

LICENSEE EVENT REPORT

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

(01) 7 8 | I L Q A D 2 | (2) 0 0 0 0 - 0 0 0 0 - 0 0 0 0 | (3) 4 1 1 1 1 | (4) | (5) 9  
7 8 9 14 15 25 26 30 57 58  
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T

(01) 7 8 | REPORT SOURCE L | (6) 0 5 0 0 0 2 6 5 | (7) 0 8 0 4 8 2 | (8) 0 8 2 3 8 2 | (9) 9  
60 61 68 69 74 75 80  
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

(02) On August 4, 1982, the Unit 2 Emergency Diesel Generator (DG) was taken out of  
(03) service for monthly preventative maintenance. Upon verification of operability,  
(04) following the maintenance, a small leak in the flexible hose to the fuel line  
(05) pressure gauge was detected. Repair of this leak exceeded the one and one-half hour  
(06) Technical Specification 3.9.E.2 preventative maintenance outage time limit by 35  
(07) minutes. The Unit 2 Diesel Generator was then proven operable. The redundant 1/2  
(08) Diesel Generator had previously been proven operable, all normal off-site power  
was available, and the leak would not have caused the Unit 2 Diesel Generator from  
performing its designed function. Therefore, the safety significance associated  
with this occurrence was minimal.

(09) 7 8 9  
SYSTEM CODE (E E) (11) CAUSE CODE (E) (12) CAUSE SUBCODE (B) (13) COMPONENT CODE (P I P E X X) (14)  
COMP. SUBCODE (A) (15) VALVE SUBCODE (Z) (16)  
(17) LER/RO REPORT NUMBER (8 2) (21) (22) SEQUENTIAL REPORT NO. (0 1 5) (24) OCCURRENCE CODE ( / ) (27) (0 3) (28) (29) REPORT TYPE (L) (30) REVISION NO. (0) (32)  
ACTION TAKEN (F) (18) FUTURE ACTION (C) (19) EFFECT ON PLANT (Z) (20) SHUTDOWN METHOD (Z) (21) HOURS (0 0 0 0) (22) ATTACHMENT SUBMITTED (Y) (23) NPD-4 FORM SUB (Y) (24) PRIME COMP. SUPPLIER (N) (25) COMPONENT MANUFACTURER (E 1 4 7) (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

(10) The rubber fuel line hose, which apparently cracked with age, was removed. This  
(11) effectively removed the pressure gauge from the fuel system. The hose connection  
(12) was then sealed with a threaded plug. A new hose will be installed during the next  
(13) monthly Unit 2 Diesel Generator preventative maintenance outage. Also, the flexible  
(14) fuel gauge hoses for the Unit 1 and Unit 1/2 Diesel Generator will be replaced as  
parts are received.

(15) 7 8 9 | FACILITY STATUS (E) (28) | % POWER (0 8 0) (29) | OTHER STATUS (NA) (30) | METHOD OF DISCOVERY (B) (31) | DISCOVERY DESCRIPTION (Preventative Maintenance) (32) 80  
(16) 7 8 9 | ACTIVITY RELEASED (Z) (33) | CONTENT (Z) (34) | AMOUNT OF ACTIVITY (NA) (35) | LOCATION OF RELEASE (NA) (36) 80  
(17) 7 8 9 | PERSONNEL EXPOSURES NUMBER (0 0 0) (37) | TYPE (Z) (38) | DESCRIPTION (NA) (39) 80  
(18) 7 8 9 | PERSONNEL INJURIES NUMBER (0 0 0) (40) | DESCRIPTION (NA) (41) 80  
(19) 7 8 9 | LOSS OF OR DAMAGE TO FACILITY TYPE (Z) (42) | DESCRIPTION (NA) (43) 80  
(20) 7 8 9 | PUBLICITY ISSUED (N) (44) | DESCRIPTION (NA) (45) 80  
8209030413 820823  
PDR ADOCK 05000265  
S PDR  
NRC USE ONLY  
NAME OF PREPARER C. Hebel PHONE 309-654-2241, ext. 193

- I. LER NUMBER: LER/RO 82-15/03L-0
- II. LICENSEE NAME: Commonwealth Edison Company  
Quad-Cities Nuclear Power Station
- III. FACILITY NAME: Unit Two
- IV. DOCKET NUMBER: 050-265
- V. EVENT DESCRIPTION:

On August 4, 1982, at 1010 hours, the Unit 2 Emergency Diesel Generator was taken out of service for the monthly Emergency Diesel Generator Preventative Maintenance Schedule, QMS 200-4. Prior to removing the Unit 2 Diesel Generator from service, the Unit 1/2 Diesel Generator was proven operable, and two off-site lines were available as required by Technical Specification 3.9.E.2. At 1040 hours the Maintenance workmen had completed the preventative maintenance schedule and the Unit 2 Diesel Generator was manually started to prove operability. At this time, the Maintenance workmen discovered a leak in a one-half inch flexible hose to the fuel oil pressure gauge. The Unit 2 Diesel Generator was immediately shut down and taken out of service to facilitate repairs.

At 1140 hours, the Unit 2 Diesel Generator repairs were continuing, and the 1.5 hour preventative maintenance time limit, as defined in Technical Specification 3.9.E.2, was exceeded. All surveillances as required by Technical Specification 4.9.E.1 were immediately initiated.

At 1215 hours, the repairs were completed and the Unit 2 Emergency Diesel Generator was returned to service and was verified to be operable. Surveillances, as required by Technical Specification 4.9.E.1, were then discontinued.

VI. PROBABLE CONSEQUENCES OF OCCURRENCE:

The Diesel Generator is designed to fast start and supply power to the Division II low pressure core cooling systems if off-site power is lost. The Unit 2 Diesel Generator was out of service for a total time period of two hours and five minutes, 35 minutes longer than allowed by Technical Specification 3.9.E.2. Normal off-site power was available, and the redundant 1/2 Diesel Generator was demonstrated operable prior to the Unit 2 Diesel Generator being taken out of service. Additionally, the leak in the fuel oil pressure gauge line would not have prevented the Unit 2 Diesel Generator from performing its intended function. Therefore, the safety implications of this occurrence were minimal.

VII. CAUSE:

The cause of this occurrence was component failure. The flexible hose which connects the fuel oil pressure gauge to the fuel oil line developed a crack, which leaked fuel oil when the system was pressurized. The crack was the result of aging of the rubber hose material. The repair of this leak required the Unit 2 Diesel Generator to be out of service longer than allowed by Technical Specification 3.9.E.2.

VIII. CORRECTIVE ACTION:

The immediate corrective action was to remove the damaged hose and seal the connection to the fuel line with a threaded plug. A new hose will be installed at the next monthly Diesel Generator preventative maintenance outage. This pressure gauge is not required as a necessary piece of equipment for Diesel Generator operation. Work Request Q21078 was written to replace the flexible fuel pressure gauge hoses on the Unit 1 and Unit 1/2 Diesel Generators. This will be accomplished as replacement parts are received at the Station.