

*PDR Advance Copy per J. Rathje*PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-91-31 Date: 11/19/91

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

SUBJECT: REACTOR SCRAM AND ECCS INJECTION FOLLOWING LOSS OF MAIN FEEDWATER

The licensee declared an Unusual Event at 7:47 a.m. (all times PST) on November 19, 1991 following a low reactor pressure vessel (RPV) level condition with emergency core cooling systems (ECCS) injecting. The event was initiated from 100% reactor power when an apparent feedwater level control system failure caused both operating feed pumps to overfeed the RPV to the high level (level 8, 54.5") turbine trip setpoint. At level 8 the reactor feed pumps tripped. The reactor tripped on turbine trip. RPV level then shrank to just below the -50" low level (level 2) setpoint which initiated high pressure ECCS injection and main steam line isolation.

All ECCS systems responded as designed and RPV level was recovered. RPV pressure was maintained with safety relief valves relieving to the suppression pool, as designed. Approximately 9:00 a.m. the main steam isolation valves (which had closed on level 2) were reopened and condensate and condensate booster pumps were used to maintain normal RPV pressure and level control. The Unusual Event was terminated at 9:45 a.m. The plant is currently stable in Hot Shutdown, Mode 3, and the licensee is investigating the cause of the event.

The resident inspectors responded to the control room and are following the licensee's evaluation and corrective actions. The event occurred just prior to the scheduled start of the annual emergency preparedness drill. An NRC site team of approximately 25 persons were in Richland, Washington in anticipation of the drill. The drill initiation has been postponed to November 20, 1991.

The licensee has issued a press release addressing the Unusual Event.

Region V received initial notification of this occurrence by telephone call from the Senior Resident Inspector at 7:50 a.m. on November 19, 1991. The information presented herein has been discussed with the licensee, and is current as of 11:30 a.m. November 19, 1991.

CONTACT: K. Johnston
FTS 448-0354

C. Sorensen
(509) 377-2627

*OK DFO2**100095*

9712150375 911119
PDR I&E
PNO-V-91-031 PDR