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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.

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

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

Subject: INOPERABILITY OF ENGINEERED SAFETY  
FEATURES AUTOMATIC ACTUATION

A reactor operator at the Trojan facility determined at approximately 11:30 a.m. on August 20, 1982, that the reactor had been in Mode 3 (hot standby, coolant temperature greater than 350 degrees F) for approximately a day and a half with automatic actuation of the safety injection system (SIS) blocked. Upon discovery, the reactor trip breakers were reset, unblocking the SIS for automatic actuation. Manual actuation capability was available. The licensee is investigating to determine the circumstances related to the occurrence.

The reactor was at normal operating temperature and pressure (approximately 550 degrees F, 2235 psig) when this condition was discovered. It should be noted that the facility is nearing the end of a refueling outage, and the reactor has not been critical since April 19, 1982. The amount of decay heat being generated in the core is therefore very small. The reactor trip breakers would also have to have been closed to start up the reactor, which would have automatically restored all ESFAS functions to normal.

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 12:55 p.m. on 8/20/82. This information is current as of 2:00 p.m. PDT on 8/20/82.

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PNO-V-82-036 PDR

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(Reactor Licensees)