

LICENSEE EVENT REPORT

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

0 1 | T | L | Z | I | S | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | _____ | 5

CON'T
0 1 | REPORT SOURCE | T | 6 | 0 | 5 | 0 | 6 | 0 | 2 | 9 | 5 | 7 | 0 | 8 | 1 | 1 | 8 | 2 | 8 | 0 | 9 | 1 | 0 | 8 | 2 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation while testing "0" Diesel Generator as a daily
0 3 | requirement for 1A Diesel Generator being out of service, before
0 4 | completion of the test, a small fire was observed near the turbocharger
0 5 | on the diesel. The diesel was shutdown and declared inoperable. A
0 6 | unit shutdown was commenced as a result of two out of three diesels
0 7 | being inoperable. The 1A Diesel Generator was made operable before
0 8 | the unit reached hot shutdown and the load decrease was terminated.

0 9 | SYSTEM CODE | E | E | 11 | CAUSE CODE | X | 12 | CAUSE SUBCODE | Z | 13 | COMPONENT CODE | E | N | G | I | N | E | 14 | COMP. SUBCODE | Z | 15 | VALVE SUBCODE | Z | 16

17 | LER/RO REPORT NUMBER | 8 | 2 | EVENT YEAR | 8 | 2 | SEQUENTIAL REPORT NO. | 0 | 2 | 5 | OCCURRENCE CODE | 0 | 1 | REPORT TYPE | T | REVISION NO. | 0 |
ACTION TAKEN | A | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | B | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 1 | 0 | 0 | 22 | ATTACHMENT SUBMITTED | Y | 23 | NPRD-4 FORM SUB. | Y | 24 | PRIME COMP. SUPPLIER | A | 25 | COMPONENT MANUFACTURER | C | 6 | 3 | 4 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The turbocharger lube oil filter cannister mounting screw vibrated
1 1 | loose, allowing lube oil to spray past an O-ring seal and onto the hot
1 2 | exhaust manifold, causing the lube oil to flash. The O-ring was
1 3 | replaced, the cannister retightened, and the oil spill cleaned up.
1 4 | This is not a recurring problem. No further action is required.

1 5 | FACILITY STATUS | E | 28 | % POWER | 1 | 0 | 0 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | B | 31 | DISCOVERY DESCRIPTION | Visual Observation During Test | 32

1 6 | ACTIVITY CONTENT RELEASED | Z | 33 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36

1 7 | PERSONNEL EXPOSURES | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39

1 8 | PERSONNEL INJURIES | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41

1 9 | LOSS OF OR DAMAGE TO FACILITY | Z | 42 | TYPE | NA | 43

2 0 | ISSUED | N | 44 | DESCRIPTION | NA | 45
8209200070 820910
PDR ADOCK 05000295
S PDR
NAME OF PREPARER G. Fanning PHONE 312-746-2084 X293

NRC USE ONLY

ATTACHMENT TO LER

NO. 82-025/01 T-O

COMMONWEALTH EDISON CO.

ZION GENERATING STATION

50-295

DESCRIPTION OF EVENT

During normal operation while testing "0" Diesel Generator, as a daily requirement for 1A Diesel generator being out of service, a small fire was observed by an operator near the turbocharger on the diesel. The doors to the "0" Diesel Generator Room were closed and the room Cardox System (CO₂) was actuated. The "0" Diesel Generator was shutdown and the DC power to "0" Diesel Generator control circuits was shut off, rendering the diesel inoperable. A Unit One shutdown was commenced as a result of two out of three diesels being inoperable (1B Diesel Generator was operable). The 1A Diesel Generator was made operable before the unit reached hot shutdown and the load decrease was terminated. There were no effects on public health or safety.

CONSEQUENCES OF OCCURRENCE

1A Diesel Generator was out of service for repairs when "0" Diesel was declared inoperable. This placed Unit 1 in a condition whereby two out of three diesels were unavailable. A unit shutdown was started in accordance with Technical Specification requirements. The 1A Diesel Generator was made operable before the unit reached hot shutdown and the load decrease was terminated. The "0" Diesel Generator suffered no significant damage. The health and safety of the public was not affected.

CAUSE OF OCCURRENCE

The turbocharger lube oil filter cannister mounting screw vibrated loose allowing lube oil to spray past an O-ring seal and onto the hot exhaust manifold causing the lube oil to flash.

CORRECTIVE ACTION

The only actions required to return the "0" Diesel Generator to service were to: 1) replace the O-ring and retighten the filter cannister, and 2) clean up the oil spill and wipe down the diesel engine. After performing these corrective actions, the "0" Diesel Generator was successfully tested and returned to service on the same day as the event. This event is not a recurring problem and no further action is deemed necessary.