

FROM: Pacific Gas & Electric Co.
San Francisco, Calif.
Richard H. Peterson

DATE OF DOCUMENT:
6-23-69

DATE RECEIVED
6-25-69

NO.: 2033

LTR.
X

MEMO:

REPORT:

OTHER:

TO:

DRL

ORIG.:
1

CC:

OTHER:

ACTION NECESSARY ☐
NO ACTION NECESSARY ☐

CONCURRENCE ☐
COMMENT ☐

DATE ANSWERED:
BY:

CLASSIF:

U

POST OFFICE

REG. NO:

FILE CODE:

50-323

DESCRIPTION: (Must Be Unclassified)

Ltr trans the following: re our ltr
dtd 6-11-68.

(3 signed & 67 conf'd cys)

ENCLOSURES:

AMDT # 3, dtd & not. 6-23-69 submitting:

REVISED PAGES FOR PSAREPT W/Page
tabulation..... (70 cys)

CERTIFICATE OF SERVICE, dtd 6-23-69

REMARKS:

(18) cys holding for ACRS
(1) cy PDR- SAN.....(1) cy PDR LA

REFERRED TO

DATE

RECEIVED BY

DATE

Knuth 6-25-69
W/8 cys for action...(1 cy adv to Hass)

DISTRIBUTION:

