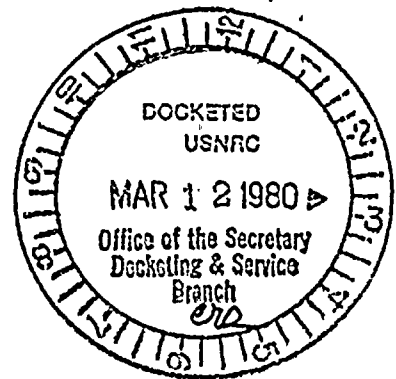


UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING APPEAL BOARD

Richard S. Salzman, Chairman  
Dr. W. Reed Johnson  
Thomas S. Moore



In the Matter of

PACIFIC GAS AND ELECTRIC COMPANY

(Diablo Canyon Nuclear Power Plant,  
Units 1 and 2)

Docket Nos.. 50-275 OL  
50-323 OL

MODIFICATION TO FIRST PREHEARING CONFERENCE ORDER

March 11, 1980

In addition to instructions set forth in our First Prehearing Conference Order of February 25, 1980, the parties are instructed to do the following:

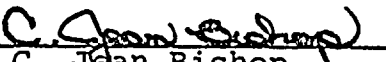
- (1) The staff shall deliver by hand to the Secretary of this Board by March 18, 1980, a sealed copy (including all amendments, appendices, exhibits, etc.) of the current security plan for the Pacific Gas and Electric Company's Diablo Canyon Nuclear Power Plant.

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- (2) Lead counsel for the staff shall have in his possession at the April 2, 1980 prehearing conference one copy of the security plan for the Diablo Canyon Nuclear Power Plant conforming to the one previously supplied to this Board. Staff counsel shall also have in his possession at the prehearing conference three copies of the "sanitized" version of the security plan (see item IIC(3) of the February 25, 1980 First Prehearing Conference Order) for use as we may direct at that conference.

It is so ORDERED.

FOR THE APPEAL BOARD

  
C. Jean Bishop  
Secretary to the  
Appeal Board

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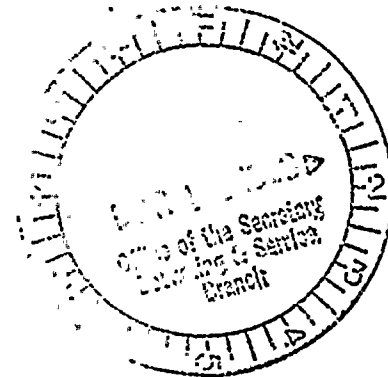
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PACIFIC GAS AND ELECTRIC COMPANY

LAW DEPARTMENT - 77 BEALE STREET, 31ST FLOOR • SAN FRANCISCO, CALIFORNIA 94106 • (415) 781-4211

March 10, 1980

Mr. R. H. Engelken, Director  
Office of Inspection and Enforcement  
Region V  
U. S. Nuclear Regulatory Commission  
1990 N. California Boulevard  
Walnut Creek Plaza, Suite 202  
Walnut Creek, California 94596



Re: Docket No. 50-275  
Diablo Canyon Unit 1

Dear Mr. Engelken:

This preliminary report is made pursuant to 10 CFR 50.55(a). The report concerns a possible defect in equipment installed at the Diablo Canyon Site, Unit 1, which could adversely affect plant safety. This concern was reported verbally to the Region V office on January 18, 1980.

Plastic castings used to hold auxiliary electrical contacts in safety related 4 kV circuit breakers at Diablo Canyon Unit 1 (a different switch design has been installed in Unit 2) had been observed to contain cracks. If the cracking continued to the point of failure, movable contacts of the circuit breaker auxiliary switch could become dislodged and render the switch inoperative. This mode of failure would prevent operation of the 4 kV breaker mechanism and preclude its safety function. It should be noted that these breakers have been exercised repeatedly in preoperational tests and no failure has occurred.

The equipment is the auxiliary switch component of General Electric Vertical Lift Metal Clad Switchgear with Magna-blast power circuit breakers, rated 4160 volt, 250 MVA. The auxiliary switch is the basic switch mechanism from the GE SBM type control switch. The NRC Staff was informed of this problem by the General Electric Company in a memo issued by its I. & S.E. group in 1976.

Discussions are presently being conducted with GE to resolve the issue. It is anticipated that the switch mechanism will

COPY

Mr. R. H. Engelken

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March 10, 1980

be replaced with a mechanism having a design which is not subject to this problem. The replacement will be made before power operation.

A final report will be submitted when resolution has been reached with GE.

Very truly yours,

Philip A. Crane, Jr.

CC: Service List