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bcc: ACRS (16)

NSIC

TIC

D. Allison

Docket No. 50-275  
and 50-323

Pacific Gas and Electric Company  
ATTN: Mr. John C. Morrissey  
Vice President & General Counsel  
77 Beale Street  
San Francisco, California 94106

Gentlemen:

SUBJECT: INSTRUMENT TRIP SETPOINT VALUES  
(DIABLO CANYON, UNITS 1 AND 2)

Our review of facility operating experience indicates the need for additional information regarding the proper selection of instrumentation trip setpoint values. This conclusion is supported by the large number of Licensing Event Reports (LERs) received by the Commission related to instrument setpoint drift beyond the limits permitted by facility technical specifications.

We have structured the Standard Technical Specifications (STS) to minimize the need for licensees to submit LERs related to instrument drift provided that allowances for drift have been properly accounted for in the analyses supporting the selection of the trip setpoint values.

In view of the above, we require explicit information concerning each Reactor Protection System (RPS) and Engineered Safeguards Features (ESF) trip setpoint value as part of the documentation to be provided in order to complete licensing action on your facility.

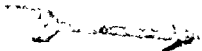
Since your FSAR does not contain sufficient information necessary for our evaluation, you should provide the following values for each RPS and ESF instrumentation channel:

- (a) The technical specification trip setpoint value,
- (b) The technical specification allowable value (i.e., the technical specification trip setpoint plus the instrument drift assumed in the accident analysis),
- (c) The instrument drift assumed to occur during the interval between technical specification surveillance tests,

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- (d) The components of the cumulative instrument bias (e.g., instrument calibration error, instrument drift, instrument error, etc.), and
- (e) The minimum margin between the technical specification trip setpoint and the trip value assumed in the accident analysis.

Although we desire to receive the above information in time to permit inclusion of allowances for instrument drift in the Technical Specifications for your facility operating license, we recognize such a submittal may be impractical because of the time constraints involved in assembling the necessary information. Therefore, if you have not submitted trip setpoint information prior to issuance of your operating license, we will include a license provision requiring such a submittal within six months from date of license issuance.

You should advise us within 30 days of receipt of this letter, your proposed schedule for submittal of this information.

Should you desire further information regarding this subject, please contact us.

Sincerely,

Original Signed by,  
John F. Stolz

John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Project Management

cc: See Page 3

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SURNAME >	<i>DDA</i> DALLISON:klj	<i>JStolz</i>				
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