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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275  
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323  
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 CRANE, P. A. Pacific Gas & Electric Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 STOLZ, J. F. Light Water Reactors Branch 1

SUBJECT: Responds to NRC request for addl info re secondary water chemistry control by forwarding administrative operating & chemical analysis procedures. Procedures include schematic diagrams indicating sampling point locations.

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Mr. John F. Stolz, Chief  
Light Water Reactors Branch No. 1  
Division of Project Management  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Docket No. 50-275  
Docket No. 50-323  
Diablo Canyon Units 1 and 2

Reference: (a) NRC letter dated August 2, 1979  
Mr. J. F. Stolz to Mr. J. C. Morrissey  
(b) PGandE letter dated December 5, 1979  
Mr. P. A. Crane to Mr. J. F. Stolz

Dear Mr. Stolz:

In our reference (b) letter, we presented our initial response to your reference (a) letter regarding secondary water chemistry control. Since submitting our initial response, we have been apprised in telephone conversations with the NRC reviewer (Mr. Turovlin) that additional and more detailed information is desired on this subject.

In an effort to be responsive to the reviewer's request, we are submitting herewith copies of the Diablo Canyon administrative, operating and chemical analysis procedures referenced in the general program description which accompanied our reference (b) letter. These procedures specify actual chemical limits, sampling schedules, required corrective actions, and other details of the plant's chemical control program. We are also enclosing copies of schematic diagrams of the Diablo Canyon secondary system which indicate the locations of sampling points referred to in the procedures. (One color-coded set of the schematics has been sent directly to the reviewer.) Also enclosed for reference is a copy of the general program description which accompanied our previous letter.

Boo! SE/140

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Mr. John F. Stolz

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April 8, 1980

We wish to emphasize that, as stated in the general program description, the procedures involved are subject to periodic review and revision of the Plant Staff Review Committee, and, therefore, they are submitted unsigned. Signed procedures are issued only as controlled copies. The NRC Region V office has access to a complete current set.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it to me in the enclosed addressed envelope.

Very truly yours,

*Philip A. Crane, Jr.*

Enclosures (40)

Operating Procedure No. F-5, Rev. 1  
Chemistry Analysis Procedure No. A-2, Rev. 0  
Chemistry Analysis Procedure No. E-6, Rev. 0  
Administrative Procedure No. C-12, Rev. 2  
Administrative Procedure No. C-201, Rev. 1  
w/Supplement, 1, Rev. 0  
Process Diagram 102002, sheets 5, 7, and 11  
Process Diagram 102003, sheet 3  
Process Diagram 102-04, sheets 3, 5, and 7  
"Attachment 1" to Reference (b) letter

CC w/encs.: Director  
Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

The first part of the document discusses the importance of maintaining accurate records. It emphasizes that proper record-keeping is essential for ensuring the integrity and reliability of the data collected. This section also outlines the various methods used to collect and analyze the data, highlighting the challenges faced during the process.

The second part of the document provides a detailed description of the experimental setup. It includes information about the equipment used, the procedures followed, and the conditions under which the data was collected. This section is intended to provide a clear and concise overview of the methodology used in the study.

The third part of the document presents the results of the study. It includes a series of tables and graphs that illustrate the data collected. The results show that there is a significant correlation between the variables studied, and that the data collected is consistent with the theoretical predictions.

The final part of the document discusses the conclusions drawn from the study. It highlights the key findings and discusses their implications for future research. The authors also acknowledge the limitations of the study and provide suggestions for further work.

In conclusion, this study has provided valuable insights into the relationship between the variables studied. The results show that there is a strong correlation between the variables, and that the data collected is consistent with the theoretical predictions. This study will be a valuable resource for researchers in this field.