

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

June 29, 2007

Mr. Mark Piros  
DTSC  
700 Heinz Ave.  
Berkeley, CA 94710

Dear Mr. Piros:

Subject: Fuel Leak Case RO0000197, PG&E Oakland Power Plant, 50 Martin Luther King Jr. Way, Oakland, CA 94607

This letter summarizes our phone conversation today with you, Ms. Jovanne Villamater, of your staff and Ms. Betsy Brunswick of PG&E. Since DTSC is concurrently overseeing significant non-UST releases at this site that appears to be commingled with releases from the former diesel underground storage tanks currently under Alameda County oversight, it was agreed that DTSC would assume the oversight of the entire site and incorporate the UST investigations into their site-wide remedial action plan.

This letter formally transfers the oversight of the three former diesel tanks located at the referenced address from Alameda County Environmental Health to DTSC. We will subsequently make the appropriate County and State database changes and contact DTSC to make arrangements for the physical transfer of files.

You may contact me at 510-567-6721 if you have any questions.

Sincerely,

Donna L Drogos, PE  
LOP Program Manager

C: files B. Chan

Ms. Jovanne Villamater, DTSC, 700 Heinz Ave., Berkeley, CA 94710  
Ms. Betsy Brunswick, PG&E, 77 Beal St. Rm. 2439C, San Francisco, CA 94105  
Mr. Luis Medina, Duke Energy Oakland LLC, P.O. Box 1642, Houston, TX, 77251

6\_26\_07 50MLK Jr Transfer DTSC

ALAMEDA COUNTY  
HEALTH CARE SERVICES

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ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway, Suite 250  
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RO0000197

October 14, 2002

Ms. Anne Conner  
PG&E - Environmental Support and Services  
P.O. Box 6740  
San Francisco, CA 94120

**RE: Former PG&E Oakland Power Plant at 50 MLK Jr Way, Oakland, CA**

Dear Ms. Conner:

The proposal to collect a confirmation soil and groundwater sample immediately adjacent to the location of a 1992 borehole (GW5-2B) as outlined in your August 26, 2002 letter is acceptable. Upon review of the data from this investigation, we can meet to discuss the next phase of investigations required to move this case to closure.

Field work should commence within 45 days of the date of this letter, or by **December 2, 2002**. Please provide at least 72 hours advance notice of field activities. If you have any questions, I can be reached at (510) 567-6762.

eva chu  
Hazardous Materials Specialist

c: Luis Medina, Duke Energy of North America, 50 MLK Jr Way, Oakland, CA 94607

## Chu, Eva, Env. Health

---

**From:** Conner, Anne [APB1@pge.com]  
**Sent:** Monday, October 14, 2002 1:59 PM  
**To:** 'Chu, Eva, Env. Health'  
**Cc:** Woodruff, John; Meeks, Yvonne; Brunswick, Betsy M  
**Subject:** RE: 50 MLK Jr Wy, Oakland

Hi Eva,

As per our telephone conversation earlier today, PG&E will proceed with the proposed August 26th sampling plan sometime within the next two to three weeks, pending driller availability. Upon review of the data, we will meet with you at a later date to discuss the possibility of closing out the underground tank (diesel dump tanks) issue at Oakland PP.

Thanks,

Anne Conner  
(415) 973-4203

-----Original Message-----

**From:** Chu, Eva, Env. Health [mailto:EChu@co.alameda.ca.us]  
**Sent:** Wednesday, October 02, 2002 2:35 PM  
**To:** Conner, Anne  
**Subject:** 50 MLK Jr Wy, Oakland

Hi Anne,

I was discussing the above referenced site with a colleague. The proposal to confirm elevated TPHd in grab groundwater by GWS-2B is acceptable. This boring will help to delineate the plume in the easterly direction.

Once the plume has been delineated, we can decide what needs to be done with residual free product at the site (as observed in temporary wells). You may want to consider overexcavation with confirmation soil sampling in the vicinity of Dump Tank 2 and Dump Tank 3..

Another thought, you may wish to request that DTSC handle both the 50 MLK site and the fuel storage area across Jefferson Street as one site.

Let me know what you want to do. Thanks

eva chu  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway  
(510) 567-6762  
(510) 337-9335 (fax)

## Chu, Eva, Env. Health

---

**From:** Chu, Eva, Env. Health  
**Sent:** Wednesday, October 02, 2002 2:35 PM  
**To:** Anne Conner (E-mail)  
**Subject:** 50 MLK Jr Wy, Oakland

Hi Anne,

I was discussing the above referenced site with a colleague. The proposal to confirm elevated TPHd in grab groundwater by GWS-2B is acceptable. This boring will help to delineate the plume in the easterly direction.

Once the plume has been delineated, we can decide what needs to be done with residual free product at the site (as observed in temporary wells). You may want to consider overexcavation with confirmation soil sampling in the vicinity of Dump Tank 2 and Dump Tank 3..

Another thought, you may wish to request that DTSC handle both the 50 MLK site and the fuel storage area across Jefferson Street as one site.

Let me know what you want to do. Thanks

*eva chu*  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway  
(510) 567-6762  
(510) 337-9335 (fax)

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1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577  
(510) 567-6700  
FAX (510) 337-9335

RO0000197

June 4, 2002

Mr. Korbin Creek  
PG & E  
3400 Crow Canyon Road  
San Ramon, CA 94583

**RE: Former PG&E Oakland Power Plant at 50 MLK Jr Way, Oakland, CA**

Dear Mr. Creek:

I completed review of the case file for the above referenced site to determine if site closure can be recommended at this time. Missing from the file is documentation of any disposal of petroleum hydrocarbon impacted soil resulting from the removal of three diesel dump tanks in 1991. Also, it appears that the groundwater plume has not been delineated to the east, in particular by borehole GWS-2B, located near the diesel dump tank #2. A grab groundwater sample collected from this borehole in October 1992, contained up to 160,000ppb TPH as diesel.

At this time, please submit a workplan for the delineation of the diesel plume to the east of borehole GWS-2B. Also include documentation of any soil disposal resulting from the tank removal. The workplan is due within 90 days of the date of this letter, or by **September 9, 2002.**

If you have any questions, I can be reached at (510) 567-6762.

eva chu  
Hazardous Materials Specialist

P.S. Please provide current property owner's name, address, and contact number.  
Thanks.



**Pacific Gas and  
Electric Company**

**Juan M. Jayo**  
Attorney at Law

77 Beale Street, Room 3037, B30A  
San Francisco, CA 94105

*Mailing Address*  
P.O. Box 7442  
San Francisco, CA 94120

415.973.2193  
Telecopier: 415.973.5520

June 1, 2001

Alameda County Health Care Services Agency  
Jennifer Eberle  
Hazardous Materials Specialist  
1131 Harbor Bay Parkway Room 250  
Alameda, CA 94502-6577

BC

207 64

Re: Oakland Power Plant (OPP), 50 Martin Luther King Junior Way, Oakland, CA 94607

Ladies/Gentlemen:

On April 6, 2001 (the "Petition Date"), Pacific Gas and Electric Company ("PG&E") filed a voluntary petition for relief in the United States Bankruptcy Court for the Northern District of California under chapter 11 of title 11 of the United States Code (the "Bankruptcy Code"). Consequently, PG&E is operating its business and managing its assets as a debtor in possession under sections 1107 and 1108 of the Bankruptcy Code. PG&E trusts your agency is familiar with the law respecting the automatic stay under Section 362 of the Bankruptcy Code.

