

JUL. 11 1975

Docket Nos. 50-275  
and 50-323

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

Gentlemen:

We have identified three areas in the Diablo Canyon design where the protection against tornado missiles will require further review. These areas were discussed briefly at the ACRS meeting of June 5, 1975 on Diablo Canyon.

The areas which we consider potentially weak are as follows:

- (1) The 4.16kv switchgear rooms in the Turbine Building at elevation 119 do not appear to have substantial protection from tornado missiles which might penetrate the turbine building walls in the vicinity of these rooms.
- (2) The diesel generators and their radiators appear to be vulnerable to small missiles which might go through the spaces between the I - beams in the air intakes.
- (3) It is not clear what the missile resisting capability of the pipes connecting to the component cooling surge tanks is. Also, it is not clear whether the component cooling system could be operated if damage to the surge tank or piping were sustained.

Please describe the feasibility and cost of making improvements to the tornado missile protection for each of these areas. This description should include consideration of a substantial concrete

*miss (4)  
(Not necessary any  
to applicants  
concrete)*

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wall protecting the 4.16kv switchgear rooms. We will need this information by August 8, 1975 in order to support our current review schedule. Let us know whether or not you will be able to meet this date. Feel free to contact us if you have any questions or comments about this matter.

Sincerely,

Original Signed by  
O. D. Parr

Olan D. Parr, Chief  
Light Water Reactors  
Project Branch 1-3  
Division of Reactor Licensing

cc: see page 3

B. GRIMES  
AAB  
*[Handwritten signature]*

OFFICE >	RL:LWR 1-3 <i>[Handwritten initials]</i>	RL:LWR 1-3 <i>[Handwritten initials]</i>				
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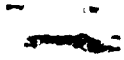
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OFFICE						
SURNAME						
DATE						



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