

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQD

(INFORMATION)

CONTROL BLOCK: 1 2 3 4 5 6 (1) (PLEASE PRINT OR TYPE ALL REQL INFORMATION)

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 99 100

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LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

REPORT
SOURCE

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60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

DOCKET NUMBER

EVENT DATE

REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

With the Unit at 49% power, the rod position indicators for E-11 and G-3 were

observed to be greater than 12 steps out of alignment with other rods in their

respective banks. This is contrary to T.S.3.12.E.1 and reportable per T.S.6.6.2.b.(2).

The control of rods G-3 and E-11 was not affected and all rods were capable of being

dropped when required. Therefore, the health and safety of the public were not

affected.

SYSTEM CODE I F 11		CAUSE CODE E 12		CAUSE SUBCODE E 13		COMP. SUBCODE X 15		VALVE SUBCODE Z 16	
EVENT YEAR 8 3 22		SEQUENTIAL REPORT NO. 0 2 0 26		OCCURRENCE CODE 0 3 28		REPORT TYPE L 30		REVISION NO. 0 32	
ACTION TAKEN E 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22	
ATTACHMENT SUBMITTED Y 23		NPR-4 FORM SUB. Y 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER M 0 3 5 26		CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The RPI malfunctions for rods E-11 and G-3 was the result of drift in the signal

conditioning module. In addition, the control room indicator for rod G-3 was found

to have drifted. Instrumentation was calibrated and returned to service.

FACILITY STATUS		N POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
ACTIVITY CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		DURING PERIODIC TEST			
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
PERSONNEL EXPOSURES		PERSONNEL INJURIES		PERSONNEL INJURIES		PERSONNEL INJURIES		PERSONNEL INJURIES	
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LOTS OF OR OF PAGE TO FACILITY		TYPE		TYPE		TYPE		TYPE	
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(1994) 187-194

ATTACHMENT 1
SURREY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 83-020/03L-0
EVENT DATE: 04-13-83

TITLE OF THE EVENT: IRPI MALFUNCTION

1. Description of the Event

With the unit at 49% power, the Rod Position indicators for E-11 and G-3 were observed to be greater than 12 steps out of alignment with other rods in their respective banks. This is contrary to T.S.3.12.E.1 and reportable per T.S.6.6.2.b.(2).

2. Probable Consequences and Status of Redundant Equipment

The Rod Position indicators give continuous indication of the position of each control rod. The RPI misalignment did not affect the control of rods G-3 or E-11. Each rod was capable of being dropped, therefore, the health and safety of the public would not have been affected.

3. Cause

The erroneous RPI indication for control rods E-11 and G-3 was the result of drift in the signal conditioning module. In addition, the control room indicator for control rod G-3 was found to have drifted.

4. Immediate Corrective Action

The rods were verified as not misaligned.

5. Subsequent Corrective Action

The signal conditioning module for both RPI's were calibrated. Also the control room indicator for rod G-3 was calibrated. Both RPI's were returned to service.

6. Action Taken to Prevent Recurrence

None deemed necessary.

7. Generic Implications

None.