As you know, PG&E has been cooperating with your agency with respect to the above-referenced site. As a general matter, PG&E as a debtor in possession is precluded from making payments on account of obligations incurred prior to the Petition Date. At the same time, in certain situations, a debtor in possession may be permitted to undertake environmental remediation measures.

PG&E is writing this letter to advise you that PG&E is in the process of determining whether, consistent with its duties as a debtor in possession under the Bankruptcy Code, it can make payments or perform obligations regarding this matter absent an express Bankruptcy Court order authorizing PG&E to do so. PG&E hopes and expects to make this determination within the next several weeks. As soon as such determination is made, PG&E will write a follow-up letter advising you of the outcome. In the meantime, please be assured that PG&E has not overlooked this matter and has given resolution of this issue a high priority.

We appreciate your patience in this matter.

Sincerely,



Juan M. Jayo, Esq.

cc: Craig Fletcher

July 31, 1997



Ms. Lorreta Barasamian  
Executive Officer  
Attention: Ms. Judy Haung  
California Regional Water Quality Control Board  
San Francisco Bay Region  
2101 Webster Street #500  
Oakland, CA 94612

Ms. Barbara J. Cook  
Branch Chief  
Attention: Ms. Denise Tsuji  
Northern California Coastal Cleanup Operations  
Site Mitigation Program  
Department of Toxic Substances Control  
700 Heinz Ave., Suite 200  
Berkeley, CA 94710-2737

**Re: Phase II Environmental Site Assessment Results at Pacific Gas and Electric Company's Oakland Point Power Plant**

Dear Ms. Barasamian and Ms. Cook:

In correspondence dated December 17, 1996, to Mr. Jesse Huff of the Department of Toxic Substances Control (DTSC) and Mr. Briggs of the Regional Water Quality Control Board - Central Coast Region (RWQCB), it was explained that Pacific Gas and Electric Company was preparing to conduct a Phase II Environmental Site Assessment (Phase II) at its Oakland Point Power Plant (OakPP) facility. The Phase II was to be conducted as part of the normal commercial process required prior to the sale of OakPP. This sale was driven by the California Public Utility Commission's request that investor-owned utilities voluntarily divest themselves of at least 50 percent of their fossil fuel electric generation capacity.

The December 17th letter further stated that, upon completion of the Phase II work, a description of the results would be provided to your offices. This letter is being written to provide you with a list of the findings from the investigatory work and to provide you with the opportunity for a more detailed briefing.

Fluor Daniel GTI (Fluor Daniel) was the consulting firm retained to perform the Phase II assessment. Fluor Daniel prepared and implemented a Sampling and Analysis Plan

(SAP) that provided a 95 percent level of certainty that previously undetected releases of at least 100 feet in radius would be discovered during the course of the field investigation. The findings from this detailed investigation are briefly described in Attachment I. Fluor Daniel has indicated that none of these identified issues poses a current threat to human health or safety. Furthermore, Fluor Daniel has advised that none of these findings is the result of a current release but appear to be historic in nature. As such, we do not believe that any of the issues raised in Attachment I requires emergency release reporting.

As mentioned in our telephone conversation with your respective Departments on July 31, 1997, we would like to provide you or your representatives with additional background information on the investigative approach, field implementation of the SAP and conclusions from the study. A presentation has been prepared by the Fluor Daniel personnel involved with the work. In addition to the briefing, the meeting will provide an opportunity for you to ask questions and to give us a chance to discuss our next course of action. OakPP staff will coordinate with the various agency representatives and Fluor Daniel personnel to set up a date during the week of August 18<sup>th</sup>, 1997, for the presentation.

If you have any questions, please contact me at (415) 695-2200.

Sincerely,

  
Avtar S. Virdee

cc: Mr. Steve DeMello  
Hazardous Materials Unit Chief  
Attention: Mr. Tim Miles  
California Office of Emergency Services  
Hazardous Materials Division  
11070 White Rock Road, Suite 210  
Ranch Cordova, CA 95670

Mr. Michael Bostic  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109

Mr. Leroy Griffin  
Supervisor  
Oakland Fire Services Agency  
Hazardous Materials Program  
505 14th Street, Suite 702  
Oakland, CA 94612



**Ms. Jennifer Eberle  
Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577**

**Attachment**

## Attachment I

The following environmental issues were identified at Oakland Power Plant by Fluor Daniel GTI's recently completed Phase II investigation.

- Total petroleum hydrocarbons (TPH) were detected in soil samples taken from along Jefferson Street and in the Tank Farm across Jefferson Street from the plant, in the southern portion of the plant's central yard, and near the diesel fuel dump tanks at the plant. TPH was detected in groundwater samples taken from the southeastern portion of the central yard and the southern end of Jefferson Street. The detection of liquid phase petroleum hydrocarbons at the southern boundary of Jefferson Street was previously reported orally and in a letter to Tom Peacock, Alameda County Health Care Services, dated January 24, 1997. The highest TPH concentration detected at the plant was 12,532 mg/kg in soil from the tank farm.
- Polynuclear aromatic hydrocarbons (PAHs) and volatile organic compounds (VOCs) were detected in soil and groundwater samples taken from the corner of Jefferson and Embarcadero Streets and near the southern end of Jefferson Street. The VOC and PAH impacts are not widespread and appear associated with the TPH impacts along Jefferson Street. The highest VOC concentration detected was 12 mg/kg of n-propylbenzene in soil and 490 ug/L of benzene in groundwater.
- PAHs were detected in soil samples taken during this investigation, primarily in samples from the central yard and along Jefferson Street. No PAHs are believed to be in the groundwater beneath the plant. The highest concentrations detected of potentially carcinogenic PAHs was 251 mg/kg in soil.
- A low level of cyanide was detected in the soil and groundwater in the southwestern portion of the plant's power generation area. The highest concentrations detected were 97 kg/mg in soil and 390 ug/L in groundwater.
- Concentrations of metals (including lead, zinc, barium, arsenic, and vanadium) above background levels were detected in soil and groundwater at the plant. Lead was detected in soil from two locations at concentrations exceeding the Total Threshold Limit Concentration (TTLC). According to Fluor Daniel, the detected metals may have come from fill materials. Elevated concentrations of metals in groundwater do not closely correlate with higher concentrations in groundwater. The areas with impacted soil include the central yard near the oil water separator and areas associated with fill and native bay mud.
- As previously reported orally, two catch basins located in Jefferson Street, adjacent to the plant, are connected to an underground conduit that is connected to the Oakland Inner Harbor. The construction of the conduit is such that the amount of discharge to the harbor generally would be minimal except in

high rainfall situations. The conduit was originally part of a circulating water tunnel at the plant, was converted to a stormwater drain line in the late 1970s with the permission of the City of Oakland.



