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ACCESSION NBR:8310120404    DOC.DATE: 83/10/06 NOTARIZED: NO    DOCKET #  
FACIL:50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga    05000275  
AUTH.NAME                AUTHOR AFFILIATION  
SCHUYLER,J.O.           Pacific Gas & Electric Co.  
RECIP.NAME               RECIPIENT AFFILIATION  
EISENHUT,D.G.           Division of Licensing

**SUBJECT:** Provides clarification for certain designations in FSAR figures & tables re steam generator blowdown isolation per SSER 18. Classification & installation of relays will be completed prior to full power operation.

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Such an effort at reconstruction must be based on the best available information, and it is the responsibility of each student to do his best to assist in this reconstruction.

PACIFIC GAS AND ELECTRIC COMPANY

PG&E +

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J. O. SCHUYLER  
VICE PRESIDENT  
NUCLEAR POWER GENERATION

October 6, 1983

Mr. D. G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Docket No. 50-275, OL-DPR-76  
Diablo Canyon Unit 1  
Steam Generator Blowdown Isolation

Dear Mr. Eisenhut:

On September 9, 1983, PG&E provided a response to Diablo Canyon SSER 18, Appendix C, Section 4.2.3.1 concerning use of a single relay to isolate steam generator blowdown on automatic initiation of the Auxiliary Feedwater System (AFWS). In this response, PG&E committed to installation of a redundant relay as shown in FSAR Figure 7.2-1. The existing and additional relays will be classified as safety-related. This classification and installation will be completed prior to full power operation.

The "S" designation in FSAR Figure 6.2-14, Sheets 1 and 2, for initiating signals to steam generator blowdown, main steam, and feedwater supply isolation is misleading in these particular cases since the signals are not safety injection signals. There is no distinct FSAR designation for the steam line and feedwater isolation signals, which are defined by items 3 and 4 of FSAR Table 6.2-25. To better clarify signal sources, the "S" designations for steam line isolation and feedwater line isolation signals shown on FSAR Figure 6.2-14, Sheets 1 and 2, will be changed to "M" and "F" designations respectively. This change will also require definition of "M" as the Main Steam Isolation Signal and "F" as the Feedwater Isolation Signal in Figure 6.2-13, Sheet 2. Associated changes will be made in Table 6.2-24, Sheet 3. Figure 7.2-1, Sheet 13, will be changed to show that the feedwater pumps are tripped by train B signals and the feedwater isolation valves are closed by train A signals. In addition the FSAR will be reviewed for other changes needed to clarify the signals related to steam line isolation and feedwater line isolation. Any changes arising from this review and those discussed above will be made in the next FSAR Update.

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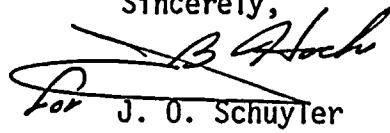
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D. G. Eisenhut  
October 6, 1983  
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Kindly acknowledge receipt of this letter on the enclosed copy and return it in the enclosed addressed envelope.

Sincerely,

  
for J. O. Schuyler

cc: R. L. Cloud, RLCA  
W. E. Cooper, TES  
J. B. Martin, NRC  
H. E. Schierling, NRC  
F. Sestak, Jr., S&W  
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