

Received w/Ltr Dated 6-2-72

PACIFIC GAS AND ELECTRIC COMPANY

77 Beale Street

San Francisco, California 94106



June 2, 1972

AIR MAILU.S. Atomic Energy Commission
Washington, D.C. 20545Attention: Mr. Donald J. Skovholt,
Assistant Director for Reactor Operations
Division of Reactor LicensingRe: Docket No. 50-133
License No. DPR-7

Gentlemen:

We submitted meteorological data for the Humboldt Bay Power Plant on March 28, 1972 in response to your letter of January 31, 1972. In discussions with members of your staff on April 12, 1972, additional information was requested as follows:

1. A review of the meteorological data previously submitted for the two-year period January 1, 1966 through December 31, 1967 shows that it is typical of the meteorology at the site. The two year data compares quite well with the data submitted in Proposed Change No. 20 dated February 18, 1966. As noted in the first paragraph of the summary of the meteorological data given in our March 28, 1972 submittal, all measurements are ten minute averages starting on the hour.
2. The heights of major on-site structures are as follows: Unit 1 and Unit 2 each have a stack at an elevation of 132 feet and a deaerator tank at 116 feet. The tops of their boiler structures are at 98 feet. The top of the Unit 3 stack is at an elevation of 262 feet. The stack has a velocity increasing nozzle which results in an exit velocity of 100 feet per second and increases the effective height of the stack (see Figure 15 in the FHSR of Humboldt Bay Power Plant Unit No. 3). The elevation of the top of the refueling building for Unit 3 is 48 feet. The site grade elevation is 12 feet.

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PDR FOIA
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3051

June 2, 1972

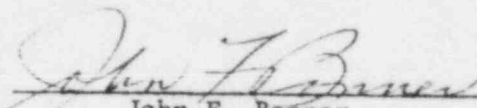
3. The contour profiles for the on-shore sectors which were requested have been plotted and are attached. The sectors are referenced to true North and the distance from the plant is measured from the Unit 3 stack.

Subscribed in San Francisco, California, this 2nd day of June, 1972.

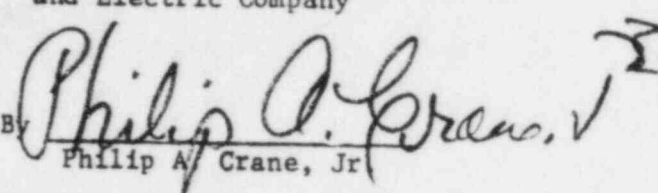
Respectfully submitted,

PACIFIC GAS AND ELECTRIC COMPANY

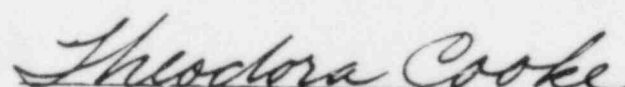
By


John F. Bonner
Executive Vice President

FREDERICK T. SEARLS
PHILIP A. CRANE, JR.
Attorneys for Pacific Gas
and Electric Company

By 
Philip A. Crane, Jr.

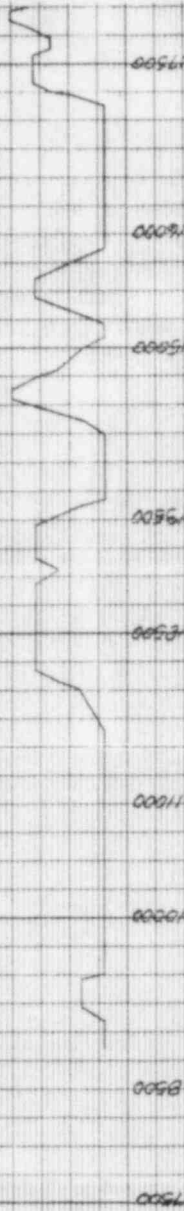
Subscribed and sworn to before me this
2nd day of ~~May~~ 1972
June