Cal/EPA

Department of Toxic Substances Control

700 Heinz Avenue Suite 200 Berkeley, CA 94710-2737

February 11, 1997

To: Jennifer Eberle Alameda County Health Care Services



Governor

Secretary for Environmental Protection

Mr. Robert M. Fredianelli Manager - Power Generation Services Pacific Gas and Electric Company MAIL CODE N12 P. O. Box 770000 San Francisco, CA 94177

MANAC	
BOB FI	
ACTION	FU
FILE	ROUTE
CC	

From: Ron Kino PG&E 415 973-1259

		EHS
		BUSFL
		H.R.

Dear Mr. Fredianelli:

The Department of Toxic Substances Control recently responded to your letter regarding Pacific Gas and Electric Company's (PG&E'S) divestiture plans for several power plants in California. James Pappas of the Department's Permitting Division contacted by telephone Ron Kino of your staff. During the conversation, the Department contacts were identified for two of the four power plants identified in your December 16, 1996 letter. Mr. Pappas referred Mr. Kino to me regarding the Hunter's Point and Oakland power plants, as they are not permitted facilities. As such, the environmental review of both power plants would be most appropriate under the oversight by the Site Mitigation Program.

PG&E's Environmental Services and the Department's Site Mitigation Program entered a Voluntary Cleanup Agreement (VCA). The VCA is for the oversight of the cleanup of former town gas sites. I would like to invite PG&E to expand the scope of the VCA to include the two power plants. The VCA is managed by Denise Tsuji of my staff. I would like to schedule a meeting, with you, PG&E's Environmental Services and my staff, to discuss the environmental investigations for the Hunter's Point and Oakland power plants. We will coordinate within the DTSC to ensure consistent measures are undertaken.

I will have Denise contact Ron Kino to coordinate a meeting. If you have any questions, please contact Denise at (510) 540-3824.

Sincerely,

Barbara J. Cook

Barbara J. Cook, P.E. Branch Chief Northern California Coastal Cleanup Operations Site Mitigation Program

POWER GENERATION SVCS. MANAGER ALYNN S. DEUBLE				
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RMK				JRW
JEM				DFW
RRS	Handle	Reply	Route	BDW
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	F/U Date:			



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Pacific Gas and Electric Company

245 Market Street  
San Francisco, CA 94105  
Mailing Address  
Mail Code N12C  
P.O. Box 770000  
San Francisco, CA 94177

ENVIRONMENTAL  
PROTECTION

97 JAN 28 AM 8:38

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551069

January 24, 1997



Mr. Tom Peacock  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577

Dear Mr. Peacock:

This letter provides information regarding the discovery of liquid phase petroleum hydrocarbons near Pacific Gas and Electric Company's Oakland Power Plant located at 50 Martin Luther King Way in Oakland, California. This information was reported to you verbally on December 24, 1996. The following paragraphs describe information available to date.

During the course of site investigation activities conducted at the facility, one boring, located approximately at the southern boundary of Jefferson Street, encountered about 4 inches of liquid phase petroleum hydrocarbon. Attached is a letter, previously sent to your office, explaining why we are conducting this environmental investigation. To date, no other samples taken by PG&E's consultant on or near the Oakland facility have revealed the presence of liquid phase hydrocarbons.

Our consultant has told us that the material encountered is most likely from an historic release, not a current release. Efforts are currently underway to determine the extent of this material, as well as potential source areas. Upon receipt of our consultant's report regarding its further investigation, we will provide you with additional relevant information.

If you have any questions, please contact Mr. Ron Kino of my staff at (415)973-1259.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alynn Delisle'.  
Alynn Delisle

Attachment

CRF:trp

cc: Mr. Leroy Griffin.  
Fire Department  
Office of Emergency Services  
Hazardous Material Management Program,  
505 14th Street, 7th Floor  
Oakland, CA 94612



Ms. Loretta Barasamian  
Executive Officer  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster Street #500  
Oakland, CA 94612  
Attn: Ms Judy Huang

Mr. Sal Ciriello  
Department of Toxic Substances Control  
Region 2  
700 Heinz Avenue, Suite 200  
Berkeley, CA 94710-2737

Mr. David Zochetti  
Office of Emergency Services  
Hazardous Materials Division  
2800 Meadow view Road  
Sacramento, CA 95832

**Pacific Gas and Electric Company**

245 Market Street  
San Francisco, CA 94105

December 17, 1996

*Mailing Address*  
Mail Code N12\_\_\_  
P.O. Box 770000  
San Francisco, CA 94177



**Ms. Lorreta Barasamian**  
Executive Officer  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster Street #500  
Oakland, CA 94612

**Mr. Roger Briggs**  
Executive Officer  
Central Coast Region  
Regional Water Quality Control Board  
81 Higuera Street #200  
San Luis Obispo, CA 93401

**Re: Divestiture and Environmental Investigations at Hunters Point,  
Morro Bay, Moss Landing, and Oakland Power Plants**

Dear Ms. Barasamian & Mr. Briggs:

This letter is to inform you about Pacific Gas and Electric Company's (PG&E's) plans for conducting environmental investigations at its Hunters Point, Morro Bay, Moss Landing, and Oakland power plants and to ask for your assistance in facilitating and streamlining our process of complying with applicable regulatory requirements.

Background

In response to a California Public Utilities Commission (CPUC) request that investor-owned utilities divest themselves of at least 50 percent of their fossil fuel generating capacity, PG&E recently announced the sale of four power plants: Hunters Point, Morro Bay, Moss Landing, and Oakland. (Morro Bay and Moss Landing and, currently hold RCRA treatment, storage and disposal (TSD) facility permits and Morro Bay, Moss Landing and Hunters Point hold NPDES and non-NPDES orders.) These sales are part of an overall plan, enacted into California law as Assembly Bill 1890, to restructure the utility industry in California by transforming the business of providing electric services from a regulated monopoly to a deregulated, competitive market. The new electric market structure mandated by A.B. 1890 is scheduled to take effect on January 1, 1998. The divestiture of fossil fuel plants is part of the CPUC's plan for restructuring the electric market by reducing the investor-owned utilities' market power. In order to cooperate with the schedule for implementing the new market structure, PG&E is striving to complete the sale of all four plants by the January 1, 1998 deadline.

In its November 15, 1996 application, PG&E asked the CPUC to give general approval of a form of purchase and sale agreement for the four plants. The agreement provides that PG&E will remain responsible for any required remediation of environmental conditions of the soil or groundwater that are present at each plant at the time of sale. PG&E will define those existing environmental conditions at each plant through soil and groundwater testing.

#### Environmental Investigations

PG&E has retained Fluor Daniel GTI, Inc. (Fluor Daniel), a nationally known engineering and environmental consulting firm, to conduct a comprehensive investigation of each plant. The environmental investigations will involve the collection of soil and groundwater samples from locations throughout each plant. Field investigations began December 16, 1996 at Oakland, Moss Landing, and Morro Bay, and are scheduled to begin on December 30, 1996, at Hunters Point. All field work is scheduled to be completed by April 1, 1997. PG&E is currently scheduled to place the plants on the market by April 14, 1997. We expect to receive Fluor Daniel's evaluation and interpretation of the laboratory data derived from this field work in the form of a comprehensive Phase II report by May 1, 1997. On June 9, 1997, PG&E is scheduled to make information about its environmental investigations of the plants available to prospective bidders.

