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 50-362 San Onofre Nuclear Station, Unit 3, Southern California 05000362  
 AUTH. NAME: AUTHOR AFFILIATION  
 DIEITCH, R. Southern California Edison Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director  
 EISENHUT, D. G. Division of Licensing

SUBJECT: Forwards Potential Funding Repts 2408-PFR-0010 re safety injection tank T-008 & 2408-PFR-0011 on LPSI pump P-016 & support structure for seismic design verification.

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*[Handwritten signature]*

*Southern California Edison Company*

**SCE**

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ROBERT DIETCH

VICE PRESIDENT

TELEPHONE

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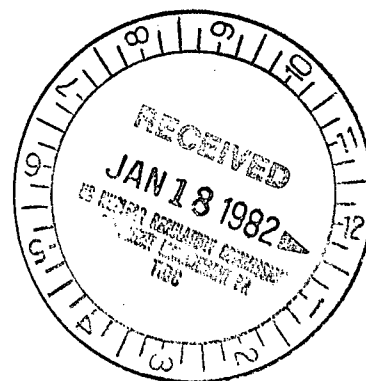
January 15, 1982

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. Darrell G. Eisenhut

Dear Mr. Denton:

Subject: Docket Nos. 50-361 and 50-362  
San Onofre Nuclear Generating Station  
Units 2 and 3



Enclosed are seven copies each of Potential Finding Reports Nos. 0010 and 0011 issued to Combustion Engineering by General Atomic Company. These reports reflect the reviewer's initial opinion and have not been verified for validity and accuracy by the original design organization.

If you have any questions regarding this matter, please call me.

Very truly yours,

*Robert Dietch*

cc: NRC Region V  
R. H. Engelken (with enclosure)

*Boo!*  
*1/1*

8201190230 820115  
PDR ADOCK 05000361  
A PDR





**TORREY PINES TECHNOLOGY**

P.O. Box 81608  
San Diego, California 92138  
Telephone: (714) 455-2654

**RECEIVED**

**JAN 15 1982**

**D. J. FOGARTY**

GEORGE L. WESSMAN  
Director

January 14, 1982

Mr. D. J. Fogarty  
Executive Vice President  
Southern California Edison  
P. O. Box 800  
Rosemead, California 91770

Dear Mr. Fogarty:

Attached are Potential Finding Reports 2408-PFR-0010 and  
2408-PFR-0011.

Sincerely,

George L. Wessman  
Project Manager

Enclosures

cc: V. Hall -CE  
J. Adrian - SCE

POTENTIAL FINDING REPORT  
SONGS 2&3 SEISMIC DESIGN VERIFICATION

2408-PFR-0010  
PFR NO. \_\_\_\_\_  
REVISION \_\_\_\_\_

A. PREPARATION BY GA INITIATOR

AFFECTED ITEMS: Safety Injection Tank T-008 (SONGS UNIT 2)

REQUIREMENT REFERENCE DOCUMENTS:

1. Evaluation of revised nozzle loads on the Safety Injection Tanks, C-E Calculation #S-PAC-010, 6/24/81.
2. Bechtel letter No. BC-1617 dated May 4, 1981.

BASIC REQUIREMENT: The scope of Ref. 1 includes the design of nozzles on S.I. Tanks for both Units 2 and 3. The Ref. 2 letter states that the attached nozzle load tables are for safety injection tanks in Unit 2. The nozzle load table for Tank 007 is marked applicable to Unit 2 while load tables for Tanks 008, 009, 010 are marked as applicable to both Unit 2 and 3. The validity of nozzle loads used by C-E for Tank 007 in Unit 3 are in question.