~~Reg file cy~~
AEC PDR

Compliance (2)
OGC

H.Price & Staff
Dube/Levine

Boyd
Rosen

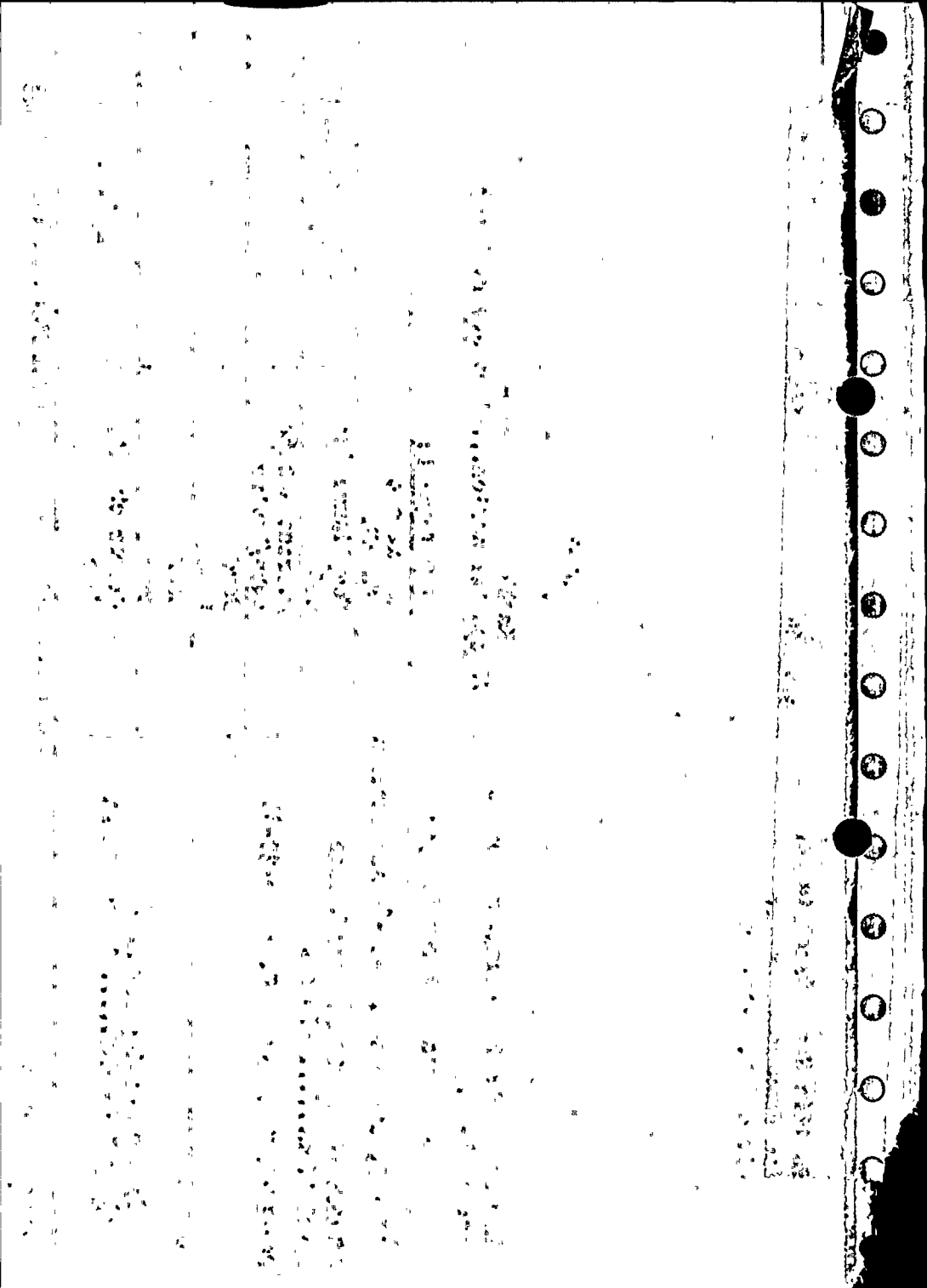
Moore
Hose

Dromerick (2)
Case

Do Not Remove

ADVISORY BOARD
JUL 1 1969

2033



PACIFIC GAS AND ELECTRIC COMPANY

PG&E + 245 MARKET STREET • SAN FRANCISCO, CALIFORNIA 94106 • (415) 781-4211

RICHARD H. PETERSON
SENIOR VICE PRESIDENT
AND GENERAL COUNSEL
FREDERICK T. SEARLS
GENERAL ATTORNEY

June 23, 1969

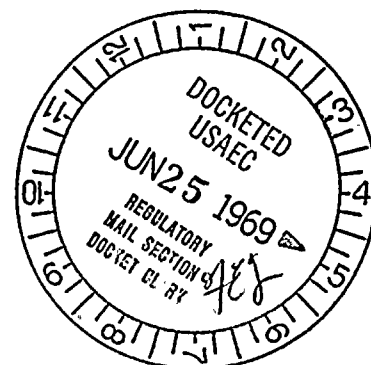
WILLIAM B. KUDER
WILLIAM E. JOHNS
MALCOLM M. FURBUSH
JOHN A. SPROUL
PHILIP A. CRANE, JR.
HENRY J. LAPLANTE
EDWARD J. McDAWNEY
JOHN B. GIBSON
ARTHUR L. HILLMAN, JR.
ROSS WOREMAN
ROBERT GILBACH
STANLEY T. SKINNER
DONALD MITCHELL
JOHN C. MORRISSEY
RICHARD A. RATTERTY
CHARLES T. VAN DEUSEN
MALCOLM A. MACKILLOP
NOEL KELLY
GILBERT L. HARRICK
JOHN E. COOPER
GLENN WEST, JR.
CHARLES W. THIRSELL
RICHARD J. KOENIGMAN
SANFORD M. BRADSHAW
JOHN C. M. LAMBERT
ATTORNEYS

AIR MAIL

U. S. Atomic Energy Commission
Washington, D. C. 20545

Attention: Director, Division of
Reactor Licensing

Re: Nuclear Unit 2
Diablo Canyon Site
Docket No. 50-323
Amendment No. 3



Gentlemen:

Regulatory

File Cy.

Enclosed are three signed and sixty-seven con-
formed copies of Amendment No. 3 to Pacific Gas and
Electric Company's above-numbered application. This
amendment contains answers to certain of the questions
propounded by the Commission in its letter dated Decem-
ber 11, 1968.