Although we intend to adhere to this schedule, there are a number of variables outside of PG&E's control that could cause delays, including the CPUC's schedule for reviewing and approving PG&E's application.

#### Compliance with Reporting Obligations

Although PG&E does not anticipate that Fluor Daniel's investigations will disclose any new significant environmental issues at any of the plants, there is always a possibility that an investigation of the scope planned by PG&E may reveal previously unknown issues.

Due to the high volume of data that will be generated by Fluor Daniel's simultaneous investigations at four plants, PG&E will need to receive and review Fluor Daniel's Phase II report before PG&E will be able to evaluate our release reporting obligations. We understand that Fluor Daniel's Phase II report will provide us with general information about the location, size, and nature of any previously undetected release. Upon Fluor Daniel's completion of its Phase II report, PG&E will provide this general information about any previously undetected releases to the appropriate agencies and will respond promptly to any subsequent request from such agencies for additional information or other appropriate actions.



PG&E believes that reporting previously undetected releases based on Fluor Daniel's evaluation of the field data in its Phase II report will allow us to provide complete and accurate information in a timely manner. Please let us know as soon as possible if this is not correct so that we can mutually develop an alternative approach. If we do not hear from you, we will assume that the reporting approach specified above meets with your approval. By copy of this letter to the San Francisco Department of Public Health, Bureau of Environment Health Services, Oakland Fire Department and Alameda County Health Care Services, we also ask those offices to inform us if this reporting approach does not meet with their approval.

#### Point of Contact

PG&E is aware that the schedule we have developed to meet the CPUC's schedule for implementing the new electric market structure is ambitious. Due to the significance of the electrical restructuring program, both on a state and national basis, we are committed to adhering to the timeline we have described above to the extent possible. However, we may not be able to meet the schedule for this extensive multi-plant investigation effort unless we obtain your assistance.

In this regard, we would like you to consider naming a single official to be our point of contact for the divestiture project. We think the appointment of such a contact person to coordinate issues arising at the plants would streamline your review of PG&E's investigation projects at the four plants, thereby resulting in time and cost savings for both the Central Coast and San Francisco Bay Regional Water Quality Control Boards (RWQCBs) and PG&E. We envision the contact person also assisting us in resolving issues relating to the transfer of permits when the plants are sold and other environmental issues related to divestiture. If it is not possible to name a single official for all four plants, we would appreciate it if you would name a Central Coast RWQCB official and a San Francisco Bay RWQCB official as the point of contact for the two plants within each of their jurisdictions.

The identification of a contact person or persons would facilitate our efforts to complete our comprehensive environmental review on the expedited basis necessary to comply with the new market structure mandated by AB 1890. During the divestiture project, we will make our communications and required reports to the designated contact person and look to the contact person or persons to coordinate any input from each RWQCB into the project. However, throughout the project, we will maintain open communications with our usual contacts at each RWQCB regarding the progress of the investigations. For your information, I have enclosed a listing of PG&E contact persons at each of the four power plants to be investigated and the names of their usual contacts at the Central Coast RWQCB and San Francisco Bay RWQCB.

Thank you for your assistance and cooperation in these matters. We would appreciate hearing from you regarding our proposal at your earliest convenience, and would be happy to meet with you or others at any time to further discuss these issues. If you have any questions, you can either talk to your normal plant contact or Ron Kino of my staff at (415) 973-1259.

Yours very truly,



Robert M. Fredianelli

Manager - Power Generation Services

Attachment

cc: Ms. Sue Cone  
San Francisco Department of Public Health,  
City and County of San Francisco,  
Bureau of Toxics, Health, and Safety Services  
101 Grove Street, Room 220  
San Francisco, CA 94102

Mr. Ben Gale, REHS  
Director  
Bureau of Environmental Health Services  
City and County of San Francisco  
Department of Public Health  
101 Grove Street, Room 217  
San Francisco, CA 94102

Mr. Britt Johnson  
Senior Hazardous Materials Inspector,  
Fire Department,  
Office of Emergency Services  
Hazardous Material Management Program,  
505 14th Street, 7th Floor  
Oakland, CA 94612

Jennifer Eberle  
Hazardous Materials Specialist,  
Alameda County Health Care Services,  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577

Moss Landing Power Plant

PG&E Contacts

Terry Nelson  
Plant Manager  
Moss Landing Power Plant  
P.O. Box 27  
Moss Landing, California 95039  
(408) 633-6746

Martha Rush  
Environmental Health & Safety Supervisor  
Moss Landing Power Plant  
P.O. Box 27  
Moss Landing, California 95039  
(408) 633-6660

DTSC Contact

Salvatore Ciriello  
Supervising Hazardous Substances Engineer  
DTSC  
700 Heinz Ave. Suite 300  
Berkeley, California 94710-2737  
(510) 540-3972

Lester Kaufman  
Region 2  
DTSC  
700 Heinz Avenue #200  
Berkeley, CA 94710-2737

Hunters Point and Oakland Power Plants

PG&E Contacts

Avtar Virdee  
Environmental Health & Safety Supervisor  
Hunters Point Power Plant  
1000 Evans Avenue  
3rd Floor  
San Francisco, California  
(415) 695-2200  
Pager No. (415) 253-6093

**CONTACT LIST**

**Morro Bay Power Plant**

**PG&E Contacts**

Randy Livingston  
Plant Manager  
P.O. Box 1617  
Morro Bay, CA 93443-1617  
(805) 645-5010

Mark Hays  
Supervisor of Environmental Health  
& Safety  
P.O. Box 1617  
Morro Bay, CA 93443-1617  
(805) 645-5096

**DTSC Contact**

Jim Pappas, Chief of Permitting  
John Papatkakis, Permitting Engineer  
California Environmental Protection Agency  
Dept. of Toxic Substances Control  
Region 1  
10151 Croydon Way  
Sacramento, CA 95827-2106

(916) 255-3545  
(916) 255-3579

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

ARNOLD PERKINS, DIRECTOR

January 11, 1996  
STID 64

ALAMEDA COUNTY CC4580  
ENVIRONMENTAL HEALTH SERVICES  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

Attn: Gregg L. Lemler  
PG&E  
San Francisco Bay Power Plants  
1000 Evans Ave.  
San Francisco CA 94124

RE: Oakland Power Plant, 50 Martin Luther King Way, Oakland CA 94607

Dear Mr. Lemler,

Since my last letter to you, dated 7/6/95, the following documents have been received in this office:

- 1) "Groundwater Monitoring and Sampling Report, Third Quarter 1995" prepared by Alisto, dated July 20, 1995
- 2) "Groundwater Monitoring and Sampling Report," prepared by EMCON, dated October 1995

