

D 4/13/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-275/23

REC: ENGELKEN R H
NRC

ORG: WORTHINGTON J D
PACIFIC GAS & ELEC

DOC DATE: 04/03/78
DATE RCVD: 04/12/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 0

FURNISHING CONSTRUCTION DEFICIENCY REPT CONCERNING SOME OF UNIT 2 NEMA SIZE 2
MOTOR CONTROLLERS FOR NUC SAFETY-RELATED EQUIPMENT IN THE 480 VOLT SYSTEM BUS
SECTIONS F, G, & H MAY NOT MEET THE CURRENT SEISMIC CRITERIA.

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

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL:

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

NOTES:

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

CONSTRUCTION DEFICIENCY REPORT (10CFR50.55(E).
(DISTRIBUTION CODE B004)

FOR ACTION: ASST DIR VASSALLO**LTR ONLY(1) BR CHIEF STOLZ**LTR ONLY(1)
PROJ MGR ALLISON**LTR ONLY(1) LIC ASST HYLTON**LTR ONLY(1)

INTERNAL: REG FILE**LTR ONLY(1) NRC PDR**LTR ONLY(1)
I & E**LTR ONLY(2) OELD**LTR ONLY(1)
GOSSICK & STAFF**LTR ONLY(1) MIPC**LTR ONLY(1)
BOYD**LTR ONLY(1) DEYOUNG**LTR ONLY(1)
HELTEMES**LTR ONLY(1) R. MATTSON**LTR ONLY(1)
KNIGHT**LTR ONLY(1) ROSS**LTR ONLY(1)
TEDESCO**LTR ONLY(1) EISENHUT**LTR ONLY(1)
STANDARDS DEV.**LTR ONLY(1) K SEYFRIT/IE**LTR ONLY(1)

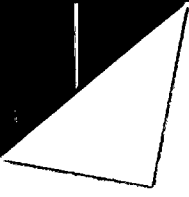
EXTERNAL: LPDR'S
SAN LUIS OBISPO, CA**LTR ONLY(1)
TIC**LTR ONLY(1)
NSIC**LTR ONLY(1)
FERD DREHER/IE**LTR ONLY(1)
ACRS CAT A**LTR ONLY(16)

DISTRIBUTION: LTR 41 ENCL 0
SIZE: 2P

CONTROL NBR: 781030011

MA-1
60

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



1941

1942

1943

1944

1945

PACIFIC GAS AND ELECTRIC COMPANY

+ 77 BEALE STREET • SAN FRANCISCO, CALIFORNIA 94106 •

J. DEAN WORTHINGTON
EXECUTIVE VICE PRESIDENT

REGULATORY DOCKET FILE COPY

April 3, 1978

REGISTRATION
SERVICES UNIT
1978 APR 12 PM 5 12
REGISTRATION
SERVICES UNIT

Mr. R. H. Engelken, Director
Office of Inspection and Enforcement
Region V
U. S. Nuclear Regulatory Commission
1990 North California Boulevard
Walnut Creek Plaza, Suite 202
Walnut Creek, California 94596

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

Dear Mr. Engelken:

Pursuant to the requirements set forth in Title 10 of the Code of Federal Regulations Part 21.21, Pacific Gas and Electric Company is hereby providing information that there is a reasonable indication that a type of equipment component contains a defect reportable under this Part. This information was reported by Mr. R. P. Wischow by telephone to Mr. George Spencer, Chief Reactor Construction and Engineering Support Branch, and Mr. L. E. Vorderbrueggen, Reactor Inspector, Region V, on March 31, 1978 at 1400 hours.