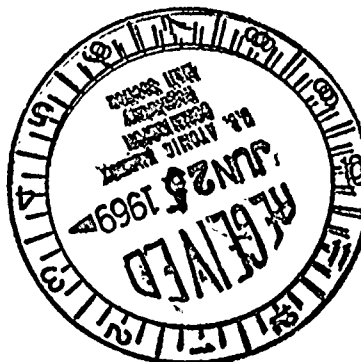
In accordance with 10 CFR 2.101(b), a copy of
this amendment is being served upon Mr. Elston L. Kidwell,
chairman of the San Luis Obispo County Board of Supervisors.
A certificate of service is enclosed.

Kindly acknowledge receipt of the above material
on the enclosed copy of this letter and return it to me in
the enclosed addressed envelope.

Very truly yours,

Richard H. Peterson

PAC:TC
Enclosures
CC: Mr. Elston L. Kidwell



2033

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION



In the Matter of)

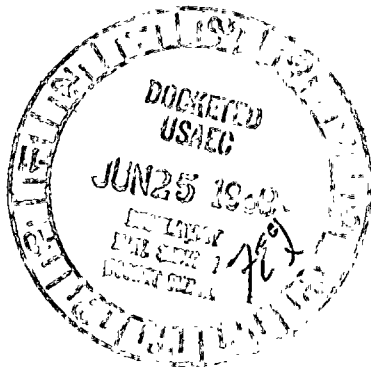
PACIFIC GAS AND ELECTRIC)
COMPANY)
(Diablo Canyon Unit 2))

Docket No. 50-323

CERTIFICATE OF SERVICE

Amendment No. 3 to the application of Pacific Gas and Electric Company for a Class 104 b. license and other applicable licenses for a second nuclear unit at its Diablo Canyon site, San Luis Obispo County, California, has been served today on the following by deposit in the United States mail, properly stamped and addressed:

Mr. Elston L. Kidwell
Chairman
San Luis Obispo County
Board of Supervisors
County Courthouse
San Luis Obispo, California 93401



Philip A. Crane, Jr.
Philip A. Crane, Jr.
Attorney for
Pacific Gas and Electric Company

Dated: June 23, 1969



UNITED STATES DEPARTMENT OF JUSTICE
OFFICE OF THE ATTORNEY GENERAL

WASHINGTON, D. C. 20530

(U.S. DEPT. OF JUSTICE)

ATTORNEY GENERAL

MEMORANDUM FOR THE ATTORNEY GENERAL
SUBJECT: [Illegible]
[Illegible text follows, appearing to be a memorandum format with a subject line and several lines of body text.]

Very truly yours,
[Illegible signature]
[Illegible title]

[Large handwritten signature]
[Illegible text below signature]

Received w/Ltr Dated 9-23-69

BEFORE THE UNITED STATES ATOMIC ENERGY COMMISSION

In the Matter of

PACIFIC GAS AND ELECTRIC COMPANY
(Diablo Canyon Unit 2)

Docket No. 50-323

Regulatory File Cy.
Amendment No. 3

Now comes PACIFIC GAS AND ELECTRIC COMPANY (the Company) and amends its above-numbered application by submitting herewith Amendment No. 3. This amendment contains answers to certain of the questions propounded by the Commission in its letter dated December 11, 1968. Answers to the remaining questions propounded by the Commission will be submitted at a later date.

Subscribed in San Francisco, California, this 23rd day of June, 1969.