Thank you for tabulating the actual TPH-diesel range concentrations. The latest report indicates that BTEX has been ND in well MW-2-3 for the last four consecutive quarters. **Therefore, your request to delete BTEX is acceptable. In addition, the sampling frequency may be reduced, due to the relatively low concentrations of TPH-diesel. Annual sampling would be acceptable, provided it is conducted in the first quarter of each year, to account for the seasonally high water table.**

If you have any questions, please contact me at 510-567-6700, ext 6761.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: J.C. Isham, EMCON, 1433 N. Market Blvd., Sacramento CA 95834  
*je* Acting Chief/file

je.64-B

417-96

Post-It™ brand fax transmittal memo 7671 # of pages ▶ 1

To	Arthur Virda	From	J. Eberle
Co.		Co.	
Dept.		Phone #	
Fax #	415-675-2200	Fax #	

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

July 6, 1995  
STID 64

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 567-6700

Attn: Gregg L. Lemler  
PG&E  
San Francisco Bay Power Plants  
1000 Evans Ave.  
San Francisco CA 94124

RE: Oakland Power Plant, 50 Martin Luther King Way, Oakland CA 94607

Dear Mr. Lemler,

Since my last letter to your office (attn: Jack Fusco) dated 8/1/94, the following documents have been received in this office:

- 1) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated July 1994
- 2) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated October 1994
- 3) "Groundwater Monitoring and Sampling Report," prepared by Alisto, dated January 1995
- 4) letter to Edgar Howell of this office, from yourself, dated 2/14/95
- 5) "Groundwater Monitoring and Sampling Report, Second Quarter 1994," prepared by Alisto, dated April 1995

The last two quarterly reports indicate that concentrations in the TPH-diesel range were detected in all three wells. *It would be helpful to indicate the actual concentrations in the tabulated data, as has been done in previous quarterly reports.* You are therefore requested to include the actual concentrations in the tabulated data in future reports; this data will presumably be footnoted. Please include the concentrations for the past 2 quarters.

If you have any questions, please contact me at 510-567-6700, ext 6761.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Jennifer Eberle'.

Jennifer Eberle  
Hazardous Materials Specialist

cc: Brady Nagle, Alisto, 1777 Oakland Blvd, Suite 200, Walnut Creek CA  
Jun Makishima/file

je.64-A

Pacific Gas and Electric Company

1000 Evans Avenue  
San Francisco, CA 94124  
415/695-2200

JFE  
SF 10 64

February 14, 1995



Mr. Edgar B. Howell  
Director, Hazardous Materials Section  
Alameda County Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Mr. Edgar B. Howell:

Effective immediately, Pacific Gas and Electric Company requests that all correspondence from your agency to Hunters Point, Potrero and Oakland Power Plants in San Francisco and Oakland, be directed to the Office of the Plant Manager, Gregg L. Lemler, San Francisco Bay Power Plants, 1000 Evans Avenue, San Francisco, CA 94124.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Gregg L. Lemler'.

GREGG L. LEMLER  
Manager, San Francisco Bay Power Plants

:bjr

July 8, 1994



Ms. Jennifer Eberle  
Hazardous Materials Specialist  
Division of Hazardous Materials  
Alameda County Department of Environmental Health  
80 Swan Way, Room 350  
Oakland, CA 94621

RE: Meeting held 6/16/94 to discuss groundwater monitoring results  
for Oakland Power Plant

Dear Ms. Eberle:

Thank you for taking the time to meet with representatives from PG&E in your office on June 16, 1994, concerning groundwater monitoring at Oakland Power Plant. The purpose of this letter is to summarize the main points discussed at the meeting regarding the future monitoring of groundwater wells 1-2, 1-3 and 2-3.

Our last groundwater monitoring report, dated April 1994, indicates that total petroleum hydrocarbons as diesel (TPH-d) was not detected in monitoring wells (MW) 1-3 and 2-3 over the past two quarters. *and 2-3* As discussed at the meeting, if data from the next two quarterly sampling events confirms the non-detect results for TPH-d, we will contact you with a proposal for reducing the monitoring frequency of MW-1-3 and for using these wells as compliance points for MW-1-2. With your concurrence, we will also propose adjusting the monitoring frequency of MW-1-2 to match that of the other two wells. If diesel is detected, we will continue to monitor the wells on a quarterly basis, until agreed otherwise. *dc*

Benzene, toluene, ethyl benzene and xylene (BTEX) were not detected in MW-1-2 and MW-1-3 for the past four consecutive quarters. As agreed, we will discontinue analysis for BTEX at these wells. Benzene was detected at 3.1 parts per billion in MW-2-3 in June 1993, but was not detected in this well for



July 8, 1994

Page 2 of 2

the past three quarters. We will test the sample from MW-2-3 obtained during our latest sampling event (June 29, 1994) for BTEX. If BTEX is not detected, we will request your permission to drop this analysis for this well also.

*Wm  
etc*

You mentioned that the Alameda County Department of Environmental Health now has full authorization from the S.F. Bay Regional Water Quality Control Board to oversee the underground storage tank program within the county, and that there is no longer a need to copy the Regional Board on correspondences regarding the case at Oakland Power Plant. We are requesting a statement in writing from your office regarding the change in policy.

We will be in touch with you following our upcoming sampling events to discuss the appropriate monitoring changes. In the meantime, if you should have any questions regarding this matter, please contact Mr. Avtar Virdee of my staff at (415)695-2205.

Sincerely,



JACK A FUSCO  
Plant Manager

ASV:bjr

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
 PACIFIC GAS AND ELECTRIC COMPANY'S OAKLAND POWER PLANT  
 50 MARTIN LUTHER KING, JR. WAY, OAKLAND, CALIFORNIA

ALISTO PROJECT NUMBER 10-179

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-D (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	LAB
MW-1-2	06/22/93	13.95	5.05	8.90	1500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-2	09/22/93	13.95	5.91	8.04	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
QC-1	09/22/93	---	---	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-2	12/28/93	13.95	4.77	9.18	200	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
QC-1	12/28/93	---	---	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-2	04/11/94	13.95	4.66	9.29	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
QC-1	04/11/94	---	---	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-2	04/20/94	13.95	4.86	9.09	600	---	---	---	---	CHR
MW-1-3	06/22/93	14.01	5.15	8.86	160	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-3	09/22/93	14.01	5.57	8.44	430	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-3	12/28/93	14.01	5.13	8.88	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-1-3	04/11/94	14.01	5.01	9.00	---	ND<0.5	ND<0.5	ND<0.5	0.50	CHR
MW-1-3	04/20/94	14.01	5.09	8.92	ND<50	---	---	---	---	CHR
MW-2-3	06/22/93	13.91	5.00	8.91	560	3.1	ND<0.5	ND<0.5	ND<0.5	CHR
MW-2-3	09/22/93	13.91	5.50	8.41	460	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-2-3	12/28/93	13.91	4.74	9.17	ND<50 (d)	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-2-3	04/11/94	13.91	4.62	9.29	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
MW-2-3	04/20/94	13.91	4.83	9.08	ND<50	---	---	---	---	CHR
QC-2	06/22/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
QC-2	09/22/93	---	---	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
QC-2	12/28/93	---	---	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR
QC-2	04/11/94	---	---	---	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	CHR

ABBREVIATIONS:

- TPH-D Total petroleum hydrocarbons as diesel
- B Benzene
- T Toluene
- E Ethylbenzene
- X Total xylenes
- ppb Parts per billion
- Not analyzed/applicable
- ND Not detected at or above reported detection limit
- CHR Chromalab, Inc.

