

PDR Advance Copy

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-88-54 Date: 8/24/88

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

FACILITY: Washington Public Power Supply System  
WNP -2  
Docket No. 50-397  
Richland, Washington

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

SUBJECT: TECHNICAL SPECIFICATION REQUIRED SHUTDOWN DUE TO HIGH UNIDENTIFIED LEAKAGE

At 11:30 a.m. PDT on August 24, 1988, the licensee declared an Unusual Event as a result of an increase in unidentified leakage to a level above the Technical Specification limit of 5 gpm. At approximately 11:15 a.m. the Supply System noticed an increase in the unidentified leakage rate. At 11:30 a.m. the level increased above 5 gpm to 6.3 gpm at which point the licensee commenced a reactor shutdown as required by the Technical Specifications. The unidentified leakage peaked at 9.3 gpm as indicated by the reactor building sump flow recorder located in the control room.

As of 2:14 p.m. on August 24, the reactor had been shutdown and the unidentified leakage rate had correspondingly decreased to approximately 8 gpm. The Supply System is currently monitoring leakage through grab sample every 20 minutes and constantly monitoring the flow recorder. Personnel are in the process of analyzing the collected leakage to determine if the source is pressure boundary leakage. However, at this time, the licensee believes that the source is probably feedwater or condensed steam from the steam relief valves (SRVs). The licensee has been experiencing SRV leakage for several months. The Supply System is currently purging the drywell in order to prepare for a containment entry. The purpose of this entry will be to determine the source of the leakage. In addition, a planned release within the Technical Specification limit is in progress as a result of the purge. No unplanned release of radioactivity has occurred. The licensee has issued a press release and plans to continue with the Unusual Event classification until the leakage rate decreases below 5 gpm or until the source of the leakage is determined. The resident inspectors and Region V are monitoring the licensee's actions to ascertain the source of the leakage.

This information is current as of 2:15 p.m. on August 24, 1988.

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