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

My Commission expires January 28, 1973

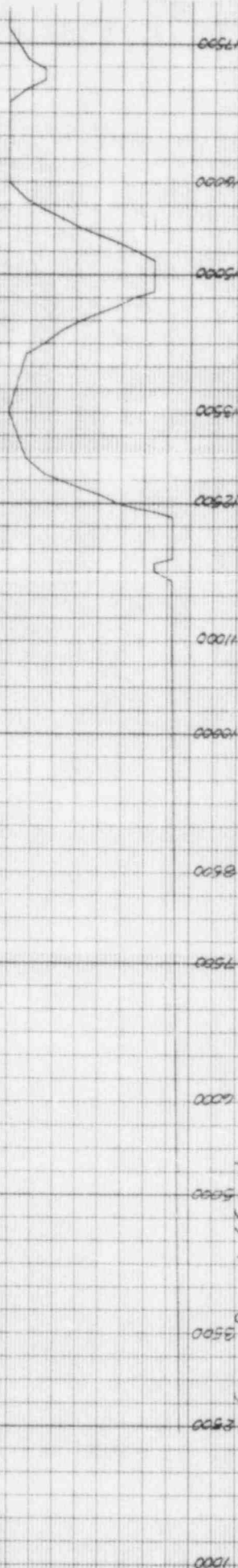
Humboldt Bay Power Plant
 Contour Profile at 45° True

Distance from Plant (feet)



Humboldt Bay Power Plant
 Contour Profile at 67.5° True

Distance from Plant (feet)



100% STANDARD MAP
 100% STANDARD MAP
 100% STANDARD MAP

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 NEW YORK

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 United States Patent 6,772,772

3051

Humboldt Bay Power Plant
 Contour Profile at 90° True

Distance from Plant (feet)

0000 0050 0100 0150 0200 0250 0300 0350 0400 0450 0500 0550 0600 0650 0700 0750 0800 0850 0900 0950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900 1950 2000 2050 2100 2150 2200 2250 2300 2350 2400 2450 2500 2550 2600 2650 2700 2750 2800 2850 2900 2950 3000 3050 3100 3150 3200 3250 3300 3350 3400 3450 3500 3550 3600 3650 3700 3750 3800 3850 3900 3950 4000 4050 4100 4150 4200 4250 4300 4350 4400 4450 4500 4550 4600 4650 4700 4750 4800 4850 4900 4950 5000 5050 5100 5150 5200 5250 5300 5350 5400 5450 5500 5550 5600 5650 5700 5750 5800 5850 5900 5950 6000 6050 6100 6150 6200 6250 6300 6350 6400 6450 6500 6550 6600 6650 6700 6750 6800 6850 6900 6950 7000 7050 7100 7150 7200 7250 7300 7350 7400 7450 7500 7550 7600 7650 7700 7750 7800 7850 7900 7950 8000 8050 8100 8150 8200 8250 8300 8350 8400 8450 8500 8550 8600 8650 8700 8750 8800 8850 8900 8950 9000 9050 9100 9150 9200 9250 9300 9350 9400 9450 9500 9550 9600 9650 9700 9750 9800 9850 9900 9950 10000

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Scale: 1" = 100' (Horizontal)
 1" = 10' (Vertical)
 Profile in 10' increments
 Contour interval 10'

