

PRIORITY ATTENTION REQUIRED MORNING REPORT - REGION V JULY 29, 1993

Licensee/Facility:

Notification:

Arizona Public Service Co.  
Palo Verde 3  
Wintersburg, Arizona

MR Number: 5-93-0051  
Date: / /  
RESIDENT INSPECTOR CALL TO RV

Dockets: 50-530  
PWR/CE80

Subject: UNIT 3 EMERGENCY DIESEL GENERATOR "B" DECLARED INOPERABLE

Reportable Event Number: N/A

Discussion:

On July 28, 1993, the Unit 3 "B" Emergency Diesel Generator (EDG) was declared inoperable due to both the intake and exhaust rocker arms failing on cylinder 6L. The failed rocker arms were discovered during the EDG engine analysis being performed in conjunction with a surveillance test operability run. The EDGE was manually tripped and declared inoperable at 8:41 a.m. (MST). The licensee is evaluating the failure of the rocker arms and is preparing a repair plan. Additional actions, including inspection of the other rocker arms on this engine and on the other engines onsite, are being considered.

The licensee performs engine analysis before and after maintenance outages and once during the mid-cycle. The Unit 3 "A" EDG engine analysis was satisfactorily performed approximately two weeks ago.

Monthly operability testing of the EDGs is also performed. There has been one previous failed rocker arm recorded at Palo Verde. This occurred o

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January 4, 1989, when the cylinder 8L rocker arm of "A" EDG in Unit 3 failed due to a manufacturing defect. For the current failure, the initial "as-found" visual inspection found no defects that were similar to the previous failure. The EDGs at Palo Verde are manufactured by Cooper-Bessemer.

At the time of the event, Unit 3 was operating at 100% power, Unit 1 was operating at approximately 82% power while coasting down for a refueling outage, and Unit 2 was in an extended refueling outage with the fuel loaded.

Regional Action:

The resident inspectors will continue to follow the failure analysis and repair for the "B" EDG.

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