Respectfully submitted,

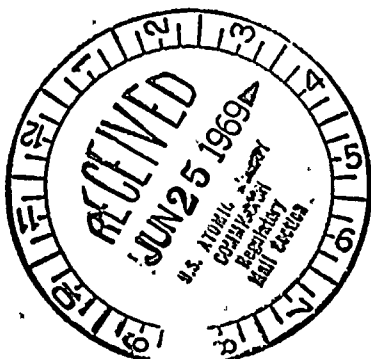
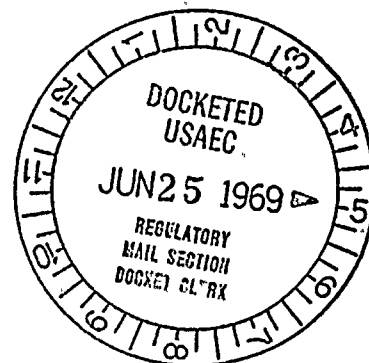
PACIFIC GAS AND ELECTRIC COMPANY

By John F. Bonner
John F. Bonner
Senior Vice President

RICHARD H. PETERSON
JOHN C. MORRISSEY
PHILIP A. CRANE, JR.
ROSS WORKMAN

Attorneys for Pacific Gas
and Electric Company

By Philip A. Crane, Jr.
Philip A. Crane, Jr.



Submitted and sworn to before me
this 23rd day of June, 1969.

Theodora Cooke
Theodora Cooke, Notary Public in
and for the City and County of
San Francisco, State of California 2033

My Commission expires January 28, 1973

The following information and check list are furnished as a guide for the insertion of new sheets for Amendment 3 into the Preliminary Safety Analysis Report for Nuclear Unit 2 - Diablo Canyon Site.

The new sheets contain both amended and supplementary material. This material is denoted by a vertical bar with the figure "3" inscribed in the margin of the page adjacent to the information. Where such marks appear adjacent to blank portions of a page, a deletion is indicated. Editorial corrections are not marked.

Since the PSAR is printed on both sides of sheets of loose leaf paper, the front or back of an Amendment 3 sheet may contain information that is merely reprinted, rather than changed. Such pages are identified by an asterisk (*) in the listing below. Figures are generally printed on one side only.

The old sheets should be discarded and new ones inserted, as listed below:

Discard Old Sheet (Front/Back)	Insert New Sheet (Front/Back)	Discard Old Sheet (Front/Back)	Insert New Sheet (Front Back)
-----------------------------------	----------------------------------	-----------------------------------	----------------------------------

CHAPTER 1

Page:

1-iii/iv	1-iii/iv*	1-81/82	1-81/82
1-17/18	1-17/18*	1-83/84	1-83/84
1-73/74	1-73*/74	1-85/86	1-85/86
1-75/76	1-75/76	1-87/88	1-87/blank
1-77/78	1-77/78	1-89/90	
1-79/80	1-79/80	1-91/blank	

CHAPTER 3

Page:

3-1/2	3-1/2	3-37/38	3-37*/38
3-7/8	3-7/8*	3-81/82	3-81/82
3-21/22	3-21/22*		

Figure:

3.2.3-11	3.2.3-11
----------	----------

CHAPTER 6

Page:

6-iii/iv	6-iii/iv*	6-89/90	6-89*/90
6-81	6-81	6-91/92	6-91/92
6-85/86	6-85*/86	6-93/94	6-93/blank
	6-86a/blank		6-93a/94*
6-87/88	6-87/88*		

Figure:

6-18	6-18
------	------

Discard Old Sheet
(Front/Back)

Insert New Sheet
(Front/Back)

Discard Old Sheet
(Front/Back)

Insert New Sheet
(Front/Back)

CHAPTER 7

Page:

