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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: Pacific Gas & Electric Co.  
Diablo Canyon Unit 1  
Docket No. 50-275  
San Luis Obispo County, California

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

SUBJECT: INADVERTENT SAFETY INJECTION ACTUATION

Diablo Canyon 1 experienced an inadvertent safety injection (SI) actuation at 0709 on Saturday, July 28, 1984. The unit was in hot standby (at approximately normal operating temperature) with all rods inserted at the time. The SI was terminated at 0715 after an estimated 2000 gallons were injected. No safety concerns or problems were identified as a result of the event.

The SI was initiated by a high steam flow signal coincident with a low-low Tave (setpoint is 543°F) in the reactor coolant system (RCS). The high steam flow signal resulted from surveillance testing in progress. Although RCS temperature was greater than 543°F when surveillance testing began, a temperature decrease of several degrees subsequently occurred when steam generator water levels were increased using the auxiliary feed system. This provided the coincident signals necessary for an SI initiation. Pressurizer level and pressure and RCS temperature did not change significantly as a result of the actuation. The licensee declared and subsequently terminated a Notification of Unusual Event as prescribed by station procedures.

The licensee was planning to include this event in a routine periodic press release. Region V (San Francisco) received notification of this occurrence from the Senior Resident Inspector on July 28, 1984. Region V provided a telephone briefing on the event to the Commissioners' staff at 9:30 a.m. PDT on July 28, 1984.

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REGION V: FORM 211  
(Revised 3/14/83)

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