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PRELIMINARY NOTIFICATION

July 9, 1980

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-V-80-56

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 IE staff on this date.

FACILITY: Portland General Electric Company
Trojan Nuclear Plant
Rainier, Oregon
Docket No. 50-344

SUBJECT: EXCESSIVE CHLORINE AND LOW pH IN EFFLUENT RELEASED TO THE COLUMBIA RIVER

The licensee reported to the NRC Resident Inspector that chlorine in excess of the limit in Technical Specification 2.2.1.3 (Appendix B) had been detected in the effluent water being released to the Columbia River. The residual chlorine concentration was a maximum of 4 parts per million (TS limit is no residual chlorine). The excess residual chlorine was detected at about 8:15 P.M. on July 8, 1980 and it remained above the limit for about 11 minutes

The licensee reported that in addition to the high residual chlorine, there was a resultant depression in the pH of the effluent water. The maximum residual chlorine concentration was 4 parts per million and the lowest pH measurement was 4.5. The technical specification limit (No. 2.2.4.3, Appendix B) for the pH is the range 6.0 to 9.0. The high residual chlorine concentration, and depressed pH, was the result of an operational error related to the addition of chlorine to the service water which resulted in the chlorine being added at a rate above normal. The Plant Review Board will review this occurrence.

This PN is for information only and is considered closed for daily reporting purposes.

Media interest is not expected. Neither the licensee nor the NRC plans to issue a news release. The EPA Region X Office, Seattle, Washington and the Oregon Department of Energy have been informed of this occurrence.

The above information was obtained from phone contacts with the NRC Resident Inspector and the licensee's chemist on July 9, 1980.

CONTACT: R. Fish, 463-3761

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