

D 4/13/78

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

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  
SUBJECT:

COPIES RECEIVED  
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)

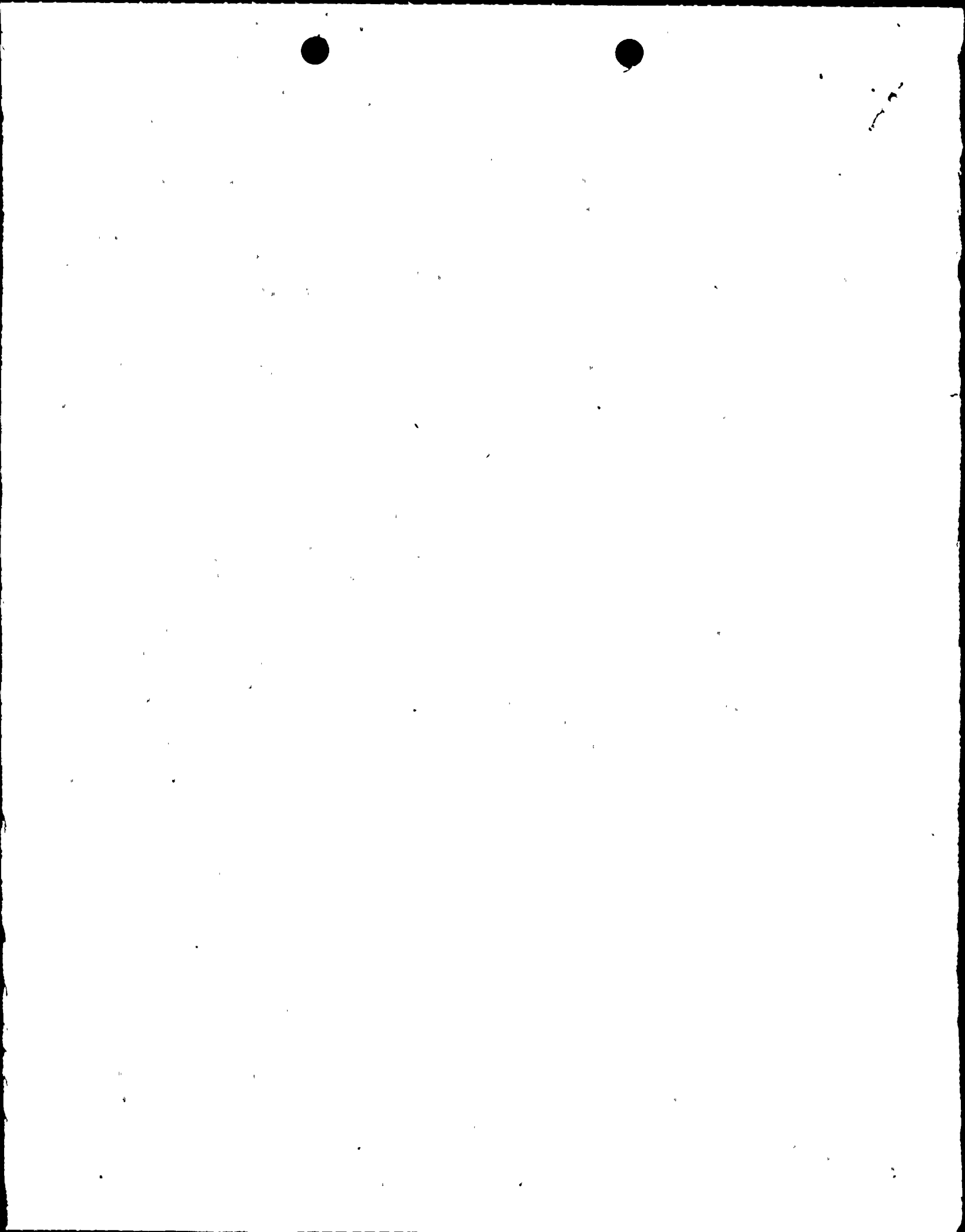
EXTERNAL: LPDR'S  
SAN LUIS OBISPO, CA\*\*LTR ONLY(1)  
TIC\*\*LTR ONLY(1)  
NSIC\*\*LTR ONLY(1)  
FERD DREHER/IE\*\*LTR ONLY(1)  
ACRS CAT A\*\*LTR ONLY(16)

DISTRIBUTION: LTR 41 ENCL 0  
SIZE: 2P

CONTROL NBR: 781030011

\*\*\*\*\* THE END \*\*\*\*\*

*amy*



PACIFIC GAS AND ELECTRIC COMPANY

+ 77 BEALE STREET, SAN FRANCISCO, CALIFORNIA 94108

REGULATORY DOCKET FILE COPY

J. DEAN WORTHINGTON  
EXECUTIVE VICE PRESIDENT

April 3, 1978

US NRC  
DISTRIBUTION SERVICES  
BRANCH

1978 APR 12 PM 5 12

RECEIVED DISTRIBUTION  
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.

*Book 5/10*

DIABLO DISTRIBUTION

781030011

1965  
1966  
1967

1968

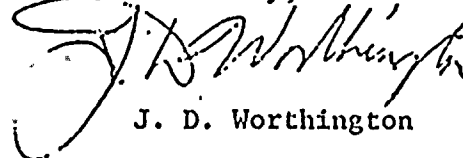
1969

April 3, 1978

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)

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