NOTES:

- (a) Top of casing elevations surveyed relative to mean sea level.
- (b) Groundwater elevations in feet above mean sea level.
- (c) Blind duplicate.
- (d) Motor oil at a concentration of 2.9 mg/l detected in sample.
- (e) Travel blank.

(f) 3.1 mg/L motor oil

**Pacific Gas and Electric Company**

Hunters Point/Potrero/  
Oakland Power Plants  
Steam Generation  
1000 Evans Avenue  
San Francisco, CA 94124  
415/695-2200

Jack A. Fusco  
Manager  
ALCO  
HAZMAT

94 MAY -4 PM 2:52

May 2, 1994



Ms. Jennifer Eberle  
Hazardous Materials Specialist  
Alameda County Department of Environmental Health  
UST Local Oversight Program  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Ms. Eberle:

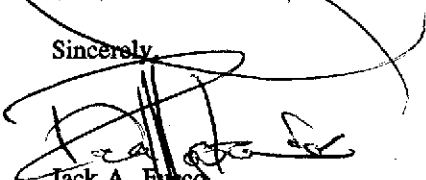
Please find attached herewith a copy of the Subsurface Investigation Report for Pacific Gas and Electric Company, Oakland Power Plant at 50 Martin Luther King Jr. Way, Oakland, California, 94621. This report is submitted to your office as requested in your letter dated April 23, 1993.

Results of the quarterly sampling show that low levels (600 parts per billion) of petroleum hydrocarbons as diesel (TPH-D) are present only near diesel tank #2, Monitoring Well No. MW-1-2. No TPH-D in the other two wells were detected. Benzene, toluene, ethyl benzene, and total xylenes analysis detected only xylenes at a concentration of 0.5 ppb in the groundwater sample collected from Monitoring Well No. 3 (MW 1-3).

We have been monitoring these wells for the last four quarters. At this time, we propose a meeting with you to discuss the results and future actions to be taken.

Should you have any questions regarding this matter, please contact Mr. Avtar S. Virdee of my staff at (415) 695-2205.

Sincerely,

  
Jack A. Fusco  
Plant Manager

ASV:dms

Attachment

cc: Mr. Rich Hiatt, SF Bay Region  
Regional Water Quality Control Board  
2101 Webster Street, Suite 500  
Oakland, CA 94612

bcc: (w/attachments)

GTSanders  
RBell  
Central File

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 23, 1993  
STID 64

Jack Fusco  
Pacific Gas & Electric Co.  
1000 Evans Ave.  
San Francisco CA 94124

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

RE: Oakland Power Plant  
50 Martin Luther King Way  
Oakland CA 94607

Dear Mr. Fusco,

Thank you for the "Work Plan for Additional Groundwater Assessment Surrounding the Diesel Dump Tanks," prepared by Technical and Ecological Services (TES), dated April 1993. This workplan involves the installation of three permanent groundwater monitoring wells in a triangular configuration. This will enable us to document groundwater flow direction. In addition, several additional borings will be installed for the purpose of delineating the lateral extent of groundwater contamination. Groundwater will be analyzed for TPH-d and BTEX.

This workplan is acceptable for implementation; the implementation schedule on page 15 should be followed. If you have any questions, please contact me at 510-271-4530.

Sincerely,

Jennifer Eberle  
Hazardous Materials Specialist

cc: Gary Nulty, Technical and Ecological Services, 3400 Crow  
Canyon Rd., San Ramon CA 94583  
Rich Hiatt, RWQCB  
Ed Howell/file

je

**Pacific Gas and Electric Company**

Hunters Point/Potrero/  
Oakland Power Plants  
Steam Generation  
1000 Evans Avenue  
San Francisco, CA 94124  
415/695-2200

Jack A. Fusco  
Manager



April 8, 1993

Ms. Jennifer Eberle  
Hazardous Materials Specialist  
Alameda County Department of Environmental Health  
UST Local Oversight Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621

RE: Oakland Power Plant Groundwater Monitoring Work Plan

Dear Ms. Eberle:

Please find attached for your review and consideration the *Work Plan for Additional Assessment Surrounding the Diesel Dump Tanks at PG&E's Oakland Power Plant*. This plan is being submitted to your office as requested in your letter dated March 17, 1993 and was prepared by PG&E's Technical and Ecological Services.

The work plan is being submitted under seal of a California Registered Geologist and contains PG&E's proposed methodology for defining the horizontal extent of diesel in the shallow groundwater at the site prior to remediation.

Should you have any questions regarding this matter, please call Mr. Rex Bell of my staff at (415) 695-2205.

Sincerely,

  
Jack A. Fusco  
Plant Manager

MLJ:mlj

cc: Mr. Rich Hiatt  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster Street, Suite 500  
Oakland, CA 94612

bcc: Gary Nulty  
Central File 038.16

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 17, 1993  
STID 64

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Jack Fusco  
PG&E Company  
1000 Evans Ave.  
San Francisco CA 94124  
Attn: Rex Bell

RE: Oakland Power Plant  
50 Martin Luther King Way  
Oakland CA 94607

Dear Mr. Bell,

During recent telephone conversations between myself, yourself, and Gary Nulty of Technical and Ecological Services (TES), the ongoing groundwater investigation was discussed. Queries were raised regarding the use of existing 1" diameter monitoring wells for sampling purposes. These 1" wells have boreholes of 2" diameters. According to the California Well Standards, Bulletin 74-90 (page 20), a **minimum 2" annular seal** is required between the casing and the borehole. Therefore, the existing 1" wells may not be utilized for sampling or monitoring. However, the 1" wells may be retrofitted into 2" monitoring wells.

This being the case, we request a workplan for the installation (or retrofitting) of proper monitoring wells to delineate the extent of the groundwater contaminant plume. Please submit this workplan by **April 9, 1993**, which is the date agreed to during a telephone conversation between myself and Gary Nulty on 3/5/93. The remediation workplan previously requested by letter dated 2/11/93 will be postponed until the contaminant plume is defined.

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

Rich Hiatt  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster St., Suite 500  
Oakland CA 94612

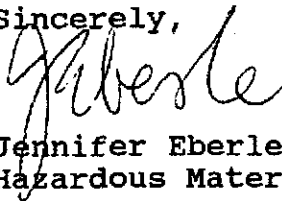


Jack Fusco  
STID 64  
March 17, 1993  
page 2 of 2

We are in receipt of legible copies of hazardous waste manifests for the disposal of investigation-derived wastes. These manifests were sent under cover letter from Kim Sloat, dated 2/24/93.

If you have any questions, please contact me at 510-271-4530.

