

CONTROL BLOCK:

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

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

7 8 60 61 SOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Following a reactor scram, the RCIC injection valve, 2E51-F013 would not fully open.

03 and the RCIC system was declared inoperable. This event did not affect the health or

04 safety of the public.

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06 _____

0	7	
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08 Technical Specifications 3.7.4, 6.9.1.9b

7 8 9

0 9

2 8

SYSTEM CODE C E (11)

CAUSE CODE X (12)

CAUSE SUBCODE Z (13)

COMPONENT CODE V A L V O P (14)

COMP. SUBCODE A (15)

VALVE SUBCODE Z (16)

LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
17		8	0	0	7	0	3	L		0	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.	
F		Z		Z		Z		Y		Y	
18		19		20		21		23		24	
HOURS		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
0	0	0		N		L	2	0	0		
22				25		26					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

During subsequent cycling of the valve, no evidence of binding or restriction to free

 movement was observed. An inspection of the valve motor control circuitry revealed an

1 2 electrical jumper around the valve open torque switch was not installed as designed.

1 3 The missing jumper was installed and the RCIC system was declared operable and

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 returned to normal service.

7 8 9
FACILITY STATUS 1 5 D 28 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30
% POWER 0 0 0 29 OTHER STATUS NA
METHOD OF DISCOVERY A 31 DISCOVERY DESCRIPTION 32
Operator Surveillance

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1	6	7	33	7	34	NA	NA
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PERSONNEL EXPOSURES									
NUMBER			TYPE		DESCRIPTION (39)				
1	7	0	0	0	17	Z	38	NA	

PERSONNEL INJURIES		DESCRIPTION		NA	
NUMBER					
1	0	0	0	40	41

GOOD ORIGINAL

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE	DESCRIPTION
12	

NA

FOUR ORIGINAL

7 8 9 10 PULPITY NBC USE ONLY

ISSUED		DESCRIPTION		DATE	
2	0	N	44	NA	

8010280576 A. C. Tollison, Jr.

NAME OF PREPARATION

PHONE

919-457-9521

LER ATTACHMENT - RO # 2-80-67

Facility: BSEP Unit No. 2

Event Date: 9-23-80

An examination of the control circuitry drawings, supplied by the A/E, United Engineers and Constructors, showed the installation of the jumper as optional and was indicated by a dotted line on the drawing. The normal operating design for the motor-operators on these valves is with the jumper not installed. General Electric design had the optional jumper installed to ensure valve operation under emergency or extreme operational conditions, thus ensuring additional conservatism during normal operation. From discussions with the A/E, it is believed the drawing error resulted from a misinterpretation by the A/E's draftsman as to the necessity of the jumper in the control circuitry of the valve. A verification of all GE designed torque switch jumpers on RCIC System valves was conducted, and four of ten jumpers were found missing, with no indication of their ever having been installed. The missing jumpers were installed. A review of the valve logic circuitry for all safety-related valves was conducted and all jumpers were indicated correctly, with a solid line. The A/E has been instructed to correct the drawings for the RCIC System. This is considered to be an isolated event and no further action is required.