

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | 2 | 3 | 4 | 5 | 6 | 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 |

LICENSEE CODE 14 LICENSE NUMBER 25 LICENSE TYPE JO 57 CAT 58

CON'T

REPORT SOURCE 60 DOCKET NUMBER 68 EVENT DATE 74 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

During the performance of LIS-HP-10 calibration, indicating switches 1B21-N100A & B

were found out of tolerance in the non-conservative direction. Both of the indicating

switches were still operable although their automatic function would have occurred at

a higher value. These 2 switches provide auto-closure of the HPCS injection valve at hi-

hi RX water level. In addition to the auto feature, manual operation of the HPCS

injection valve was available. Safety of the plant and public was maintained at all times.

3	8												
0	9												
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
S	F	E	E	I N S T R U				S	Z				
9	10	11	12	13	14	15	16	17	18				
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
8	3	0	2	3	0	3	L	0					
21	22	23	24	25	26	27	28	29					
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS					
F	X	Z	Z	0		0		0					
33	34	35	36	37	38	39	40	41	42				
ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
Y	N	A	B		0		8		0				
43	44	45	46	47	48	49	50	51	52	53			

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
Cause was instrument drift. Instrument Model 288A Barton is currently being tracked to

determine cause of instrument drift. Consideration will be given to adjusting the set

point to account for higher drift allowance, or replacing the existing Barton Model 288A.

1	3														
1	4														
7	8	9													
FACILITY STATUS			% POWER			OTHER STATUS (30)			METHOD OF DISCOVERY			DISCOVERY DESCRIPTION (32)			
1	5	B	(28)	0	1	7	(29)	NA	B	(31)	LIS-HP-10				
7	8	9	10	11	12	13	14	15	16	17	18	19	20		
ACTIVITY CONTENT			RELEASED OF RELEASE			AMOUNT OF ACTIVITY (35)			LOCATION OF RELEASE (36)						
1	6	Z	(33)	Z	(34)	NA			NA						
7	8	9	10	11	12	13	14	15	16	17	18	19	20		
PERSONNEL EXPOSURES			NUMBER			TYPE			DESCRIPTION (39)						
1	7	0	0	0	(37)	Z	(38)	NA							
7	8	9	10	11	12	13	14	15	16	17	18	19	20		
PERSONNEL INJURIES			NUMBER			DESCRIPTION (41)									
1	8	0	0	0	(40)	NA									
7	8	9	10	11	12	13	14	15	16	17	18	19	20		
LOSS OF OR DAMAGE TO FACILITY			TYPE			DESCRIPTION (43)									
1	9	Z	(42)	NA											
7	8	9	10	11	12	13	14	15	16	17	18	19	20		
PUBLICITY			ISSUED			DESCRIPTION (45)			8304150421 830407 PDR ADOCK 05000373 S PDR					NRC USE ONLY	
2	0	N	(44)											68 69 70 71 72 73 74 75 76 77 78 79 80	
7	8	9	10	11	12	13	14	15	16	17	18	19	20		

V. Masterson

NRC USE ONLY

815⁶⁸7357⁶⁹-6761

- I. LER NUMBER: 83-023/03L-0
- II. LASALLE COUNTY STATION: Unit 1
- III. DOCKET NUMBER: 050-373
- IV. EVENT DESCRIPTION:

During the performance of LIS-HP-10 calibration, both LIS-1B21-N100A & B were found out of tolerance in the non-conservative direction. The Tech. Spec. limiting condition of operation (Table 3.3.3-2) of less than or equal to 56" was exceeded in both cases. These instruments are currently being tracked monthly under the Trend Analysis Program. Both switches were still operable; however, the HPCS injection valve closure would have occurred at a higher level

V. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

Both of the High Pressure Core Spray indicating switches 1B21-N100A and 1B21-N100B were found out of tolerance in the non-conservative direction. The trip setpoint for these switches is 55.5". The Technical Specification allowable value is 56". These two switches operate in a 2 out of 2 logic. Each of the switches, which are in separate circuits, have 2 contacts associated with them which perform functions. One contact goes to an annunciator (Rx vessel Hi-Hi alarm), the other contact provides continuity to a relay which, when energized, closes the HPCS injection valve, 1E22-F004. For the auto-close feature of the HPCS injection valve to work, both of the switches are required to be tripped as their contacts are in series which energize a relay closing the HPCS injection valve.

Both of these indicating switches were still operable, however, their trip setpoints were slightly above that of the technical specification allowable value. The difference being that a HPCS injection valve closure would have occurred at a higher Rx vessel level. The auto-closure feature of the HPCS injection valve was still operable. In addition to this, the manual control function of the HPCS injection valve was also operable, thereby providing redundancy of the HPCS injection valve closure feature.

Safety of plant operation was not affected - the health and safety of the general public was maintained at all times.

VI. CAUSE:

The cause for indicating switches 1B21-N100A and 1B21-N100B being out of tolerance appears to be instrument drift. These 2 indicating switches are the Barton Model 288A. The reason for the instrument drift cannot be determined at this time. This problem has occurred previously with other Barton 288A models.

VII. CORRECTIVE ACTION:

The 1B21-N100A and 1B21-N100B indicating switch setpoints were immediately

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VII. CORRECTION ACTION: (Cont'd)

recalibrated. The "As Found" setpoints of 1B21-N100A and 1B21-N100B are currently being trended per LAP-100-12 along with several other ITT Barton Model 288A instruments. If the trending indicates an inherent problem with the Barton Model 288A, consideration will be given to adjusting the setpoint to account for a higher drift allowance or to replacing the existing Barton 288A models.

Prepared by: Vincent Masterson