

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-85-46

Date: 07/22/85

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: Portland General Electric Company
Trojan Nuclear Plant
Docket No. 50-344
Portland, OR 97204

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

SUBJECT: REACTOR TRIP AND SUBSEQUENT SHUTDOWN FOR GREATER THAN 48 HOURS

The reactor tripped from 100% power at 7:07 a.m., PDT, on July 20, '85, because of a turbine trip that was caused by the loss of the unit auxiliary transformer. The auxiliary transformer "locked out" due to high temperature when the failure of a control relay caused the loss of its cooling fans. All systems functioned normally following the trip except that low pump suction pressure caused the trip of one auxiliary feedwater pump and then the other after restart of the first pump. This feature was subsequently bypassed by the operator.

The low suction pressure was caused by excessive combined flow from the two auxiliary feedwater pumps which draw from a single header from the condensate storage tank. The flow control valves were open farther than required since new controllers had been installed during the recent refueling outage. Surveillance tests of individual flow paths previously performed did not indicate that low pump suction pressure would be a problem. The valves have now been adjusted and the limit switch band for minimum-maximum flow reset to preclude future problems.

The reactor had to be taken to Mode 4 to repair a circulating water to hot well leak that developed during the transit. Due to water cleanup and the repair, startup was not expected until July 23, 1985.

This information is current as of 8:00 a.m., PDT, July 22, 1985.

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Regions: RI-1:32, RII-1:34, RIII-1:59, RIV-2:00
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REGION V: FORM 211
(Revised 3/14/83)

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