Sincerely,



Jennifer Eberle  
Hazardous Materials Specialist

cc: Gary Nulty, Technical and Ecological Services, 3400 Crow  
Canyon Rd., San Ramon CA 94583  
Rich Hiett, RWQCB  
Ed Howell/File *EBA*

je

**Pacific Gas and Electric Company**

Hunters Point/Potrero/  
Oakland Power Plants  
Steam Generation  
1000 Evans Avenue  
San Francisco, CA 94124  
415/695-2200

Kim A. Sloat  
Manager

February 24, 1993



Jennifer Eberle  
Hazardous Materials Specialist  
Alameda County Department of Environmental Health  
80 Swan Way  
Oakland, CA 94612

Dear Ms. Eberle:

Attached are legible copies of hazardous waste manifests for disposal of wastes associated with the subsurface investigation at Oakland Power Plant. They replace the copies included in Appendix B of our Shallow Soil and Groundwater Investigation report which were not clearly legible. Please contact Mr. Rex Bell at (415) 695-2205 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Sloat'.

Kim A. Sloat  
Plant Manager

cc: Mr. Rich Hiatt  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster Street, Suite 500  
Oakland, CA 94612

rb

Jack Fusco

Attn: Rex Bell

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 11, 1993  
STID 64

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

Kim Sloat  
PG&E Company  
1000 Evans Av.  
San Francisco CA 94124  
Attn: Rex Bell

RE: Oakland Power Plant  
50 Martin Luther King Way  
Oakland CA 94607

Dear Mr. Bell,

We are in receipt of the completed Unauthorized Leak Report for the above referenced site, signed by Kim Sloat of your company.

We are also in receipt of the "Shallow Soil and Groundwater Investigation Surrounding the Diesel Dump Tanks," prepared by Technical and Ecological Services, dated January 1993. This report documents the findings from the recent site investigation. As you are probably aware, TPH as diesel was found in soils in concentrations as high as 4,100 ppm (sample GWS-3AS), and in groundwater in concentrations as high as 160,000 ppb (sample GWS-2B). Appendix B of this report contained copies of two manifests for investigation-derived wastes. There was a section which included the manifest number, which was blacked out on these two copies. Please resubmit legible manifest copies **within 20 days or by March 3, 1993.**

Due to the significant concentrations of TPH as diesel in the subsurface, we request that you submit a remediation workplan **within 45 days or by March 26, 1993.**

All work should adhere to a) the Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, dated 8/10/90; b) the State Water Resources Control Board LUFT Field Manual; and c) Article 11 of Title 23, California Code of Regulations. Reports and proposals must be submitted **under seal** of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. All reports and documents pertaining to this investigation should also be sent to:

Rich Hiatt  
San Francisco Bay Region  
Regional Water Quality Control Board  
2101 Webster St., Ste 500  
Oakland CA 94612

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE. SIGNED: <i>[Signature]</i> DATE: <b>9-21-92</b>	
REPORT DATE M M D D Y Y _____		CASE # _____			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Kim A. Sloat		PHONE (415) 695-2200		SIGNATURE <i>[Signature]</i> 9/14/92
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNEROperator <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER _____		COMPANY OR AGENCY NAME Pacific Gas and Electric Company		
	ADDRESS 1000 Evans Ave.    San Francisco    CA    94124				
RESPONSIBLE PARTY	NAME Pacific Gas and Electric Co. <input type="checkbox"/> UNKNOWN		CONTACT PERSON Rex Bell		PHONE (415) 695-2205
	ADDRESS 77 Beale St.    San Francisco    CA    94105				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Oakland Power Plant		OPERATOR Pacific Gas and Electric Co.		PHONE (510) 733-4360
	ADDRESS 50 Martin Luther King Jr. Way    Oakland    Alameda    94507				
	CROSS STREET Embarcadero				
IMPLEMENTING AGENCIES	LOCAL AGENCY    AGENCY NAME Alameda County Dept. of Env. Health		CONTACT PERSON J. Eberle		PHONE (510) 271-4323
	REGIONAL BOARD RWQCB - San Francisco Bay Region		CONTACT PERSON Rich Hiett		PHONE (510) 464-4359
SUBSTANCES INVOLVED	(1)    NAME Diesel Fuel		QUANTITY LOST (GALLONS) _____ <input checked="" type="checkbox"/> UNKNOWN		
	(2) _____		_____ <input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 1 M 1 M 1 D 5 D 9 Y 0 Y		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> INVENTORY CONTROL <input checked="" type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS		
	DATE DISCHARGE BEGAN _____ <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input checked="" type="checkbox"/> CHANGE PROCEDURE		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO    IF YES, DATE 1 M 1 M 1 D 6 D 9 Y 0 Y		<input type="checkbox"/> OTHER _____		
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER _____		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER _____		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER (OT) Action to be determined pending results of site assessment				
COMMENTS	Verbal notification of intention to replace tanks was made by V. Gill of PG&E to S. Hugo of Alameda Co. on 12/14/90. Written notification including report of contamination sent 1/16/91. Former tanks were removed on 11/6/91 and replaced with 125 GALLON Econo-Guard II tanks set inside concrete vaults to provide tertiary containment. Subsequent analysis conducted on 6/3/92 indicated residual diesel contamination remaining in soil. Site assessment and work plan submitted to Alameda Co. on 8/28/92.				
	HSC 05 (11/89)				

Pacific Gas and Electric Company

Hunters Point/Potrero/  
Oakland Power Plants  
Steam Generation  
1000 Evans Avenue  
San Francisco, CA 94124  
415/695-2200

Kim A. Sloat  
Manager

September 14, 1992



Ms. Susan Hugo  
Alameda County Dept. of  
Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Subject: Oakland Power Plant

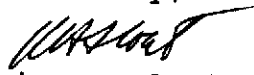
Dear Ms. Hugo:

Enclosed per your request, is a completed Unauthorized Leak Report for #2 and #3 Diesel Dump Tanks at Oakland Power Plant.

Based on your approval of our site investigation work plan, we are in the process of mobilizing contractors and equipment required to conduct the investigation. Sampling is anticipated to begin in three to four weeks. We will contact J. Eberle of your staff two business days prior to the actual boring and sampling date.

If you have any questions or require additional information, please contact Mr. Rex Bell at (415) 695-2205.

Sincerely,

  
Kim A. Sloat  
Plant Manager

cc: Rich Hiett  
RWQCB - S.F. Bay Region  
2101 Webster Street, Suite 500  
Oakland, CA 94612

RB:rb

64

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 2, 1992

STID 64

Kim Sloat  
PG&E Company  
1000 Evans Av.  
San Francisco CA 94124  
Attn: Rex Bell

DEPARTMENT OF ENVIRONMENTAL HEALTH  
State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, CA 94621  
(510) 271-4530

RE: Oakland Power Plant  
50 Martin Luther King Way  
Oakland CA 94607

Dear Mr. Bell,

We have received and reviewed the "Work Plan for Soil and Shallow Groundwater Investigation Surrounding the Diesel Dump Tanks" for the above referenced site, prepared by your Technical and Ecological Services Division, dated 8/26/92. This work plan was submitted under cover letter from Plant Manager Kim Sloat, along with copies of hazardous waste manifests for the disposal of a total of 77 cubic yards of soil.

