

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 IE staff on this date. *DMG*

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

Subject: CONTROL ROOM WALL STRUCTURAL DEFICIENCY

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

A "knock out" panel was identified in the north wall of the reactor control room during a review of masonry walls with NRR in September 1982. Subsequent examination of the panel disclosed that both the vertical and horizontal joints of the panel were "lubricated" during initial design and construction to facilitate removal of the panel should an adjoining control room be added. Construction photographs of the panel also showed a metal plate in the wall about three feet above the top of the panel, precluding penetration of the reinforcing steel from the roof. Analysis shows that the calculated yield stress will exceed the 50% margin of safety required for the OBE but that the yield stress margin for the SSE would not be exceeded due to the differences in conservatism of engineering factors used in the separate calculations. The wall is expected to be corrected by drilling from the roof through the plate and into the wall and/or the knock out panel. Dowels will be added and grouted in place. The corrective measures are expected to be completed in about six weeks. The licensee will issue confirmatory notification within 24 hours and submit the required 14-day written report.

RV will monitor the corrective action.

Media interest is not expected. Neither the licensee nor the NRC plans to issue a news release. Region V (San Francisco) received notification of this occurrence from the licensee at 3:00 p.m. on 1/06/83. This information is current as of 9:00 a.m. on 1/07/83.

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IE-34