

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

DATE OF DOCUMENT:
5-28-69

DATE RECEIVED
6-2-69

NO.: 1784

LTR. MEMO: REPORT: OTHER:
X

TO: DRL

ORIG.: 1 CC: OTHER:

ACTION NECESSARY CONCURRENCE DATE ANSWERED:
NO ACTION NECESSARY COMMENT BY:

CLASSIF: U POST OFFICE REG. NO:

FILE CODE: 50-323

DESCRIPTION: (Must Be Unclassified)
Ltr trans the following re: our
ltr dtd 12-11-68 ...addtl info to
be submitted at later date:
(3 signed & 67 conf'd cys)

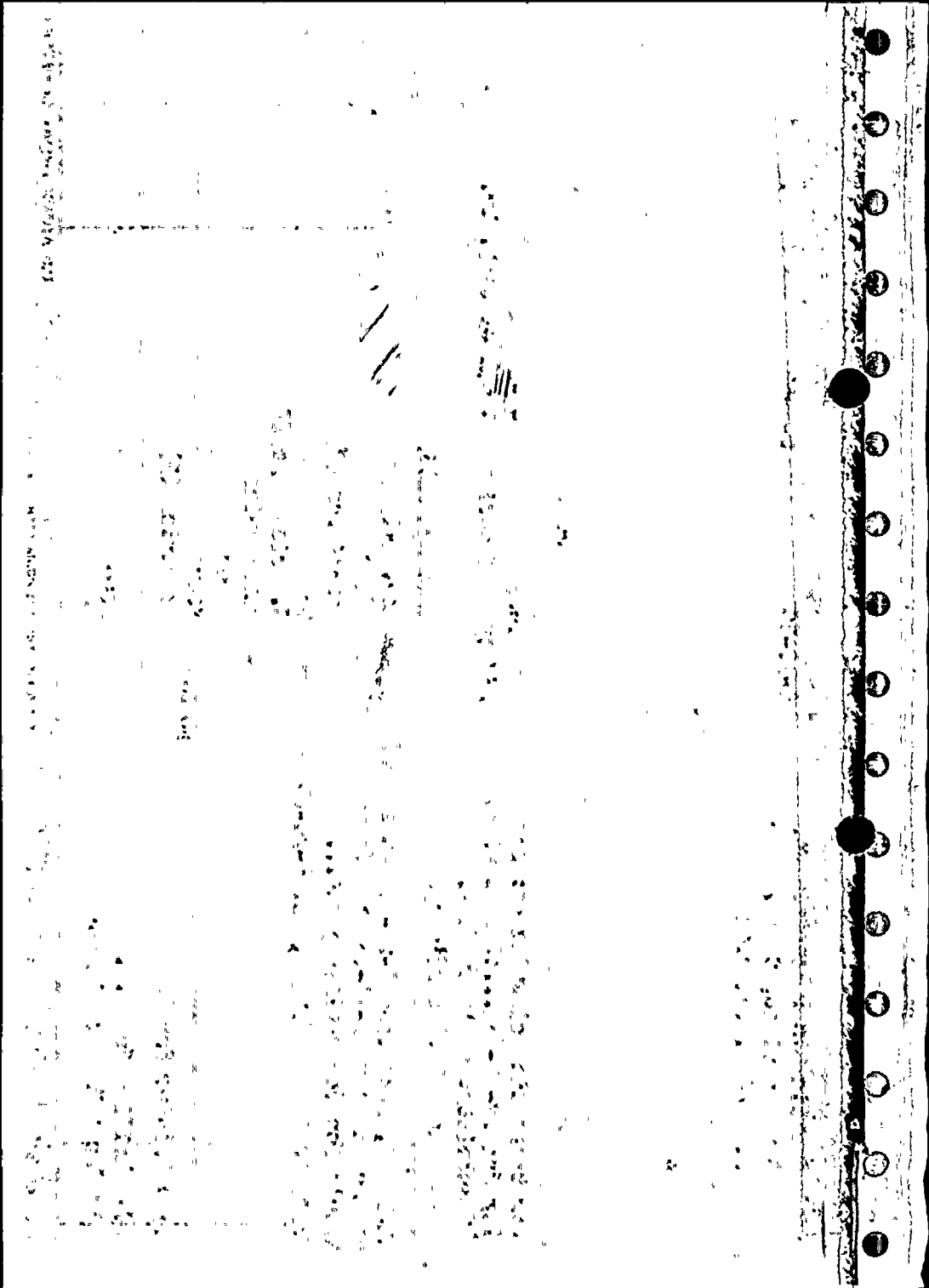
REFERRED TO	DATE	RECEIVED BY	DATE
Knuth W/8 cys for action & 4 cys of Cert. Sv.	6-2-69		

