

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1		L	L	S	C	1	(2)	0	0	-	0	0	0	0	-	0	0	(3)	4	1	0	0	0	(4)			(5)				
7	8		LICENSER CODE						14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT					58

CONT

REPORT SOURCE L 6 0 5 0 0 0 3 7 3 7 0 3 1 7 8 3 2 0 4 1 5 8 3 9

60 81 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0	2	
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03 The test data of LIS-PC-17 for 1B21-N015A was improperly evaluated causing the

04 | response time to be approximately 2 seconds instead of the 74 milliseconds stated.

05 | The consequences were slight because other three channels were operable and 1B21-N015,

06 would have caused isolation at a slightly longer time.

0	7	
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08 | _____

7 8 9 10 11 12 13 14 15 16

(17) LER/RO REPORT NUMBER [8 3] [—] REPORT NO. [0 2 9] [/] CODE [0 3] TYPE [L] [—] NO. [0]

ACTION TAKEN (E) 18 FUTURE ACTION (X) 19 EFFECT ON PLANT (Z) 20 SHUTDOWN METHOD (Z) 21 HOURS (0 0 0 0) 22 ATTACHMENT SUBMITTED (Y) 23 NPRO-4 FORM SUB. (N) 24 PRIME COMP. SUPPLIER (Z) 25 COMPONENT MANUFACT. (Z 9 9) 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	0	The cause was procedures for calibration of switch allowed the switch to be left
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1 1 | non-conservative direction and the procedure for response time test did not clearly

state what to use as reference. Switch was retested satisfactory and all response

time procedure will be revised as applicable. Calibration procedure has to be

1	4	revised.
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7 8 9
FACILITY STATUS 1 5 B (28) % POWER 0 1 8 (29) OTHER STATUS NA (30) METHOD OF DISCOVERY B (31) DISCOVERY DESCRIPTION Observation (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 2 33 3 34

AMOUNT OF ACTIVITY (35)

NA

44

LOCATION OF RELEASE (36)

NA

45

PERSONNEL EXPOSURES										
NUMBER				TYPE	DESCRIPTION	(39)				
1	2	0	0	0	(37)	Z	(38)	NA		

7	8	9	11	12	13
PERSONNEL INJURIES					
NUMBER			DESCRIPTION (41)		

1 8 0 0 0 40 NA
7 8 9 11 12
LOSS OF OR DAMAGE TO FACILITY (42) 8304220251 830415
PDR ADDCK 05000373

TYPE		DESCRIPTION	NA	S	PDR
1	9	Z	(42)		
7	8	9	10		

ISSUED ☐ PUBLICITY ☐ DESCRIPTION ☒ (45) NA

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- I. LER NUMBER: 83-029/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

During a review of Response Time Data for Main Steam Isolation Valve isolation on low steam line pressure, it was noted that the data collected in January 1982 had been improperly evaluated. The data had been evaluated using the actual switch trip point instead of the reference Technical Specification set point. This evaluation stated the response time for the 1B21-N015A to be 74 milliseconds when, in fact, it was approximately 2 seconds. The Technical Specification requires a response time of less than or equal to 1 second.

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

This event was of little safety significance because the other three trip channels were tested satisfactory in January 1982 and would have acted in the allotted time to cause the Main Steam Isolation Valve to isolate. The 1B21-N015A switch would have still caused an isolation signal to be generated but at a slightly longer than allowable time. The 1B21-N015A would have generated the signal in the allotted time if its trip set point had been equal to or greater than the Technical Specification setpoint. It was verified to have been in this state for all quarters of 1982 beyond April 1982 except for the last quarter when it was found low and immediately recalibrated to a setpoint above the Technical Specification setpoint. This is the first occurrence of this kind.

VI. CAUSE:

The cause of the switch being out of the allotted response time was due to the fact that in January 1982 it was calibrated to Technical Specification setpoint (854 psig) plus head correction (5 psig) with an allowable tolerance of plus or minus 10 psig by Procedure LIS-MS-01 and left at approximately 856 psig. So when the response time test was performed it took approximately 1.5 seconds to reach its actual trip setpoint when using Technical Specification Reference Set point as the reference. The cause of the improper evaluation was due to the Procedure LIS-PC-17 Attachment B being unclear as to what setpoint to use as a reference point. Both the Technical Specification Reference setpoint and actual trip point are recorded in accordance with instructions. LIS-PC-17, Attachment B, states to use "setpoint". The actual trip setpoint was used as a reference rather than the Technical Specification Reference setpoint.

VII. CORRECTIVE ACTION:

The switch was declared "Inop" and a half isolation was placed in the Main Steam Isolation Valve Isolation Logic Channel. The switch was then response

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CORRECTIVE ACTION (cont'd)

time tested satisfactory and declared "Operable".

The long term actions to prevent recurrence are to review all response time test data to verify a similar mistake was not made, to revise Attachment B of response time test procedures, as required, to clearly state which setpoint to use as a reference, and to revise LIS-MS-01 to insure B21-N015 switch is set in accordance with the Technical Specification setpoint.

Prepared by: M. Cray