7-i/ii	7-1*/ii	7-45/46	7-45/46
7-iii/iv	7-iii/iv		7-46a/46b
7-v/vi	7-v*/vi		7-46c/46d
7-3/4	7-3*/4	7-47/48	7-47/48*
7-9/10	7-9/10	7-49/50	7-49/50*
7-21/22	7-21*/22	7-65/66	7-65*/66
7-23/24	7-23/24	7-67/68	7-67/67a
7-25/26	7-25*/26		7-67b/67c
	7-26a/blank		7-67d/68*
7-29/30	7-29*/30	7-69/70	7-69*/70
	7-30a/blank	7-71/72	7-71*/72
7-31/32	7-31/32	7-73/74	7-73/74
	7-32a/blank	7-75/76	7-75/76
7-35/36	7-35*/35a		7-76a/blank
	7-35b/35c	7-77/78	7-77*/78
	7-35d/35e	7-79/80	7-79*/80
	7-35f/blank		7-80a/80b
	7-35g/36	7-81/82	7-81*/82
7-37/38	7-37/68*	7-83/84	7-83/84*
7-41/42	7-41*/42	7-85/86	7-85/86*
7-43/44	7-43/44	7-91/92	7-91*/92

Figure:

7-3	7-3	7-19	7-19
7-5	7-5	7-21	7-21A 7-21B
7-10	7-10		7-22
	7-10A		7-23
7-11	7-11		7-24
7-12	7-12		7-25
7-18	7-18		

CHAPTER 9

Page:

9-v/vi	9-v*/vi		9-127b/128
9-125/126	9-125/126	9-131/132	9-131*/132
9-127/128	9-127/127a		

Figure:

	9-2A	9-8	9-8
9-4	9-4A	9-9	9-9
	9-4B	9-11	9-11
	9-4C		

CHAPTER 10

Page:

10-13/14	10-13*/14	10-23/24	10-23/24*
----------	-----------	----------	-----------

Figure:

10-1	10-1
------	------

CHAPTER 12

Page:

12-i/ii	12-i/ii	12-67/68	12-67/68
	12-ii a/blank	12-69/70	12-69/70
12-iii/iv	12-iii/iv	12-71/72	12-71/72
12-v/vi	12-v/vi	12-73/74	12-73/74
12-vii/blank	12-vii/blank	12-75/76	12-75/76
12-5/6	12-5*/6		12-76a/blank
	12-6a/blank	12-77/78	12-77/78
12-7/8	12-7/8	12-79/80	12-79/80
12-9/10	12-9/10	12-81/82	12-81/82
12-13/14	12-13*/14		12-82a/82b
12-15/16	12-15/16		12-82c/82d
12-17/18	12-17/18		12-82e/82f
	12-18a/blank		12-82g/82h
12-19/20	12-19/20		12-82i/82j
12-21/22	12-21/22		12-82k/82l
12-25/26	12-25/26*		12-82m/82n
12-27/28	12-27/blank		12-82o/blank
	12-27a/28	12-83/84	12-83/84
12-35/36	12-35/36*	12-85/86	12-85/86
12-37/38	12-37/37a	12-87/88	12-87/88
	12-37b/blank	12-89/90	12-89/90
	12-37c/38	12-91/92	12-91/91a
12-39/40	12-39*/40		12-91b/92 <i>no page 92</i>
12-41/42	12-41*/42	12-93/94	12-93*/94
12-43/44	12-43/44	12-99/100	12-99*/100
12-45/46	12-45/46*	12-101/102	12-101*/102
12-53/54	12-53/54	12-111/112	12-111/112
12-55/56	12-55/56	12-113/114	12-113*/114
12-57/58	12-57/58	12-115/116	12-115/116
	12-58a/blank	12-117/118	12-117/118
12-61/62	12 61/62*	12-119/120	12-119*/120
12-65/66	12-65/66	12-121/blank	12-121/blank

Figure:

12-13	12-13	12-26	12-26
12-14	12-14		12-27A
12-16	12-16	12-28	12-28
	12-16A	12-29	12-29
	12-16B	12-30	12-30
	12-16C	12-31	12-31
	12-16D	12-32	12-32
12-18	12-18	12-33	12-33
12-19	12-19	12-34	12-34
12-20	12-20	12-35	12-35
12-21	12-21	12-36	12-36
12-22	12-22	12-37	12-37
12-23	12-23		12-37A
12-24	12-24	12-38	12-38
12-25	12-25	12-39	12-39
	12-25A	12-40	

