

LICENSEE EVENT REPORT

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

0 1 1 L O A D 1 2 0 0 0 - 0 0 0 - 0 0 0 3 4 1 1 1 1 4 5
 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

CON'T
 0 1 REPORT SOURCE L 6 0 5 0 0 0 2 5 4 7 0 2 1 4 7 9 8 0 3 0 9 7 9 9
 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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
 0 2 While performing the Automatic Blowdown Logic Test, procedure QMS 700-1, Automatic
 0 3 Blowdown timer 287-105A took 125 seconds to time out and timer 287-105B took 135
 0 4 seconds to time out. These times were in excess of Technical Specification Table
 0 5 3.2-2 allowable limit of 120 seconds or less. Even though the times were in excess
 0 6 of 120 seconds, the timers were operational and would not have prevented the fulfillment
 0 7 of the functional requirements of the Automatic Pressure Relief System.
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SYSTEM CODE 11 12 CAUSE CODE 13 CAUSE SUBCODE 14 COMPONENT CODE 15 COMP. SUBCODE 16 VALVE SUBCODE
 9 10 11 12 13 14 15 16 17 18 19 20
 17 LER RO REPORT NUMBER 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
 ACTION TAKEN 18 19 FUTURE ACTION 20 21 EFFECT ON PLANT 22 23 SHUTDOWN METHOD 24 25 HOURS 26 27 ATTACHMENT SUBMITTED 28 29 NPRI-4 FORM SUB. 30 31 PRIME COMP. SUPPLIER 32 33 COMPONENT MANUFACTURER 34 35
 E 18 Z 19 Z 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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
 1 0 The cause of this occurrence was instrument set point drift. Timer 287-105A, would
 1 1 not respond to adjustment and was replaced. The replacement timer has a new time
 1 2 of 115 seconds. Timer 287-105B was re-adjusted to a new time of 110 seconds. A simulated
 1 3 automatic actuation surveillance test of the Auto-Blowdown system was performed and timer
 1 4 operation was verified to be within Tech Spec limits.
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FACILITY STATUS 28 29 % POWER 30 31 OTHER STATUS 32 33 METHOD OF DISCOVERY 34 35 DISCOVERY DESCRIPTION 36 37
 1 5 H 28 29 0 0 0 29 NA 44 B 31 Testing 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
 ACTIVITY CONTENT 38 39 AMOUNT OF ACTIVITY 40 41 LOCATION OF RELEASE 42 43
 1 6 Z 33 Z 34 NA 44 NA 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
 PERSONNEL EXPOSURES 44 45 TYPE 46 47 DESCRIPTION 48 49
 1 7 0 0 0 37 Z 38 NA 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
 PERSONNEL INJURIES 44 45 DESCRIPTION 46 47
 1 8 0 0 0 40 NA 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
 LOSS OF OR DAMAGE TO FACILITY 44 45 TYPE 46 47 DESCRIPTION 48 49
 1 9 Z 42 NA 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
 PUBLICITY 44 45 DESCRIPTION 46 47
 2 0 N 44 NA 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
 NAME OF PREPARED G. Tietz
 79032803 48
 NRC USE ONLY
 309-654-2241, ext. 247
 PHONE

- I. LER NUMBER: LER/RO 79-14/03L-0
- II. LICENSEE NAME: Commonwealth Edison Company
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit One
- IV. DOCKET NUMBER: 050-254
- V. EVENT DESCRIPTION:

On February 14, 1979, while performing the Automatic Blowdown Logic Test, procedure QMS 700-1, Automatic Blowdown timer 287-105A took 125 seconds to time out and timer 287-105B took 135 seconds to time out. These times were in excess of the Technical Specification Table 3.2-2 allowable limit of 120 seconds or less. The reactor mode switch was in SHUTDOWN at the time of the occurrence, and the Automatic Blowdown System was in the test condition.

VI. PROBABLE CONSEQUENCES OF THE OCCURRENCE:

The safety implications of this occurrence were minimal due to the fact the Automatic Blowdown System is a back-up system for the HPCI system. Also, even though the timers were found to time out in excess of 120 seconds, the timers were operational and would have performed properly and would not have prevented the fulfillment of the functional requirements of the Automatic Pressure Relief System.

VII. CAUSE:

The cause of this occurrence was instrument set point drift. The 287-105 A and B timers are General Electric CR120ST 02241AA, 125 VDC time delay relays.

VIII. CORRECTIVE ACTION:

Timer 287-105A, which took 125 seconds to time out, would not respond to adjustment and was replaced. The replacement timer has a new time of 115 seconds. Timer 287-105B, which took 135 seconds to time out, was re-adjusted to a new time of 110 seconds. On February 25, 1979, a Simulated Automatic Initiation Surveillance test was performed on the Auto-Blowdown System (procedure QTS 110-2). Proper timer operation was verified during this test, and relief valve pilot actuation took place within the 120-second Tech Spec limit.