

August 15, 2005

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-05-010

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV, Arlington, Texas, staff on this date.

Facility

Palo Verde Nuclear Generating Station, Unit 1
Buckeye, Arizona
Docket: 50-528
License: NPF-41

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: SHUTDOWN TO REPAIR AUTO VOLTAGE REGULATOR ON EMERGENCY DIESEL GENERATOR (EDG) TRAIN B

This Preliminary Notification is being issued to inform recipients of an unplanned shutdown of PVNGS Unit 1, because of a problem with one of the unit's two EDGs. On August 12, 2005, PVNGS Unit 1 was shut down to replace the auto voltage regulator on EDG Train B. On August 9, 2005, the EDG had exhibited voltage oscillations during regularly scheduled testing. Troubleshooting and repair activities did not correct the deficiency within the 72-hour completion time of the unit's Technical Specifications. The licensee declared the EDG operable on August 14 after successfully replacing the auto voltage regulator and completing integrated emergency safety features testing. The remaining EDGs on all three Palo Verde units have not exhibited voltage oscillations during recent operational testing.

On August 12, while cooling down the plant to Mode 5, the licensee declared high pressure safety injection hot leg injection Check Valve SIA-V522 inoperable following the identification of increased internal back leakage through the valve. The licensee installed a freeze seal and completed repairs to the valve on August 14. As of August 15, the licensee was performing testing of the valve to demonstrate operability.

The Resident Inspectors monitored the licensee's repair and testing efforts for the EDG and Valve SIA-522.

Region IV received notification of this occurrence by telephone from the licensee at 3:10 a.m. (CDT) on August 12. The information presented herein has been discussed with the licensee and is current as of 2 p.m. (CDT) on August 15. The state of Arizona has been notified by telephone.

This preliminary notification is issued for information only and no further action by the staff is anticipated.

ADAMS ACCESSION NUMBER: ML052270454

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