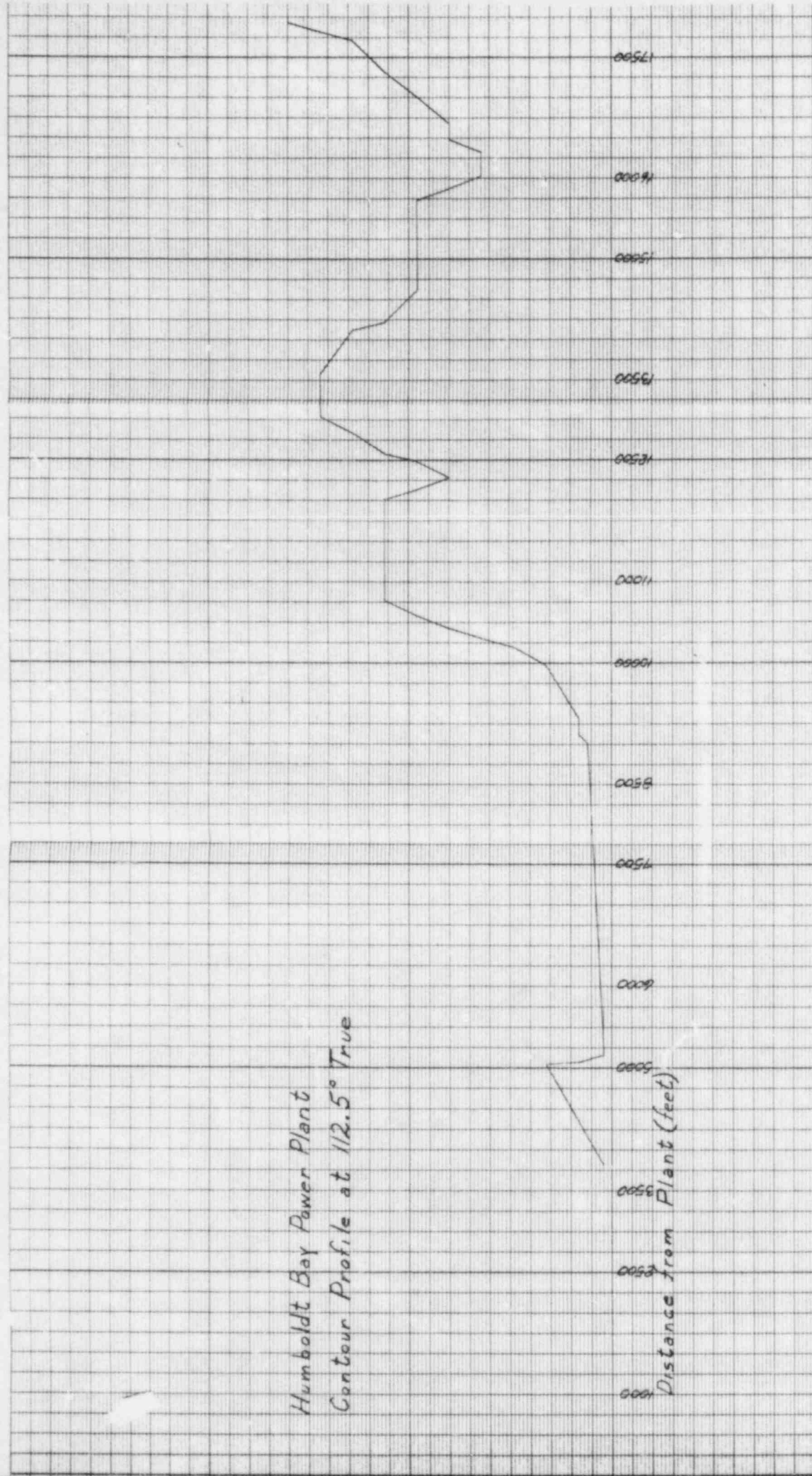
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Project No. 100-100-100
 Date: 6-2-72

Humboldt Bay Power Plant
 Contour Profile at 112.5° True

Distance from Plant (feet)

0000 0050 0100 0150 0200 0250 0300 0350 0400 0450 0500 0550 0600 0650 0700 0750 0800 0850 0900 0950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750



Project No. 6-7-72

Standard
 11 x 17 in.
 100%
 100%
 100%

KEUFFEL & ESSER CO.
 NEW YORK

3051

Humboldt Bay Power Plant
 Contour Profile at 135° True



NAME: STANDARDIZED NAME
 DATE: 10/1/54
 PROJECT: PLANT A, 8 X 20
 DRAWN BY: J. H. H. H.
 CHECKED BY: J. H. H. H.

HEMPTEL & LESSER CO.
 NEW YORK

Project Name: 7110, 01
 Date: 6-2-72
 Rechecked at 100 ft. 1-1-1-1

HEMPTEL & LESSER CO.
 NEW YORK

Humboldt Bay Power Plant
 Contour Profile at 180° True

ELEVATION (feet)

Distance from Plant (feet)

1000 5500 6000 6500 7500 8500 10000 11000 12500 13500 15000 16000

THIS STANDARD MAP
 PROJECTED PLATE A
 AND A, AND MAPS
 SHALL BE IN U.S.

KEUFFEL & ESSER CO.
 NEW YORK

Regulatory Title Cx.
 Received w/ 10 dated 6-2-72 3051

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 3051

ACKNOWLEDGED

Do Not Remove

FROM: Pacific Gas & Electric Co. San Francisco, Calif. 94106 F. T. Searis	DATE OF DOC: 6-2-72	DATE REC'D 6-5-72	LTR X	MEMO	RPT	OTHER
TO: Donald J. Skovholt	ORIG 1	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS: (U) PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-133			

DESCRIPTION:

Ltr re 4-12-72 meeting with DRL trans the following:

DISTRIBUTION per R. Diggs, Sent Extra cys

PLANT NAMES: Humboldt Bay

ENCLOSURES:

Ltr dtd & notarized 6-2-72 re our 1-31-72, their 2-18-66 & 3-28-72 ltrs, and 4-12-72 meeting w/DRL staff...furnishing addl info regarding meteorological data for Humboldt Bay Power Plant w/attached Contour Profiles.

(3 Orig & 40 cys Ltr & 43 cys ee attm't rec'd)

FOR ACTION/INFORMATION				
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