

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-V-85-82 Date: 12/03/85

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: PACIFIC GAS & ELECTRIC COMPANY  
DIABLO CANYON UNIT 2  
DOCKET NO. 50-323  
SAN LUIS OBISPO COUNTY, CA

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

SUBJECT: UNIT 2 REACTOR TRIP AND SAFETY INJECTION  
(Shutdown to exceed 48 hours)

On December 2, 1985, a low tide concurrent with high seas caused a significant amount of kelp to be injected into the condenser circulating water intake structure causing degradation of the circulating water system. In the process of shutting down the reactor, control rod position indication was lost at 20% of power; whereupon, the operator manually tripped the reactor at 9:19 pm, PST, rather than continue with the controlled shutdown. Following the trip, a spurious safety injection signal from high steam flow resulted in about 900 gallons of solution from the boron injection tank being injected into the reactor coolant system. Given the plant conditions and spurious safety injection signal, all equipment performed as designed. The licensee is currently investigating the cause of the safety injection signal and the failure in the digital rod position indicating system. Repair and cleanup is in progress on the circulating water system. An Unusual Event was declared due to the safety injection and was terminated at 9:40 pm.

Unit 1 was also shutdown in an orderly manner, due to circulating water system problems caused by kelp intrusion at the common structure.

This information is current as of <sup>1:00 PM</sup> 10:00 am, December 3, 1985.

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#### DISTRIBUTION

Fr St. <u>3:04</u>	MNBB <u>2:04</u>	Phillips <u>8:02</u>	E/W <u>2:21</u>	Willste <u>3:05</u>	Air Rights <u>2:20</u>	Mail:
Chairman Palladino	EDO	NRR	IE	NMSS		ADM:DMB
Comm. Zech	PA		OIA	RES		DOT:Trans Only
Comm. Bernthal	MPA		AEOD			
Comm. Roberts	ELD					
Comm. Asselstine						
SECY						
ACRS						
CA						
PDR						

Regions: RI-3:07, RII-3:34, RIII-3:35, RIIV-3:36  
INPO 7:33 NSAC 3:38  
Licensee: 4:04  
(Reactor Licensees)  
Resident Inspector 8:11

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

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PDR I&E  
PNO-V-85-082 PDR

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