

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 C A S O S 3 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 5  
8 9 LICENSE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 58

0 1 REPORT SOURCE L 6 0 5 0 0 0 3 6 2 7 0 3 2 3 8 3 8 0 4 0 4 8 3 9  
7 8 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During the post-core hot functional testing and subsequent followup troubleshooting,  
0 3 a potential safety concern involving calibration shift of Foxboro 2A0-V3I modules  
0 4 associated with the Core Protection Calculators (CPC's) was identified. If left un-  
0 5 corrected, this shift could result in erroneous primary loop temperature ( $T_{hot}$  &  $T_{cold}$ )  
0 6 being transmitted to the CPC's and therefore, a non-conservative calculation in the  
0 7 CPC's possibly delaying or preventing a reactor-trip signal being generated as described  
0 8 in our FSAR. The calibration shift was corrected by use of extender cards. There  
0 9 was no impact on the health and safety of plant personnel or the public.

0 9 SYSTEM CODE I A 11 CAUSE CODE B 12 CAUSE SUBCODE A 13 COMPONENT CODE I N S T R U 14 COMP SUBCODE Y 15 VALVE SUBCODE Z 16  
7 8 9 10 11 12 13 14 15 16  
17 LER NO. REPORT NUMBER 8 3 21 22 23 24 25 26 27 28 29 30 31 32  
18 ACTION TAKEN A 18 33 FUTURE ACTION Z 19 34 EFFECT ON PLANT Z 20 35 SHUTDOWN METHOD Z 21 36 HOURS 0 0 0 22 37 38 39 40 ATTACHMENT SUBMITTED N 23 41 NPD-4 FORM SUB. N 24 42 PRIME COMP. SUPPLIER N 25 43 COMPONENT MANUFACTURER F 1 8 0 26 44 45 46 47

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The potential calibration shift is attributed to problems with the amplifier associated  
1 1 with the 2A0-V3I modules. A design change has been approved to replace the 2A0-V3I  
1 2 modules with 2A0-V2I modules not susceptible to this calibration shift. The replacement of  
1 3 these modules is currently underway and is expected to be completed prior to Mode 2 entry.

1 4

1 5 FACILITY STATUS B 28 29 % POWER 0 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY D 31 32 DISCOVERY DESCRIPTION Review of test data  
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

1 6 ACTIVITY CONTENT Z 33 34 RELEASED OF RELEASE Z 34 35 AMOUNT OF ACTIVITY NA 36 LOCATION OF RELEASE NA 37  
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

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 38 TYPE Z 38 39 DESCRIPTION NA 40  
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

1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 41 DESCRIPTION NA 42  
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

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 43 DESCRIPTION NA 44  
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

2 0 PUBLICITY ISSUED N 44 45 DESCRIPTION NA 46  
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

H. B. RAM

8304140318 830405  
PDR ADOCK 05000361  
S PDR

NRC USE ONLY

714/492-7700