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ACCESSION NBR: 8303170118 DOC. DATE: 83/03/10 NOTARIZED: NO DOCKET #
 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Gas 05000275
 AUTH. NAME AUTHOR AFFILIATION
 DENISON, E. Robert L. Cloud Associates, Inc.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director.
 ENGELKEN, R. H. Region 5, Office of Director
 MANEATIS, G. H. Pacific Gas & Electric Co.

SUBJECT: Forwards Open Item Repts 1114, 1115 & 1116 Rev 0 for Mar 1983. Corporate employees completed acceptance statement re potential or apparent conflicts of interest.

DISTRIBUTION CODE: D013S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
 TITLE: Diablo Canyon (50-275) Independent Design Verification Program

NOTES: J Hanchett 1cy PDR Documents.

05000275

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	IE/DEQA DIR	1 1	IE/DRP DIR	1 1
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EXTERNAL:	ACRS 19	16 16	LPDR 03	2 2
	NRC PDR 02	1 1	NSIC 05	1 1
	NTIS	1 1		
NOTES:		1 1		

ROBERT L. CLOUD ASSOCIATES, INC.

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P105-4

March 10, 1983

Mr. G. H. Maneatis, Executive Vice President
Facilities and Electric Resources Development
Pacific Gas and Electric Company
77 Beale Street
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Mr. H.R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. R.H. Engelken, Regional Administrator
Region V
U.S. Nuclear Regulatory Commission
1450 Maria Lane, Suite 210
Walnut Creek, California 94596

Docket No. 50-275
Diablo Canyon Unit 1
License No. DPR-76

Gentlemen:

Enclosed please find Open Item Reports 1114, 1115, and 1116 Revision 0,
issued by Robert L. Cloud and Associates during the prior reporting
period.

As required by DCNPP-IDVP-PP-005, Revision 2, individuals assigned
by this organization to the IDVP have completed an acceptance state-
ment regarding potential or apparent conflicts of interest.

Yours truly,

Edward Denison

Edward Denison

Enclosure

cc: R. Fray
R. Reedy
F. Sestak
W. Cooper
H. Schierling
R. Hubbard

M. Strumwasser
J. Reynolds
D. Fleischaker
B. Norton
A. Gehr

DESIGNATED ORIGINAL

Certified By *Jean Lee*

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1. Date reported to PG&E and TES 2/18/83
2. Scheduled for RLCA (Originator) Semimonthly Report No. March
3. Responsive to PG&E Technical Program; Task N/A (if applicable)
4. Prepared as a result of:
 - a. QA Audit and Review Report of _____
 - b. Field Inspection Deficiency
 - c. Independent Calculation Deficiency
 - d. Seismic Input Deficiency
 - e. Design Methodology Deficiency
 - f. Other Deficiency
5. Structure(s), system(s) or component(s) involved:

Main Steam Isolation Valve FCV-41

6. Description of Concern:

Results of design and independent verification analysis differ by more than 15%.

7. Significance of Concern:

All stresses below allowable.

8. Recommendation:

Closed item.

9. Signature: Edward Denison 2/18/83 (Originator/Organization)



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OPEN ITEM REPORT

File No. 1115File Revision No. 0

1. Date reported to PG&E and TES 2/16/83
2. Scheduled for RLCA (Originator) Semimonthly Report No. March
3. Responsive to PG&E Technical Program: Task _____ (if applicable)
4. Prepared as a result of:
 - a. QA Audit and Review Report of _____
 - b. Field Inspection Deficiency
 - c. Independent Calculation Deficiency
 - d. Seismic Input Deficiency
 - e. Design Methodology Deficiency
 - f. Other Deficiency

5. Structure(s), system(s) or component(s) involved:

Phase I Independent Calculations - Pipe Supports

6. Description of Concern:

The PGandE Phase I Report provides for a complete review of all design class I large bore pipe supports. by the DCP.

7. Significance of Concern:

Comparison of IDVP independent calculations to superseded DCP work will not provide meaningful results.

8. Recommendation:

This item combines with EOI 1098 as an Error Class A or B. The IDVP will review the DCP current activities as detailed in ITR #8 Rev. 0.

9. Signature: Edward Demiso 2/16/83 (Originator/Organization)



OPEN ITEM REPORT

File No. 1114

File Revision No. 0

1. Date reported to PG&E and TES 2/15/83
2. Scheduled for RLCA (Originator) Semimonthly Report No. March
3. Responsive to PG&E Technical Program: Task _____ (if applicable)
4. Prepared as a result of:
 - a. QA Audit and Review Report of _____
 - b. Field Inspection Deficiency
 - c. Independent Calculation Deficiency
 - d. Seismic Input Deficiency
 - e. Design Methodology Deficiency
 - f. Other Deficiency
5. Structure(s), system(s) or component(s) involved:

Auxiliary Saltwater Pump

6. Description of Concern:

The design analysis for the auxiliary saltwater pump does not consider the virtual mass contribution of the water surrounding on the submerged pump casing.

7. Significance of Concern:

The verification analysis considered the virtual water mass contribution and found all stresses to be below the allowable.

8. Recommendation:

Error Class C.

9. Signature: Edward Derison 2/15/83 (Originator/Organization)

