309/05/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-275/323

REC: NRC
NRC

ORG: CRANE P A
PACIFIC GAS & ELEC

DOCDATE: 09/20/78
DATE RCVD: 09/22/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED
LTR 1 ENCL 0

SUBJECT:
FURNISHING LIST OF MATERIAL SUPPLIED TO STAFF WHICH CONSISTED OF APPLICANT"S RESPONSES TO OUTSTANDING ISSUES AT THE TIME THE SAFETY EVALUATION REPT, SUPPLEMENT NO 7, WAS ISSUED.

PLANT NAME: DIABLO CANYON - UNIT 1
DIABLO CANYON - UNIT 2

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL: FSM

********** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS **********

NOTES:
J HANCHETT W/1 CY ALL MATERIAL
F HEBDON W/1 CY ALL SAFETY MATERIAL

PSAR/FSAR AMDTS AND RELATED CORESPONDENCE
(DISTRIBUTION CODE B001)

FOR ACTION:
ASST DIR VASSALLO**LTR ONLY(1)
PROJ MGR ALLISON**LTR ONLY(1)
BR CHIEF LWR#1 BC**LTR ONLY(1)
LIC ASST LWR#1 LA**LTR ONLY(1)

INTERNAL:
REG FILE**LTR ONLY(1)
I & E**LTR ONLY(2)
OPERATOR LIC BR**LTR ONLY(1)
QAB**LTR ONLY(1)
MIPC**LTR ONLY(1)
MECH ENG BR**LTR ONLY(1)
MATERIAL ENG BR**LTR ONLY(2)
REACTOR SYSTEMS BR**LTR ONLY(1)
CORE PERFORMANCE BR**LTR ONLY(1
AUXILIARY SYS BR**LTR ONLY(1)
I & C SYSTEMS BR**LTR ONLY(1)
AD FOR SITE TECH**LTR ONLY(5)
ACCIDENT ANALYSIS**LTR ONLY(1)
RAD ASSESSMENT BR**LTR ONLY(1)
GEOSCIENCES BR**LTR ONLY(1)
NRC PDR**LTR ONLY(1)
OELD**LTR ONLY(1)
EMERGENCY PLAN BR**LTR ONLY(1)
DIRECTOR NRR**LTR ONLY(1)
AD FOR ENG**LTR ONLY(1)
STRUCTURAL ENG BR**LTR ONLY(1)
AD FOR REAC SFTY**LTR ONLY(1)
ANALYSIS BR**LTR ONLY(1)
AD FOR PLANT SYSTEMS**LTR ONLY(
CONTAINMENT SYSTEMS**LTR ONLY(1
POWER SYS BR**LTR ONLY(1)
AD FOR SITE ANLYS**LTR ONLY(1)
EFFLUENT TREAT SYS**LTR ONLY(1)
KIRKWOOD**LTR ONLY(1)

EXTERNAL:
LPDR'S
SAN LUIS OBISPO, CA**LTR ONLY(1)
TERA**LTR ONLY(1)
NSIC**LTR ONLY(1)
ACRS CAT A**LTR ONLY(16)

DISTRIBUTION: LTR 58 ENCL 0
SIZE: 3P

CONTROL NBR: 780860146

********** THE END **********

PACIFIC GAS AND ELECTRIC COMPANY

PG&E 77 BEALE STREET, 31ST FLOOR • SAN FRANCISCO, CALIFORNIA 94106 • (415) 781-4211

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ATTORNEYS

September 20, 1978

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-OL
Docket No. 50-323-OL
Diablo Canyon Units 1 & 2

Dear Mr. Stolz:

Our letters of June 30, 1978 and July 6, 1978 provided PGandE responses to all issues considered by the NRC Staff to be still outstanding at the time that the Safety Evaluation Report (SER), Supplement No. 7, was issued. Some of our responses stated that more information substantiating our conclusions would be provided soon, or that the FSAR would be amended. The promised drafts and audit-related material listed below have been sent directly to Mr. Dennis Allison to (a) assure that the material is available to Staff reviewers, and (b) to provide copies for the public document rooms. The purpose of this letter is to list the material supplied to the Staff and to show the subjects addressed.

