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Docket Nos. 50-275
and 50-323

JAN 16 1974

Pacific Gas and Electric Company
ATTN: Mr. Frederick T. Searls
Vice President and General Counsel
77 Beale Street
San Francisco, California 94106

Gentlemen:

In order that we may continue our ongoing review of your application for licenses to operate the Diablo Canyon Units 1 and 2, additional information is required. The specific information required is described in the enclosure and concerns compliance with the Codes and Standards Rule, 50.55a of 10 CFR Part 50, System Quality Group Classifications and Seismic Classifications of safety related fluid systems.

In order to maintain the licensing review schedule set forth in our letter to you dated December 21, 1973, we will need a completely adequate response to the enclosed questions within the next several weeks. Please inform us of when we can expect to receive your responses to these questions, and contact us if you have any questions regarding the information that has been requested.

Sincerely,

Original Signed By
K. R. Goller

Karl R. Goller, Chief
Light Water Reactors Group 1-3
Directorate of Licensing

Enclosure:
Request for Additional Information

cc w/encl: See attached

LB

OFFICE	L:LWR 1-3	L:LWR 1-3				Appl.
SURNAME	x7415 TJHirons	KRGoller				
DATE	1/ /74	1/ /74				

JAN 16 1974

cc w/encl:
Mr. W. J. Lindblad, Project Engineer
Pacific Gas and Electric Company
77 Beale Street
San Francisco, California 94106

P. A. Crane, Jr., Esq.
Pacific Gas and Electric Company
245 Market Street
San Francisco, California 94106

Westinghouse Electric Corporation
ATTN: Mr. Joseph W. Dorrycott
Project Manager, Diablo Canyon
P. O. Box 355
Pittsburgh, Pennsylvania 15230

OFFICE➤						
SURNAME➤						
DATE➤						

cc w/encl:
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Pacific Gas and Electric Company
77 Beale Street
San Francisco, California 94106

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Pacific Gas and Electric Company
245 Market Street
San Francisco, California 94106

Westinghouse Electric Corporation
ATTN: Mr. Joseph W. Dorrycott
Project Manager, Diablo Canyon
P. O. Box 355
Pittsburgh, Pennsylvania 15230

REQUEST FOR ADDITIONAL INFORMATION

PACIFIC GAS AND ELECTRIC COMPANY

DIABLO CANYON, UNITS 1 AND 2

DOCKET NOS. 50-275 AND 50-323

3.0 DESIGN CRITERIA - STRUCTURES, COMPONENTS, EQUIPMENT, AND SYSTEMS

3.31 You indicate in Table 3.2.4 that the portions of systems listed below were designed, fabricated, erected and tested in accordance with ASME Boiler and Pressure Vessel Code, Section I. Identify any additional quality assurance and nondestructive testing that you performed on these portions of these systems that correspond to a level of quality equivalent to AEC Quality Group B.

The portions of these systems are:

1. Steam generator feedwater piping, from containment isolation valves through containment penetrations to steam generators.

2. Auxiliary feedwater piping, from check valves to main feedwater piping.

3. Main steam piping, from steam generators through containment penetrations to main steam isolation valves, and

4. Steam generator blowdown and blowdown sample piping, from steam generators through containment penetrations to isolation valves.

3.32 Your Code Class III Classification in Table 3.2-4 for the accummulator piping, except for nitrogen supply line, and the injection water supply piping, from the refueling water storage tank to the suction of the system pumps, is not in agreement with current practice. The quality assurance and nondestructive testing requirements for these portions of the Safety Injection System should correspond to a level of quality equivalent to AEC Quality Group B. Indicate your intent to upgrade these portions of this system to this quality group, or else discuss your alternate proposal and the justification of this alternate.

3.33 Your Code Class III Classification in Table 3.2-4 for the pressurizer steam space sample line is not in agreement with current practice. Our position is that the quality assurance and nondestructive testing requirements for this sample line should correspond to a level of quality equivalent to AEC Quality Group B. Indicate your intention to update this sample line to Quality Group B, or else discuss your alternate proposal and the justification of this alternate.

3.34 Your Code Class III Classification in Table 3.2-4 for portions of Containment Spray Piping is not in agreement with current practice. Our position is that the quality assurance and nondestructive testing requirements for this spray piping should correspond to a level of quality equivalent to AEC Quality Group B. Indicate your intention to update this spray piping to this quality group, or else discuss your alternate proposal and the justification of this alternate.

3.35 Your Design Class II and Non-Code Classification in Table 3.2-4 for those portions of the Spent Fuel Pool Cooling System that perform a cooling function is not in agreement with current practice. Our position is that the cooling loop of this system should be classified Seismic Category 1, and in addition, the quality assurance and nondestructive testing requirements should correspond to a level of quality equivalent to AEC Quality Group C. Indicate your intention to update this cooling system to Quality Group C, or else discuss your alternate classification and the justification of this alternate.

5.0 REACTOR COOLANT SYSTEM AND CONNECTED SYSTEMS

5.14 In order to establish compliance with Section 50.55a of 10 CFR Part 50, provide a list of ASME and ANSI Code Cases Interpretations applied to AEC Quality Group A (ASME Section III, Class A or equivalent industry codes and standards) components within the reactor coolant pressure boundary.

5.15 In order to establish compliance with Section 50.55a of 10 CFR Part 50, provide the order or contract dates for those AEC Quality Group A components within the reactor coolant pressure boundary identified in Table 5.2-1.

Docket Nos. 50-275
and 50-323

JAN 4 1974

Pacific Gas and Electric Company
ATTN: Mr. Frederick T. Searls
Vice President and General Counsel
77 Beale Street
San Francisco, California 94106

Gentlemen:

In order that we may continue our review of your application for licenses to operate the Diablo Canyon Units 1 and 2, additional information is required. The specific information required is described in the enclosure.

With regard to the new 17 x 17 fuel design that you have indicated will be utilized in the Diablo Canyon Units, you have informed us previously that an amendment on this subject would be submitted to us by March 1, 1974. Our staff review of the Westinghouse topical report WCAP-8185 on this fuel design is continuing. Any requirements for additional information or other communications relative to our review of this topical report are and will continue to be sent directly to Westinghouse. It is our understanding that when your amendment is submitted, all of the information in the topical report, as it may have been modified as a result of our review up to that time, will be incorporated. Please confirm or correct this understanding.

The items in the enclosure are organized into groups which correspond to your Final Safety Analysis Report (FSAR) chapter headings. These items are sequentially numbered within each chapter; we will continue to employ this numbering system in any future requests for information to maintain continuity. The requests in this letter are based on our review of the FSAR through Amendment No. 1.

In order to maintain the licensing review schedule set forth in our letter to you dated December 21, 1973, we will need a completely adequate response to the enclosed questions by February 15, 1974. If you cannot meet this date or if your reply is not fully responsive to our request, it is highly probable that the overall schedule for completing the licensing review of your application will have to be extended.

LB

OFFICE ▶						
SURNAME ▶						
DATE ▶						

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Please contact us if you have any questions regarding the information that has been requested.

Sincerely,

Original Signed By
K. R. Goller

Karl R. Goller, Chief
Light Water Reactors Group 1-3
Directorate of Licensing

Enclosure:
Request for Additional Information

cc w/encl:
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Pacific Gas and Electric Company
77 Beale Street
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DATE ▶	1/ /74	1/ /74				