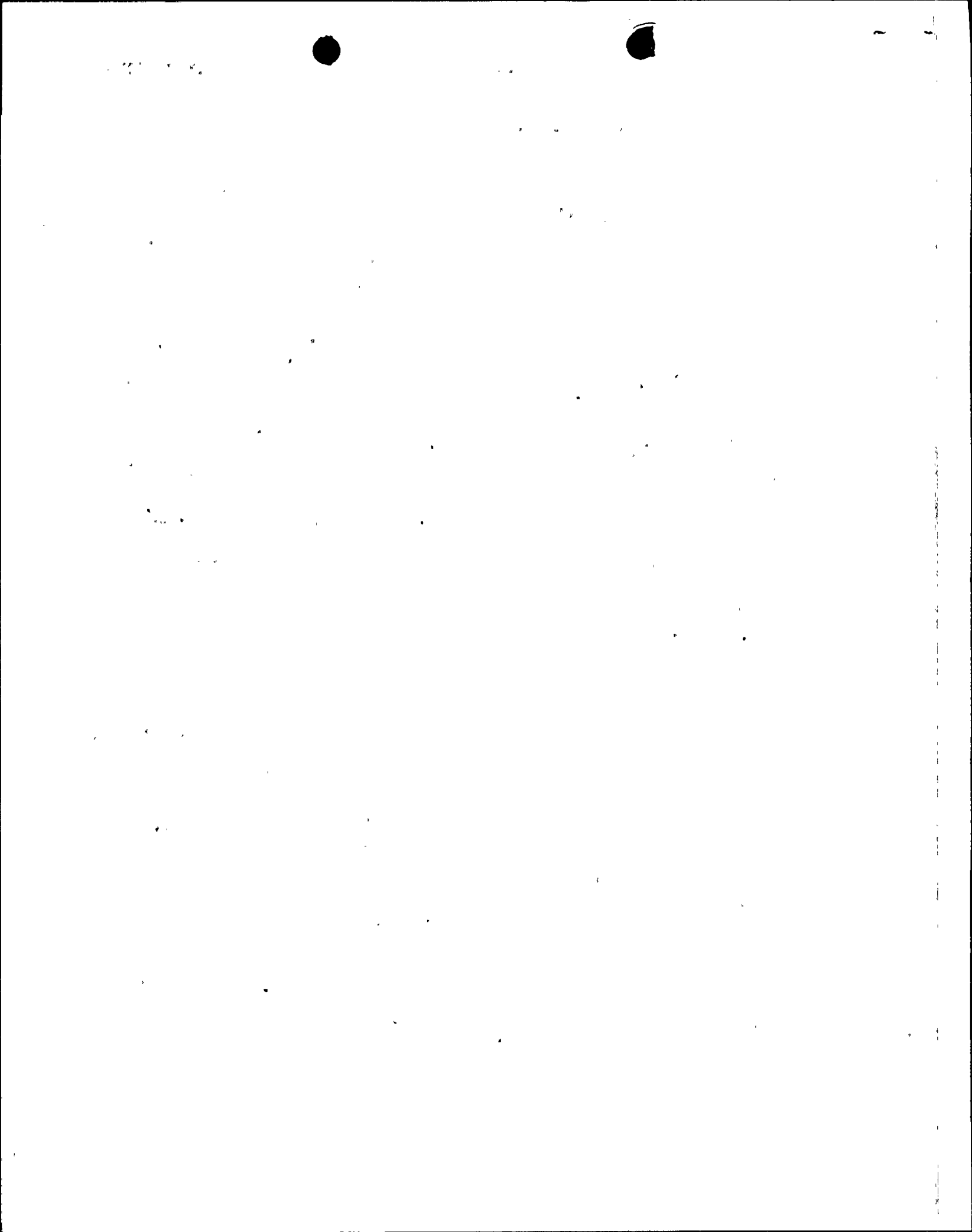
The information concerning this defect to the extent known at this time is as follows:

1. During the current seismic qualifications testing program at the Diablo Canyon Units 1 and 2, a suspected problem was identified in that some of the Unit 2 NEMA Size 2 motor controllers for nuclear safety-related equipment in the 480 volt system Bus Sections F, G, and H may not meet the current seismic criteria. Upon further examination and evaluation of these motor controllers, provided by the General Controls Division of the Westinghouse Electric Corporation, it was determined that the kickout springs for the NEMA Size 2 motor controllers supplied for Unit 2 had different characteristics than those supplied for Unit 1. The Renewal Parts Data literature for these motor controllers for both Unit 1 and Unit 2 furnished by this supplier referenced identical part numbers and therefore the springs should have had the same characteristics. These springs are an integral part of the motor controllers and have a direct effect on the overall seismic capability of the equipment.