Discard Old Sheet
(Front/Back)

Insert New Sheet
(Front/Back)

Discard Old Sheet
(Front/Back)

Insert New Sheet
(Front/Back)

Figure:

12-41
12-42
12-43
12-44
12-45

12-46
12-47
12-48
12-49
12-51

12-49 submitted
12-51

Page:

12A-5/6
12A-7/8

12A-13/14

12B-1/2

12A-5*/6
12A-7*/8
12A-8a/blank
12A-13/14*
Fig 12A-18
12B-1*/2

12B-5/6
12B-7/8
Fig 12B-1
12C-5/Fig 12C-1

12-55
12-56
12-57
12B-5/6
12B-7/8*
Fig 12B-1
12C-5/Fig 12C-1
12E-1/2
12E-3/4

RESPONSES TO QUESTIONS

Portions of Amendment 3 are responsive to certain of the questions propounded by the Commission in its letter dated December 11, 1968. Questions answered in this amendment and the location of the answers are as follows:

Question	Answer	
	Page Reference	Figure Reference
1.3	a. 1-79	-
	b. 1-79, -80	-
	c. 1-79, -80	-
	d. 1-75, -76	-
	e. 1-80	-
	f. 1-81	-
	g. 1-78	-
	h. 1-82	-
	i. 1-81	-
	j. 1-82	-
	k. 1-76*	-
	l. 1-83	-
	m. 1-83	-
	n. **	-
	o. 1-78	-
	p. ***	-
5.3	1-24 (Amendment 2)	-
6.1	6-16 through -54 (Amendment 2)	6-1,-2,-3,-4, -4A(Amend.2)
	12-65 through -83	12-13 through 12-37A
6.3	12-82f, -82g, -82h	12-27A
6.6	Appendix 12E	-
6.7	6-91	9-11
6.8	7-37, 6-92, -93a	9-11
6.9	6-87	-
7.1	7-35a through -35g	-
7.2	7-67 through -67d	7-22,-23,-24

* No research and development program planned in the area of clad failure propagation by DNB. See discussion on page 3-56.

** No research and development program planned. See pages 12-59 through 12-61.

*** No research and development program planned. See pages 3-26 and 3-33 through 3-35.

RESPONSES TO QUESTIONS (CONT'D)

<u>Question</u>	<u>Page Reference</u>	<u>Figure Reference</u>
7.3 a. *		-
b. 7-44, -45		-
c. 7-31, -32		-
d. 7-30, -30a, 12-16		-
e. 7-30, -30a		-
f. 7-44		-
7.4	3-94, -94a, -94b, -94c, -94d, -95 (Amendment 1); 7-46, -46a, -46b, 46-c, 12-15	
7.5	7-77, -78, -79, -80, -80a, -80b	-
7.7	7-31, -32	-
7.9	7-82, -83, -84, 12-82h, -82i	7-21A; -21B, 12-34
7.10	7-91, -92	-
7.12	12-15	-
7.13	7-26, -26a	-
7.14	7-76a	-
9.3.1	9-125, -126, -127	9-11
9.7.1	9-128 through -132	-
9.8.1	9-125, -126, -127, -127a	9-11
10.3	7-30, -30a, -34, -35; 10-11 (Amendment 1)	-
11.9	7-74, 11-42 (Amendment 2)	-
12.1	7-30, -30a	-
12.2 a.	12-18, -18a	-
b.	12-18a, -19	-
c.	12-25	-
d.	12-26, -27	-
12.3	12A-8, -8a, -13	12A-18
12.4	12-16, -17	-
12.5	12-82h through -82o	-
12.7	12-6, -6a	-
12.8	12-58, -58a	-
F-1 and F-2	12-87 through -91b	12-38, -39

* No design changes are currently being considered.