DESCRIPTION OF POTENTIAL FINDING:

PREPARED BY: M. Krishnan DATE: 1-13-82  
REJECTION OF GA TASK LEADER COMMENTS BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
REJECTION OF ORIGINAL DESIGN ORG. COMMENTS BY: \_\_\_\_\_ DATE: \_\_\_\_\_

B. REVIEW BY GA TASK LEADER

COMMENTS

☒ AGREE PF IS VALID

BY [Signature]

DATE 1/12/82

☐ REQUEST RE-REVIEW

BY \_\_\_\_\_

DATE \_\_\_\_\_

☐ DISAGREE

BY \_\_\_\_\_

DATE \_\_\_\_\_

☐ REVIEW OF ORIGINAL DESIGN ORGS. COMMENTS BY: \_\_\_\_\_

DATE: \_\_\_\_\_

C. REVIEW BY ORIGINAL DESIGN ORGANIZATION

COMMENTS

☐ AGREE PF IS VALID☐ DISAGREE

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

D. RECOMMENDATION BY FINDINGS REVIEW COMMITTEE

DEFINITION ADEQUACY:

☐ ADEQUATE☐ INADEQUATE

VALIDITY:

☐ VALID☐ INVALID

10 CFR 21:

☐ NOT APPLICABLE☐ APPLICABLE

10 CRF 50.55(e):

☐ NOT APPLICABLE☐ APPLICABLE

CLASSIFICATION:

☐ OBSERVATION☐ FINDINGJUSTIFICATION:

CLASSIFICATION CRITERION NO. RESULTING IN "FINDING" \_\_\_\_\_

COMMENT ON "OBSERVATION" CLASSIFICATION \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

E. TPT PROJECT MANAGER☐ ACCEPT☐ REJECT

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

POTENTIAL FINDING REPORT  
SONGS 2&3 SEISMIC DESIGN VERIFICATION

2408-PFR-0011  
PFR NO. \_\_\_\_\_  
REVISION \_\_\_\_\_

A. PREPARATION BY GA INITIATOR

AFFECTED ITEMS: LPSI Pump P-016 and Support Structure

REQUIREMENT REFERENCE DOCUMENTS: San Onofre 2 & 3 FSAR, Fig. 3.7A-95, DBE Vertical Acceleration Response Spectra at Elev. -]5'-6" of Safety Equipment Building (Safety Injection Area).

BASIC REQUIREMENT: Building response spectra curves indicate vertical acceleration value of approximately 1.2g at 33 to 40 cps with 5% damping.

DESCRIPTION OF POTENTIAL FINDING: Vertical acceleration specified by C.E. and used in pump vendor (Ingersoll-Rand Co.) static analysis is 1.0g (Ref. C.E. Spec 1370-PE-410, Rev. 07, and I-R Analysis Report EAS-TR-7625V) which is less than the FSAR criteria.

PREPARED BY: J. D. Stanley

DATE: 1/13/82

REJECTION OF GA TASK LEADER COMMENTS BY: \_\_\_\_\_

DATE: \_\_\_\_\_

REJECTION OF ORIGINAL DESIGN ORG. COMMENTS BY: \_\_\_\_\_

DATE: \_\_\_\_\_

B. REVIEW BY GA TASK LEADER

COMMENTS

☐ AGREE PF IS VALID

BY Boyd

DATE 1/14/82

☐ REQUEST RE-REVIEW

BY \_\_\_\_\_

DATE \_\_\_\_\_

☐ DISAGREE

BY \_\_\_\_\_

DATE \_\_\_\_\_

☐ REVIEW OF ORIGINAL DESIGN ORGS. COMMENTS BY: \_\_\_\_\_

DATE: \_\_\_\_\_

C. REVIEW BY ORIGINAL DESIGN ORGANIZATION

## COMMENTS

☐ AGREE PF IS VALID☐ DISAGREE

BY: \_\_\_\_\_ DATE: \_\_\_\_\_

D. RECOMMENDATION BY FINDINGS REVIEW COMMITTEE

DEFINITION ADEQUACY:

☐ ADEQUATE☐ INADEQUATE

VALIDITY:

☐ VALID☐ INVALID

10 CFR 21:

☐ NOT APPLICABLE☐ APPLICABLE

10 CRF 50.55(e):

☐ NOT APPLICABLE☐ APPLICABLE

CLASSIFICATION:

☐ OBSERVATION☐ FINDINGJUSTIFICATION:

CLASSIFICATION CRITERION NO. RESULTING IN "FINDING" \_\_\_\_\_

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E. TPT PROJECT MANAGER☐ ACCEPT☐ REJECT

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