

LICENSEE EVENT REPORT

PREVIOUS REPORT DATE 7/29/82

A number line starting at 1 and ending at 6. There are 5 equal intervals between the numbers. A circled 1 is shown to the right of the line.

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	A	L	B	R	F	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5
7	8	LICENSEE CODE						14	LICENSE NUMBER											25	LICENSE TYPE					30	CAT		58

CON'T

0 1 7 8 REPORT SOURCE L 6 60 61 U 5 0 0 0 2 5 9 68 7 0 69 5 1 0 8 2 74 8 75 1 0 1 3 8 2 80 DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation, the unit 1 "B" H₂ Analyzer was discovered to be inoperable
0 3 | (T.S 3.7.H.2) due to the failure of the H₂ sample inlet pump to run. There was
0 4 | no effect on public health and safety in that T.S. 3.7.H.2 permits operation for
0 5 | 30 days with one hydrogen analyzer inoperable. Analyzer "B" was inoperable for
0 6 | about 26 hours. "A" hydrogen analyzer was available and operable.
0 7 |
0 8 |
7 8 9

09		SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
7	8	S	A	11	E	12	A	13	R	E	L	A	Y	X	14
		9	10	11	12	13	18				19	20			
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
LER/RO REPORT NUMBER		8	2	031		03		X		2					
		21	22	23	24	26	27	28	29	30	32				
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED					
A	X	Z	Z	0000		Y	NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER						
33	34	35	36	37		40	41	42		43					
COMPONENT MANUFACTURER		A		1	6	0	26								
		44		47											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | "R" H₂ sample inlet pump would not run due to failure of Allen Bradley relay model
1 1 | 700-N400A1 contacts. Relay was replaced and SI 4.7.H successfully completed.
1 2 | Evaluation of the application of the relay is still in progress. Investigation
1 3 | of the operating parameters of the relay under various system configurations has
1 4 | been initiated. Results are expected by 2/15/83.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	F	28	0	9	9	29	NA	30
ACTIVITY CONTENT		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION	
1	6	Z	33	Z	34	NA	35	NA	36
PERSONNEL EXPOSURES		TYPE		DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION	
1	7	0	0	0	37	Z	38	NA	39
PERSONNEL INJURIES		DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION	
1	8	0	0	0	40	NA	41	NA	42
LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION	
1	9	Z	42	NA	43	NA	44	NA	45
PUBLICITY		DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION		DISCOVERY DESCRIPTION	
2	0	N	44	NA	45	NA	46	NA	47

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 82031 R2 Technical Specification Involved 3.7.H.2

Reported Under Technical Specification 6.7.2.b.(2)* Date Due NRC N/A

Event Narrative:

Unit 2 was operating at 86-percent power, unit 3 was in a turbine outage and both were unaffected by this event. During normal operation, with unit 1 operating at 99-percent power, "B" H₂ analyzer was discovered to be inoperable due to failure of the H₂ sample inlet pump to run. Contacts 3-7 and 4-8 of relay R2, which supply power to the motor of the H₂ sample inlet pump, failed, thereby preventing operation of the H₂ sample inlet pump. Technical Specification 3.7.H.2 allows operation for 30 days with one hydrogen analyzer operable; "A" hydrogen analyzer was available and operable. Relay R2 was replaced and SI 4.7.H was successfully completed. Initial response from the supplier was that there was not a misapplication of the relay. Evaluation of the relay is still in progress. Investigation of the operating parameters of the relay under various system configurations has been initiated. Results of the investigation are expected by February 15, 1983. Past performance of these relays justifies their continued usage until the evaluation is completed.

* Previous Similar Events:

None.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP