

August 24, 2005

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

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: UPDATE TO PRELIMINARY NOTIFICATION PNO-IV-05-010, SHUTDOWN TO REPAIR AUTO VOLTAGE REGULATOR ON EMERGENCY DIESEL GENERATOR TRAIN B

This Preliminary Notification is being updated to inform recipients of an additional equipment problems, which extended the duration of the PVNGS Unit 1 shutdown.

On August 17, 2005, while in Mode 2, the licensee identified oil leakage from the Reactor Coolant Pump 1A oil seal. The licensee returned the plant to Mode 5 operations and replaced the oil seal on August 19.

On August 19, 2005, while preparing to enter Mode 4, the licensee determined that the pressurizer auxiliary spray valve was allowing excess seat leakage and decided to complete repairs on the valve prior to entry into Mode 4. The licensee determined that the pilot valve for the spray valve was steam cut. This resulted in valve chatter and the excess leakage. The licensee completed repairs on August 23 and commenced a plant heatup.

The Resident Inspectors monitored the licensee's repair and testing efforts for the reactor coolant pump and pressurizer spray valve.

Region IV received initial notification of this occurrence from the licensee at 8:30 a.m. (CDT) on August 19. The information presented herein has been discussed with the licensee and is current as of 10:30 a.m. (CDT) on August 24. 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: ML052360506

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