

LICENSEE EVENT REPORT

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

01 F I L T P S 3 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5

CON'T  
01 L 6 0 5 0 0 0 2 5 0 7 0 2 2 5 8 0 3 0 3 2 6 8 0 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 An operator detected a radiator tube leak on the A Emergency Diesel  
03 Generator (EDG). This degradation is reportable pursuant to TS 6.9.2.b.2.  
04 The radiator and other unrelated EDG components were repaired. The EDG  
05 was tested and returned to service within 45 hours. During the period  
06 the A EDG was out of service, the B EDG was verified operable and  
07 available. A similar occurrence of a EDG radiator failure was reported as  
08 LER 250-77-6.

09 E E 11 E 12 D 13 E N G I N E 14 X 15 Z 16  
17 8 0 1 0 4 0 3 1 0  
18 C 19 Z 20 Z 21 0 0 0 0 Y 23 Y 24 A 25 Y 0 2 1 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The fins in the area of the tube leak were displaced and the tube was  
11 slightly indented. This probably resulted from a foreign object being  
12 forced into the radiator by the cooling fans. This damage coupled with  
13 degradation induced by the external environment, was the probable root  
14 cause of the leak. Corrective action is discussed in the attachment.

15 E 23 0 9 9 29 NA 30 A 31 Operator observation 32  
16 Z 33 Z 34 NA 35 NA 36  
17 0 0 0 37 Z 38 NA 39  
18 0 0 0 40 NA 41  
19 Z 42 NA 43  
20 N 44 NA 45

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Additional Cause Description and Corrective Actions:

The fins in the area of the tube leak were displaced and the tube was slightly indented. This probably resulted from a foreign object being forced into the radiator by the cooling fans. This damage coupled with degradation induced by the external environment was the probable root cause of the leak. The leak was repaired with an epoxy patch. New radiator cores have been ordered. The integrity of both the A & B EDG radiators was verified by visual examination.

Component Data:

Young Radiator Company  
Racine, Wisconsin  
Model #495D  
Monoweld Cooler Assembly  
Drawing #D238084  
Job #25604  
Working Pressure 35 psi  
Test Pressure 40-50 psi Air