licensee Event Report 83-125, Revision 1
(Docket No. 50-361)," dated October 31, 1983
 - 2) Letter, J. G. Haynes (SCE) to J. B. Martin (NRC),
"14-Day Follow-Up Report,
Licensee Event Report 83-125 (Docket No. 50-361),"
dated October 18, 1983
 - 3) Reactor Trip Breaker Report, transmitted by letter,
R. Dietch (SCE) to H. R. Denton (NRC),
dated April 15, 1983.

This report is submitted to provide information involving operation of Reactor Trip Breakers (RTB's) on their undervoltage (UV) trip devices. (As in the past, the breakers continue to function acceptably using the shunt trip device.) Although this occurrence was determined to be not reportable under the Unit 3 Technical Specifications, we are submitting this report to inform you of the circumstances involved and corrective actions taken.

As stated in Reference (1), RTB #6 (Serial No. 256A4002-656-8) for Unit 2 was returned to service in the Unit 3 non-safety related cross-tie breaker position (RTB #9) and its performance has since been closely monitored. On December 30, 1983, with Unit 3 in Mode 1 at 100% power and during independent measurement and verification of UV trip devices per our Procedures SO23-II-11.161 and SO23-II-11.162 prior to the scheduled RTB maintenance as

IE-22 11

January 30, 1984

described in Reference (2), the UV trip device for Unit 3 RTB #9 (Serial No. 256A4002-656-8) exhibited a procedurally unacceptable response time. Response times for this RTB were 92 msec, 69 msec and 69 msec. Our Procedure SO23-II-11.162 contains an acceptance criterion of 82 msec, which was developed from baseline testing described in Reference (3) and consideration of the Combustion Engineering guideline of 100 msec.

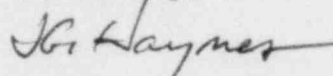
No Action Statements were entered since this breaker is located in the non-safety related cross-tie position and does not open on a reactor trip. RTB Serial No. 256A4002-656-8 was immediately removed from service and replaced with an acceptable spare. RTB Serial No. 256A4002-656-8 will not be returned to service.

In addition, our investigation of the breakers and related data is continuing, with the support and assistance of SCE and CE organizations and the vendor, as appropriate. We will continue to keep you abreast of this and any conclusions in regard to the cause of the anomalies observed as we continue our investigation.

Public health and safety were not affected since the breaker was located in the non-safety related cross-tie position which does not open on a reactor trip. Furthermore, the breaker continues to function properly using the shunt trip device.

If you require any additional information, please so advise.

Sincerely,



Enclosure: LER No. 83-116

cc: A. E. Chaffee (USNRC Resident Inspector, Units 1, 2 and 3)
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

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

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