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Region V, Division of Compliance

DIABLO CANYON UNIT NO. 1, PACIFIC GAS & ELECTRIC COMPANY  
DOCKET NO. 50-275

The Cameron Iron Works (CIW) and the Southwest Fabricating and Welding Company (SWFWCO) both located in Houston, Texas, were visited by me on May 6-7, 1969. The purpose of the visits was to review QA-QC programs for the Pacific Gas and Electric Company Diablo Canyon Unit No. 1 reactor primary piping. A second purpose of the visit was to review problems associated with the Emergency Core Cooling System (ECCS) piping for the Consumers Power Company Palisades reactor (Section C of this report).

The problems relative to the Palisades reactor ECCS piping appear to have been satisfactorily resolved.

Our review of the QA-QC programs maintained by CIW, SWFWCO and Westinghouse in conjunction with the Diablo Canyon Unit No. 1 reactor and with reference to PI 3800 indicates that:

1. Both CIW and SWFWCO maintain vigorous, comprehensive QC programs in the form of "tight" process control program concepts and very close management-staff working contact as opposed to more formal QC programs. However, we feel that, except for such contingencies as relatively long-term loss of key personnel, the process control concept is an adequate QC approach in both plants.
2. Neither CIW nor SWFWCO have structured or maintained a formal QA program. CIW decries the need for a formal QA program whereas SWFWCO recognizes a potential value and has proposed additional activity in this area.

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3. The PI 3800 licensee-contractor QA criteria have been adequately expedited, by both Westinghouse (Diablo Canyon-PG&E) and Bechtel (Palisades - CP) in the form of purchase specifications, welding instructions, forging instructions, QC instructions and audit and review (inspection) programs. Our comment in this matter is based partially on a review of documents and records but mostly on comments provided by the licensee-contractor and vendor personnel during the visit. We cannot speak for CP (Region III) but, as you know, PG&E is still in the process of documenting a QA program for Commission review.

*W. E. Vetter*

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