DIABLO DISTRIBUTION

781030011

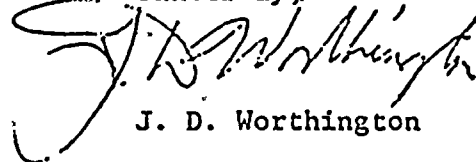
Book
5/10



2. About six NEMA Size 2 controllers are affected in each Unit for a total of about 12 such controllers. In addition, the NEMA Size 1 controllers may also be involved with a similar problem; this question is being examined and there is no further information available at this time.
3. This potential problem was identified for further evaluation by the PGandE Engineering Department in Nonconformance Report No. DCO-78-EN-005 dated March 24, 1978. The Nonconformance Technical Review Group met to review this potential problem on March 29, 1978. The potential problem was referred to the General Office Review Group who met and determined on March 30, 1978 at 1630 hours that this potential problem was reportable under 10CFR21. An oral report concerning this reportable item was made to the U. S. Nuclear Regulatory Commission, Region V, on March 31, 1978 at 1400 hours.
4. The corrective action includes examination of the 12 NEMA Size 2 motor controllers in Units 1 and 2. Those springs that do not meet the original specifications for Unit 1 will be replaced. Furthermore, the safety-related NEMA Size 1 motor controllers in the same bus sections will be examined and, if the springs are found to be unacceptable, replacement springs will be installed. Westinghouse will be asked by the Company to determine whether there were any similar modifications to the springs in other motor controllers for the 480 volt system Bus Sections F, G, and H. These actions will be completed by the Company and/or Westinghouse by September 1, 1978.
5. The Westinghouse Corporation representatives, Mr. R. Salvatori and W. Gangloff, were notified of this problem on March 31, 1978 at 1230 hours by Mr. J. O. Schuyler, PGandE Nuclear Projects Engineer.

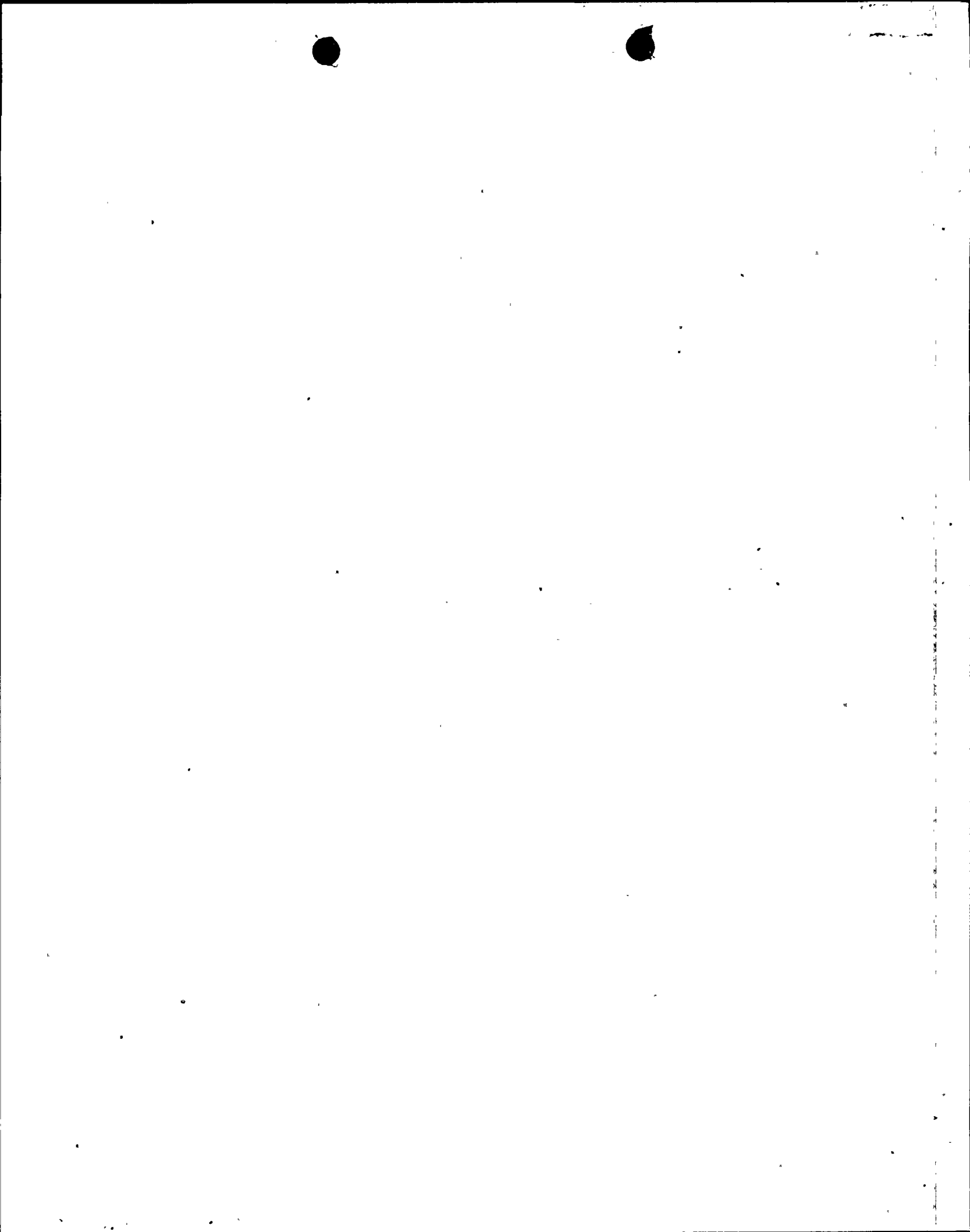
This information constitutes full disclosure of this problem pursuant to 10CFR21.

