

LICENSEE EVENT REPORT

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

0 1 I L Z I S 1 2 0 0 - 0 0 0 0 - 0 0 3 4 1 1 1 1 4 \_\_\_\_\_ 5  
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 31 CAT 58

CON'T  
0 1 REPORT SOURCE L 6 0 5 0 0 0 2 9 5 7 1 0 1 5 8 2 8 1 0 2 9 8 2 9  
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 While diesel generator (D/G) 1A was OOS for maintenance, D/G 1B tripped  
0 3 during surveillance procedures. 0 D/G was operable. With two out of  
0 4 three D/G inoperable, TS 3.15.2.H was violated and the unit was shut-  
0 5 down. The D/G would have started on an SI signal (trip would have been  
0 6 bypassed). The health and safety of the public was not affected.  
0 7 Previous LERs: 50-304/80-25, 50-295/82-25

0 8 \_\_\_\_\_ 80

0 9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
E E 11 X 12 Z 13 ENGINE 14 Z 15 Z 16  
17 LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.  
8 2 - 0 3 3 / 0 1 T - 0  
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
A 18 X 19 B 20 Z 21 0 0 8 0 Y 23 Y 24 A 25 C 6 3 4 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 1A D/G was made inoperable for maintenance. 1B D/G tripped because of  
1 1 low turbo lube oil pressure. Low pressure was attributed to clogged  
1 2 filters. Oil and filters were changed and 1B was returned to service.  
1 3 Lube oil testing and evaluation criteria will be improved to prevent  
1 4 oil quality problems in the future.

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

1 6 ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36  
Z 33 Z 34 NA NA

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

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

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 43  
Z 42  
PUBLICITY ISSUED DESCRIPTION 45  
N 44  
8211060308 821029  
PDR A WCK 05000295  
S PDR  
NRC USE ONLY  
NAME OF PREPARER M. Manning PHONE 312-746-2084 ext. 362

ATTACHMENT TO LER  
NO. 82-033/01 T - O  
COMMONWEALTH EDISON CO.  
ZION GENERATING STATION  
50-295

Description of Event

On 10/12/82 a Unit 1 diesel generator (1A) was taken out-of-service for maintenance. Per Technical Specification procedures the other two diesel generators were being tested. 1B D/G started, loaded and ran for ten minutes. It then tripped on low turbo charger lube oil pressure. 1B was declared inoperable. Because two of three D/G were inoperable, the unit was placed in hot shutdown. (Tech Spec 3.15.1.H)

Consequences of Occurrence

With two D/G inoperable the unit was less conservative than assumed in the FSAR. This requires reporting per Tech Spec. 6.6.2.a(5). If there had been a safety injection signal, the low turbo charger lube oil pressure trip would have been bypassed and the D/G would have started successfully. Over a period of time problems with the turbo charger lubrication would have affected engine performance dramatically.

Cause of Occurrence

Two D/G were inoperable, 1A D/G for maintenance and 1B for clogged filters. The cause of the dirty oil is being investigated.

Previous Occurrences

There have been no previous LER's of this nature. However, two D/G have been OOS concurrently twice before (LER 50-295/82-25 and 50-304/80-25). At this time, one D/G was made inoperable for maintenance and 0 D/G became inoperable during the surveillance test required when another D/G was inoperable.

A previous occurrence of clogged lube oil filters occurred one month prior to this LER event on 1B D/G. The filters were changed and the oil was sent out for analysis. (DVR 22-1-82-129)

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Corrective Action

Immediate corrective actions were to change the oil and the filters. The reactor remained in hot shutdown until 1A and 1B D/G were operable.

Further corrective actions are being taken. The lube oil testing and evaluations process is being reviewed in order to improve oil quality procedures. Specifically:

1. The oil sample point will be changed to get a more representative sample.
2. The sample frequency is being changed from quarterly to monthly until oil problems have been resolved.

Also, the D/G surveillance testing frequency and methods are being reviewed by the station and vendor.