ENCLOSURES:
AMDT # 2, notarized 5-28-69 consist of
answers to our 12-11-68 ltr W/page
tabulation for revised pages...
CERTIFICATE OF SERVICE, dtd 5-28-69

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REMARKS:
(18) holding for ACRS
(8) holding for H.F.
(1) San PDR (1) LA PDR



PACIFIC GAS AND ELECTRIC COMPANY

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

May 28, 1969

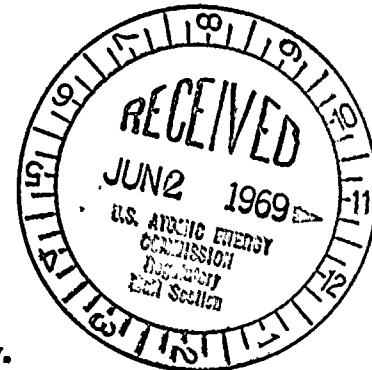
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ATTORNEYS

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. 2



Gentlemen:

Regulatory File Cy.

Enclosed are three signed and sixty-seven con-
formed copies of Amendment No. 2 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.

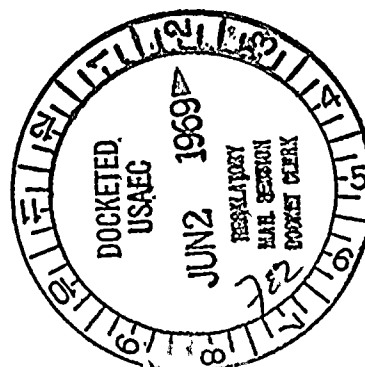
In accordance with 10 CFR 2.101(b), a copy of
this amendment is being served upon Mr. Elston L. Kidwell,
Chairman of the San Luis Obispo County Board of Supervisors.
A certificate of service is enclosed.

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

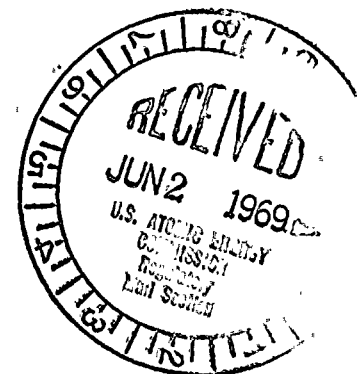




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Main body of the page containing extremely faint, illegible text or markings, possibly bleed-through from the reverse side of the paper.

UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION



In the Matter of)
)
PACIFIC GAS AND ELECTRIC)
COMPANY)
(Diablo Canyon Unit 2))
_____)

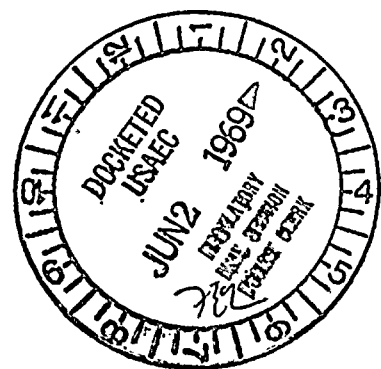
Docket No. 50-323

Regulatory File Cy.7

CERTIFICATE OF SERVICE

Amendment No. 2 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



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

Dated: May 28, 1969.

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BEFORE THE UNITED STATES ATOMIC ENERGY COMMISSION

Regulatory

File Cy

In the Matter of
PACIFIC GAS AND ELECTRIC COMPANY
(Diablo Canyon Unit 2)

Docket No. 50-323

Amendment No. 2

Now comes PACIFIC GAS AND ELECTRIC COMPANY (the Company) and amends its above-numbered application by submitting herewith Amendment No. 2. 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 28th day of May, 1969.

