

LICENSEE EVENT REPR RT

CONTROL BLOCK: _____ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 N C B E P 2 2 C O - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
7 8 9 14 15 25 26 30 57 CAT 58

CON'T
0 1 REPORT SOURCE 1 6 0 5 0 - 0 3 2 4 7 0 9 2 0 8 1 8 1 0 0 7 8 1 9
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 | During the performance of the RCIC Turbine Exhaust Diaphragm High Pressure Channel
0 3 | Calibration and Functional Test, PT 2.1.8PC, the RCIC isolated due to the receipt of
0 4 | an RCIC "Logic A" isolation signal. At the time of this event, the HPCI System was
0 5 | operable. This event did not affect the health and safety of the public.
0 6 |
0 7 |
0 8 | Technical Specifications 3.3.2, 3.7.4, 6.9.1.9b

0 9 SYSTEM CODE C E (11) CAUSE CODE X (12) CAUSE SUBCODE Z (13) COMPONENT CODE I N S T R U (14) COMP. SUBCODE S (15) VALVE SUBCODE Z (16)
7 8 9 10 11 12 13 18 19 20
17 LER/RO REPORT NUMBER 8 1 1 (21) SEQUENTIAL REPORT NO. 1 0 0 (24) OCCURRENCE CODE 0 3 (28) REPORT TYPE L (30) REVISION NO. 0 (32)
21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN A (18) FUTURE ACTION Z (19) EFFECT ON PLANT Z (20) SHUTDOWN METHOD Z (21) HOURS 0 0 0 0 (22) ATTACHMENT SUBMITTED Y (23) NPRD-4 FORM SUB. Y (24) PRIME COMP. SUPPLIER N (25) COMPONENT MANUFACTURER X 9 9 9 (26)
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0 | Corroded electrical contacts in both microswitches of RCIC turbine exhaust diaphragm
1 1 | pressure switch, 2-E51-PS-N012C, DeLaval Model No. 36103-M2-G-6141l, allowed a PT test
1 2 | equipment signal to energize the "A" side isolation circuitry. The microswitches
1 3 | were replaced, the PT was satisfactorily completed and the RCIC System was returned
1 4 | to operability. Revised plant maintenance practices will help prevent future similar
7 8 9 80 events.

1 5 FACILITY STATUS E (28) % POWER 0 8 5 (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 CONTENT RELEASED OF RELEASE Z (33) Z (34) AMOUNT OF ACTIVITY NA (35) LOCATION OF RELEASE NA (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 ISSUE N (44) DESCRIPTION B110160499 B11007 PDR ADDCK 05000324 PDR (45) NRC USE ONLY NA
7 8 9 10 80 68 69 80

NAME OF PREPARER M. J. Pastva, Jr. PHONE (919) 457-9521

GPO 91-7-926

LER ATTACHMENT - RO # 2-81-100

Facility: BSEP Unit No. 2

Event Date: 9/20/81

This event occurred when the RCIC System "Logic A" isolation circuitry was energized during the performance of the PT. When an ohmmeter was applied around the normally open microswitch contacts of RCIC turbine exhaust diaphragm pressure switch, 2-E51-PS-N012A, sufficient current was conducted across the corroded normally open electrical contacts of a microswitch in 2-E51-PS-N012C to energize the "A" isolation logic circuitry. An inspection of the instrument housing cover and gasket revealed proper penetration integrity with no visible evidence of moisture invasion into the switch housing. It is suspected that prior to the initiation of a current program by a dedicated plant group to ensure proper integrity of all electrical penetrations as a result of IE Bulletin 79-01B, the housing cover and/or gasket of the N012A instrument may not have been securely fastened. Consequently, this could have permitted moisture to enter the switch housing and cause the observed corrosion which resulted in this event.

As a result of IE Bulletin 79-01B, plant maintenance practices have been revised to ensure proper penetration integrity following routine or repair maintenance to plant equipment. It is felt this will help in the prevention of any future similar events.