

LICENSEE EVENT REPORT

Updated Report - Previous Report Date 8-23-79

CONTROL BLOCK: [1]

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 [0] 8 [1] 9 P A B V S 1 [2] 0 0 - 0 0 0 0 0 - 0 0 [3] 4 1 1 1 1 [4] [] [5]

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
[0] 2 At 0315 hours, during performance of a surveillance test,
[0] 3 the No. 1 Diesel Generator output breaker failed to close
[0] 4 when the control switch was actuated. In addition, an alarm
[0] 5 was received indicating a failure of No. 1 Air Start Motors
[0] 6 to start the Diesel Generator. The Diesel started on the
[0] 7 No. 2 air start motors. The No. 2 Emergency Diesel Generator
[0] 8 remained operable throughout the period.

[0] 9 SYSTEM CODE [E E] [11] CAUSE CODE [X] [12] CAUSE SUBCODE [Z] [13] COMPONENT CODE [M O T O R X] [14] COMP. SUBCODE [Z] [15] VALVE SUBCODE [Z] [16]

[17] LER/RO REPORT NUMBER [7] [9] [] [] [] [] SEQUENTIAL REPORT NO. [0] [2] [3] OCCURRENCE CODE [0] [3] REPORT TYPE [X] [] REVISION NO. [1]
ACTION TAKEN [G] [18] [] [] [] [] FUTURE ACTION [Z] [19] EFFECT ON PLANT [Z] [20] SHUTDOWN METHOD [Z] [21] HOURS [0] [0] [0] [0] ATTACHMENT SUBMITTED [Y] [23] NPRD-4 FORM SUB. [Y] [24] PRIME COMP. SUPPLIER [X] [25] COMPONENT MANUFACTURER [G] [1] [0] [0] [26]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
[1] 0 The air start motor failure resulted from a sticking pinion.
[1] 1 The pinion assembly was cleaned, exercised, and satisfactorily tested.
[1] 2 The test circuit installed to monitor breaker control circuitry indi-
[1] 3 cated the output breaker failure occured in the manual start relays.
[1] 4 This failure has resulted in procedural changes to the testing program.

[1] 5 FACILITY STATUS [G] [28] % POWER [0] [0] [0] [0] [29] OTHER STATUS [N/A] [30] METHOD OF DISCOVERY [B] [31] DISCOVERY DESCRIPTION [Surveillance Testing] [32]

[1] 6 ACTIVITY CONTENT RELEASED OF RELEASE [Z] [33] [Z] [34] AMOUNT OF ACTIVITY [N/A] [35] LOCATION OF RELEASE [N/A] [36]

[1] 7 PERSONNEL EXPOSURES NUMBER [0] [0] [0] [0] [37] TYPE [Z] [38] DESCRIPTION [N/A] [39]

[1] 8 PERSONNEL INJURIES NUMBER [0] [0] [0] [0] [40] DESCRIPTION [N/A] [41]

[1] 9 LOSS OF OR DAMAGE TO FACILITY TYPE [Z] [42] DESCRIPTION [N/A] [43] PUBLICITY [N] [44] DESCRIPTION [N/A] [45]

[2] 0 ISSUED DESCRIPTION [N/A] [45]

Attachment To LER 79-023/03X-1
Beaver Valley Power Station
Duquesne Light Company
Docket No. 50-334

The air start motor failure resulted from a sticking pinion on the air motor. The pinion assembly was cleaned, exercised and satisfactorily tested. The test circuit installed to monitor breaker control circuitry indicated the output breaker failure occurred in the manual start relay. No manual start relay contact misoperations; however, were found on the visicorder traces taken during tests performed on 7-31-79. As a result of this incident, the diesel generator test program was revised to (1) monitor the manual start relay coil prior to breaker operation to ensure it is energized, (2) record and alternate the position of the start control switch for each manual exercise operation. Since the implementation of these revisions, there has not been any similar failures of the manual start relays.