Respectfully submitted,

PACIFIC GAS AND ELECTRIC COMPANY

BY

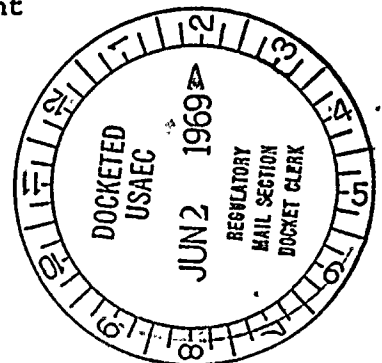
John F. Bonner
John F. Bonner
Senior Vice President

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 28th day of May, 1969.

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

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 2 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 "2" 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 2 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)
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CHAPTER 1

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1-1/2	1-1/2	1-37/38	1-37/38*
1-9/10	1-9/blank	1-39/40	1-39-39a
	1-9a/10		1-39b/40
1-13/14	1-13*/14	1-41/42	1-41/42*
1-17/18	1-17/18*	1-47/48	1-47*/48
1-19/20	1-19/20*		1-48a/blank
1-23/24	1-23/24	1-59/60	1-59*/60
1-25/26	1-25/26*		1-60a/blank

CHAPTER 2

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2-1/2	2-1*/2		2-31a/32*
2-3/4	2-3/4	2-33/34	2-33/blank
2-5/6	2-5/6*		2-33a/34*
2-7/8	2-7/8*	2-35/36	2-35*/36
2-23/24	2-23*/24	2-37/38	2-37*/38
2-25/26	2-25*/26	2-39/40	2-39/40
2-27/28	2-27/28		

Discard Old Sheet (Front/Back)	Insert New Sheet (Front/Back)	Discard Old Sheet (Front/Back)	Insert New Sheet (Front/Back)
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		6-115/blank	6-115/blank

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	6-1B		
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11-19/20	11-19/20*	11-51/52	11-51/52

Figure:

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RESPONSES TO QUESTIONS

Portions of Amendment 2 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:

<u>Question</u>	<u>Answer</u>	
	<u>Page Reference</u>	<u>Figure Reference</u>
1.1 (Criterion 1)	1-23	-
(Criterion 2)	1-25	-
(Criterion 8)	1-29, -30	-
(Criterion 21)	1-39	-
(Criterion 22)	1-39a	-
(Criterion 24)	1-39b	-
(Criterion 35)	1-48	-
(Criterion 51)	1-60, -60a	-
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2.1	2-5	-
2.2	2-2	-
2.3	2-31	-
2.5	2-31a	-
2.6	2-28	-
2.7	2-33, -33a	-
2.8	2-38, -39, -40	-
6.1*	6-16 through 6-54	6-1, -2, -3, -4, -4A
6.2	6-28, -29, 9-56	6-29
6.4	6-35	-
6.5	6-60a	-
7.6	6-8	-
7.11	6-46	6-4A
7.15	1-14	-
7.16	11-36, -38, -48, -50, -51 6-111 through -113	-
9.1.1	9-8a	-
9.1.2	9-22, 46, -47, 11-6a, -52	-
9.2.1	9-74	-
9.2.2	9-70, -72a, -77 through -82	9-4C
9.3.2	9-109	-
9.4.1	9-112 through -116a	-
9.4.2	8-22 (Amendment 1), 9-116a	-

* Referenced material provides a partial response. Additional material will be included in a subsequent submittal.

RESPONSE TO QUESTIONS (Cont'd)

<u>Question</u>	<u>Answer</u>	<u>Page Reference</u>	<u>Figure Reference</u>
9.4.3	**		-
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11.9*		11-42	-
11.10		11-42, 6-78	6-14
12.6		9-78	-
D-1		2-24	-

* Referenced material provides a partial response. Additional material will be included in a subsequent submittal.

** The hydraulic turbine generator unit for energy recovery from the circulation water discharge has been deleted from the design.