

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-86-27 Date: 5/7/86

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: Pacific Gas & Electric Company
Diablo Canyon Unit 2
San Luis Obispo County, CA
Docket No. 50-323

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

SUBJECT: LOSS OF ONE INDEPENDENT OFFSITE CIRCUIT

At 2:24 p.m. (PDST) on May 5, 1986, the 2-1 Diesel Generator (DG) was unexpectedly started, and loaded, on a vital bus G undervoltage condition. This event was reported at 5:05 p.m. as an ESF actuation as required by 10 CFR 50.72 for 4 hour reportability.

The circumstances surrounding this event began earlier that afternoon as plant operators were stabilizing plant conditions following an automatic main turbine runback from 100% power to 20% due to loss of stator cooling water. While attempting to realign vital 4KV bus G from auxiliary power to startup power, the auxiliary power feeder breaker (52 HG 13) tripped on overcurrent and the startup power feeder breaker did not close in. This resulted in a loss of power (i.e., undervoltage) to vital 4KV bus G causing the associated DG (2-1) to start and load. After about 15 minutes, plant operators successfully transferred bus G from the diesel back to startup power. The auxiliary power supply was subsequently declared inoperable as an independent offsite circuit.

Plant operators are starting (testing) diesel generators every 8 hours in accordance with TS requirements while the electrical maintenance department conducts an investigation.

This information is current as of 9:15 a.m. (PDST) on May 7, 1986.

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T. Ross, Resident Inspector, 805-595-2354

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