

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 2 3 4 5
7 8 9 14 15 25 26 30 57 CAT 58

CON'T
0 1
7 8
REPORT SOURCE L (6) 0 1 5 0 - 0 3 2 4 (7) 0 4 1 1 0 8 1 1 (8) 0 5 0 5 8 1 1 (9)
80 81 DOCKET NUMBER 88 89 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During the performance of the HPCI System 1,000 Psig Flow Rate Test, PT 9.5, the
0 3 | HPCI System injection valve, 2-E41-F006, would not open from the RTGB. The HPCI
0 4 | System was then declared inoperable and placed under clearance for repairs to the
0 5 | valve. This event did not affect the health or safety of the public.
0 6 |
0 7 |

0 8 | _____ Technical Specification 3.5.1, 6.9.1.9b _____
7 8 9 80

0 9
7 8 9
SYSTEM CODE [S] [F] (11) CAUSE CODE [E] (12) CAUSE SUBCODE [A] (13) COMPONENT CODE [V] [A] [L] [V] [O] [P] (14) COMP. SUBCODE [A] (15) VALVE SUBCODE [Z] (16)
17 LER/RO REPORT NUMBER [8] [1] (21) [] (22) [] (23) [0] [2] [9] (24) [] (27) [0] [3] (28) [L] (30) [] (31) [] (32)
ACTION TAKEN [D] (18) FUTURE ACTION [Z] (19) EFFECT ON PLANT [Z] (20) SHUTDOWN METHOD [Z] (21) HOURS [0] [0] [0] [0] (22) ATTACHMENT SUBMITTED [Y] (23) NRPD-4 FORM SUB. [Y] (24) PRIME COMP. SUPPLIER [N] (25) COMPONENT MANUFACTURER [L] [2] [0] [0] (26)
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Burned windings in the valve motor operator prevented the valve from opening. The
1 1 | valve motor, Model No. SMB3, was replaced and the valve was tested satisfactorily and
1 2 | returned to service. A thorough investigation of this event including an inspection
1 3 | of the failed valve motor windings, power supply circuit breaker, and wiring did not
1 4 | reveal a cause for the failure.
7 8 9 80

1 5 | FACILITY STATUS [F] (27) % POWER [0] [3] [7] (29) OTHER STATUS [NA] (30) METHOD OF DISCOVERY [B] (31) DISCOVERY DESCRIPTION [Periodic Test] (32)
7 8 9 10 12 13 44 45 46 80

1 6 | ACTIVITY RELEASED [Z] (33) CONTENT OF RELEASE [Z] (34) AMOUNT OF ACTIVITY [NA] (35) LOCATION OF RELEASE [] (36)
7 8 9 10 11 44 45 80

1 7 | PERSONNEL EXPOSURES NUMBER [0] [0] [0] (37) TYPE [Z] (38) DESCRIPTION [NA] (39)
7 8 9 11 12 13 80

1 8 | PERSONNEL INJURIES NUMBER [0] [0] [0] (40) DESCRIPTION [NA] (41)
7 8 9 11 12 80

1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE [Z] (42) DESCRIPTION [NA] (43)
7 8 9 10 80

2 0 | PUBLICITY ISSUED [N] (44) DESCRIPTION [NA] (45)
7 8 9 10 80

8105130267
NAME OF PREPARER M. J. Pastva, Jr.

PHONE: 919-457-9521

NRC USE ONLY

U.S. GPO 1977-226

LER ATTACHMENT - RO NO. 2-81-29

Facility: BSEP Unit No. 2

Event Date: 4-10-81

This event occurred due to failed windings in the motor operator of the HPCI System injection valve, 2-E41-F006. In order to expedite the return of the HPCI System to operability, the valve operator from the normally open HPCI pump discharge valve, 2-E41-F007, was removed and installed on the F006 valve and satisfactorily tested. The F007 valve was manually opened and a Shift Foreman's clearance was hung on the valve to ensure its position. The F006 valve operator motor will be reinstalled on the F006 valve following its receipt from the motor rewind facility, and the F007 valve operator will be reinstalled on the F007 valve. An inspection of the F006 valve operator motor and observation of the F006 valve during full cycling did not reveal a contributing cause for the motor winding failure.

There is no history of a limitorque valve operator failure in this specific valve application; therefore, this event is considered to be isolated requiring no further corrective action. Other limitorque Model No. SMB3 valve operators used at the Brunswick Plant have experienced failures; however, the cause of these failures is not applicable to this event.