Sincerely,



J. D. Worthington

cc: Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555
(3 copies)



B001
PAGE 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM

DOCKET NBR: 50-275/323 DIABLO CANYON 1/2
RECIPIENT: STOLZ, J.F.
ORIGINATOR: CRANE, P.A.
COMPANY NAME: PACIFIC GAS & ELEC CO
SUBJECT:

DOC DATE: 781127
ACCESSION NBR: 7812050155
COPIES RECEIVED:
LTR 1 ENCL 1
SIZE: 12

Forwards addl info to address Section 7.8, open item 3, of SER suppl 7, re environ
qual of Fan Cooler Pwr Cables. Attachment #1 on Specs, Tests, & Installation of
Wires & Cables at subj facil is not encl.

NOTARIZED _____

DISTRIBUTION CODE: B001
DISTRIBUTION TITLE:
PSAP/FSAR AMDTs AND RELATED CORRESPONDENCE

NAME	ENCL?	FOR ACTION	
ASST DIR	LTR ONLY	• <u>VASSALLO</u>	MOORE
BR CHIEF	LTR ONLY	• <u>LWR#1 BC</u>	EPB#1 BC
PROJ MGR	W/ENCL	• <u>D ALLISON</u>	J JACKSON
LIC ASST	LTR ONLY	• <u>LWR#1 LA</u>	EPB#1 LA
REG. FILE	W/ENCL		
NRC PDR	W/ENCL		
I & E	W/2 ENCL		
OELD	LTR ONLY		
OPERATOR LIC BR	W/ENCL		
EMERGENCY PLAN BR	W/ENCL		
GAS	W/ENCL		
DIRECTOR NRP	LTR ONLY		
MIPC	LTR ONLY		
AD FOR ENG	LTR ONLY		
MECH ENG BR	W/ENCL		
STRUCTURAL ENG BR	W/ENCL		
MATERIAL ENG BR	W/2 ENCL		
AD FOR REAC SFTY	LTR ONLY		

DEC 6 1978

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

MA 4
60

DEC 6 1930

3001
PAGE 2

REGULATORY INFORMATION DISTRIBUTION SYSTEM

DOCKET NBR: _____

DOC DATE: _____

RECIPIENT: _____

ACCESSION NBR: _____

ORIGINATOR: _____

COPIES RECEIVED: _____

LTR _____ ENCL _____

SUBJECT: _____

SIZE: _____

FOR ACTION

- REACTOR SYSTEMS BR W/ENCL
- ANALYSIS BR W/ENCL
- CORE PERFORMANCE BR W/ENCL
- AD FOR PLANT SYSTEMS LTR ONLY
- AUXILIARY SYS BR W/ENCL
- CONTAINMENT SYSTEMS W/ENCL
- I & C SYSTEMS BR W/ENCL
- POWER SYS BR W/ENCL
- AD FOR SITE TECH W/S ENCL
- AD FOR SITE ANALYS LTR ONLY
- ACCIDENT ANALYSIS W/ENCL
- EFFLUENT TREAT SYS W/ENCL
- RAD ASSESSMENT BR W/ENCL
- KIRKWOOD W/ENCL
- GEOSCIENCES BR W/ENCL
- LPOP W/ENCL
- TERA W/ENCL
- NSIC W/ENCL
- ACRS W/16 ENCL

TOTAL NUMBER OF COPIES REQUIRED:

LTR	58
ENCL	48

NOTES:



Small, faint, illegible markings or artifacts located at the bottom right of the page.