PGandE met with Staff reviewers during the weeks of July 31 and August 7, 1978 to discuss this material and assure that the responses to SER Supplement 7 were satisfactory. Detailed data, calculations and test reports (upon which we based our conclusions relative to the items below) were also reviewed with the Staff at these meetings. Material furnished included drafts of Amendment 66 to the Hosgri Report and Amendment 67 to the FSAR, and information relative to the following items of SER Supplement 7:

1. Item (1) Section 2.4, sent August 25, 1978 (seiche).

2. Item (1) Section 2.5.3, sent August 2, 1978 (properties of rock; firewater tank hose connections, and auxiliary firewater information included in Amendment 66).

3. Item (2) Section 3.8.5.4.1 subitem (1), sent August 25, 1978 (overturning).

B001 S 1/0

4. Item (2) Section 3.8.5.4.1 subitem (5), sent August 17, 1978 (calculations).

5. Item (2) Section 3.8.5.4.2 subitem (1), sent July 27 and August 25, 1978 (equivalent stiffness).

6. Item (2) Section 3.8.5.4.2 subitem (3), sent August 25, 1978 (shear and bending moments).

7. Item (2) Section 3.8.5.4.3 subitem (1), sent July 27, 1978 (torsional effects in roof).

8. Item (2) Section 3.8.5.4.4 subitem (1), sent July 27, 1978 (dynamic earth pressure calculations).

9. Item (2) Section 3.8.5.4.4 subitem (2), sent August 2, 1978 and August 25, 1978 (pier ductility).

10. Item (2) Section 3.8.5.4.4 subitem (3), sent July 27, 1978 and August 25, 1978 (foundation mat analysis).

11. Item (2) Section 3.8.5.4.4 subitem (4), sent July 27, 1978 and August 4, 1978 (stability analysis).

12. Item (2) Section 3.8.5.4.5 subitem (5A), sent August 2, 1978 (pedestal gap).

13. Item (2) Section 3.8.5.4.5 subitem (10) sent July 27, 1978 (time history).

14. Item 3.9.3.9 (3) subitem (3); new input delivered during July 31-August 11, 1978 meetings; further input sent August 25, 1978 (RG 1.92 method).

15. Item 3.9.3.9 (3) subitem (5), delivered during July 31-August 11, 1978 meetings (support capacities for RCS branch piping).

16. Item 3.9.3.9 (3) subitems (6) and (7), delivered during July 31-August 11, 1978 meetings (actual support stiffness, seismic anchor movements, and closely spaced modes).

17. Item 3.9.3.9 (3) subitem (8), delivered during the July 31-August 11, 1978 meetings (upgrading Design Class 2 piping).

18. Item 3.9.3.9 (3) subitem (9), delivered during the July 31-August 11, 1978 meetings (snubber report).

19. Item 3.9.3.9 (3) subitem (10), delivered during the July 31-August 11, 1978 meetings (requalification by testing).

20. Item 3.9.3.9 (3) subitem (11); delivered during the July 31-August 11, 1978 meetings (in-situ testing program).

21. Item 3.9.3.9 (3) subitem (12), delivered during the July 31-August 11, 1978 meetings (14" gate valve).

22. Item 3.9.3.9 (3) subitem (15); delivered during the July 31-August 11, 1978 meetings (active valves operating during a seismic event).

23. Item 3.9.3.9 (3) subitem (16); delivered during the July 31-August 11, 1978 meetings (Tables 7-5 through 7-8 of Hosgri Report, included in Amendment 66).

24. Item 3.9.3.9 (3) subitem (17); delivered during the July 31-August 11, 1978 meetings (nozzle loading).

25. Item 3.10.6 (4) subitems (1), (2), (3), and (6); delivered during the July 31-August 11, 1978 meetings (Class 1E electrical equipment seismic qualification).

26. Item 6.3 (5); delivered during July 31-August 11, 1978 meetings (reactor core coolability with combined loads).

27. Item 7.8 (6) subitems (2), (3), and (5)(d); back-up information sent August 9, 1978 and August 29, 1978 and delivered during July 31-August 11, 1978 meetings (Class 1E electrical equipment environmental qualification).

Very truly yours,

Philip A. Crane, Jr.

CC: Service List