As you are aware, the work plan proposes shallow soil and groundwater sampling in the vicinity of diesel dump tanks #2 and #3. This will help determine the lateral extent of contaminants in soil, and the lateral extent (and presence or absence of) contaminants in groundwater using a 2-inch hydraulic punch. We hereby approve this workplan for implementation according to your proposed schedule on page 16. Please notify J. Eberle of this office 2 business days ahead of scheduled borings and sampling.

Our file for this site is lacking an Unauthorized Leak Report (ULR). Please fill it out completely and return to us **within 5 days** of receipt of this letter. I have enclosed a ULR form for your convenience. If you have any questions, please contact J. Eberle at 510-271-4320.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Hugo".

Susan Hugo  
Senior Hazardous Materials Specialist

cc: Rich Hiatt, RWQCB  
File

je 64-A

Pacific Gas and Electric Company

Hunters Point/Potrero/  
Oakland Power Plants  
Steam Generation  
1000 Evans Avenue  
San Francisco, CA 94124  
415/695-2200

Kim A. Sloat  
Manager

92 AUG 28 11 07 AM

August 28, 1992



Ms. Susan Hugo  
Senior Hazardous Materials Specialist  
Alameda County Department  
of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621

STIP 64

Subject: Work Plan for Subsurface Soil and Groundwater Monitoring  
Investigation - Oakland Power Plant

Dear Ms. Hugo:

As per your letter dated July 17, 1992, enclosed is a Work Plan for subsurface investigation in connection with #2 and #3 diesel dump tanks at Oakland Power Plant. The plan is submitted under seal of a registered geologist and includes a proposal for soil borings, ground water sampling, and a schedule for implementation. Please note that with concurrence obtained from ~~Jenifer Estelle~~ of your staff on 8/4/92, the issue of ground water monitoring well installation will be addressed following the evaluation of data obtained in the subsurface investigation.

Also enclosed, as requested, are copies of hazardous waste manifests for the disposal of soils from the excavation of the former dump tanks.

If you have any questions regarding this matter, or require more information, please contact Mr. Rex Bell at (415) 695-2205.

Sincerely,

A handwritten signature in cursive script, appearing to read 'KASloat'.

Kim A. Sloat  
Plant Manager

cc (w/ enclosures): Mr. Rich Hiett  
RWQCB, San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland, CA 94612

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



State Water Resources Control Board  
Division of Clean Water Programs  
UST Local Oversight Program

RAFAT A. SHAHID, Assistant Agency Director

July 17, 1992

STID 64

Kim Sloat  
PG&E Company  
1000 Evans Av.  
San Francisco CA 94124  
Attn: Rex Bell

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

RE: Oakland Power Plant  
50 Martin Luther King Way  
Oakland CA 94607

Dear Mr. Bell,

We are in receipt of the report on confirmation soil sampling for the above referenced site, prepared by your Technical and Ecological Services division, dated June 1992, under cover letter from Kim Sloat, dated 7/1/92. Allow us to clarify the first paragraph on page one of this report. Alameda County did not **request** PG&E to conduct soil sampling. We **approved the proposal** by Valerie Gill of PG&E on 5/4/92, as per our letter dated 5/4/92 to Ms. Gill.

As you know, soil borings were completed in the vicinity of diesel dump tanks #2 and #3, and samples were collected on 6/3/92. Results indicate up to 3,800 ppm TPH-diesel in the vicinity of tank #2, and up to 2,900 ppm TPH-diesel in the vicinity of tank #3.

The cover letter dated 7/1/92 states that "we do not believe that the remaining levels of diesel in the soil present a significant threat to human health or the environment. For these reasons, PG&E requests that this project be considered complete." This letter was signed by Kim Sloat, the Plant Manager.

We do not concur with this conclusion. Since significant levels of contamination remain in the soil, we request a proposal to define the lateral and vertical extent of the soil contamination. We understand your concern that further soil excavation is not feasible. Subsequently, we request an alternative plan for soil remediation. Saturated soil was encountered at 7' below ground surface. It is likely that groundwater is present near this depth. For this reason, and also due to the significant levels of soil contamination, a groundwater investigation is required.

Therefore, we request that you submit a Work Plan for a subsurface investigation, including soil borings and groundwater monitoring wells, and a schedule for implementation, **within 45 days or by September 1, 1992.**



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

May 4, 1992

STID #64

PG&E Company  
1000 Evans Av.  
San Francisco CA 94124  
Attn: Valerie Gill

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Division  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(510) 271-4320

RE: Oakland Power Plant  
50 Martin Luther King Way  
Oakland CA 94607

Dear Ms. Gill,

The case file for the above referenced site has recently been reviewed by our staff. The case has been reassigned to Jennifer Eberle, Hazardous Materials Specialist. Please mail future correspondence to her attention.

On 12/5/91, we received the Tank Removal Report prepared by Robert Gils Associates, Inc. Laboratory analyses provided in this report indicate significant concentrations of TPH as diesel in soils sampled from beneath 3 diesel dump tanks. Specifically, Tank #2 had 4,901 ppm and 2,770 ppm TPH-d in underlying soils and stockpiled soils, respectively, from this excavation. Tank #3 had 7,999 ppm TPH-d in soils beneath the tank.

Steve Michell of Quamm Inc. indicated during a telephone conversation with Ms. Eberle on 4/29/92 that excavated soils were removed by Stamco and disposed at Kettleman TSDf. Please submit documentation of such removal and disposal.

You indicated during a telephone conversation with Ms. Eberle on 4/30/92 that new double-walled USTs were subsequently installed in the old vaults in the same excavations. Confirmatory soil samples were never taken to ensure that the contamination had been removed. However, you indicated that the tank pits were overexcavated to a depth of 7 feet below ground surface, and that this soil was removed and disposed, as per your contractor, Stamco.

On 5/4/92, you proposed to conduct soil borings at the bottom of the prior tank excavation in lieu of confirmatory soil samples. Therefore, we approve this proposal that soil samples be taken at 7' below ground surface.

Please notify our agency 3 days in advance of field activities so a Hazardous Materials Specialist may be on-site to observe.

DATE: 2/26/92  
TO : Local Oversight Program  
FROM: Juliet Shin  
SUBJ: Transfer of Eligible Oversight Case

Site name: PG & E  
Address: 50 Martin Luther King city Oakland zip 94607  
Closure plan attached?  Y N DepRef remaining \$ 667.67  
DepRef Project # 6097 STID #(if any) 64  
Number of Tanks: 3 removed?  Y N Date of removal 11/14/91  
Leak Report filed? Y  N Date of Discovery \_\_\_\_\_  
Samples received?  Y N Contamination: Soil  
Petroleum  Y N Types: Avgas Jet leaded unleaded Diesel  
fuel oil waste oil kerosene solvents  
Monitoring wells on site None Monitoring schedule? Y  N

Briefly describe the following:  
Preliminary Assessment Preliminary Soil Investigation 12/90  
Remedial Action NA  
Post Remedial Action Monitoring NA  
Enforcement Action NA

Comments: 3 70-gallon Diesel tanks were removed in November 1991. Soil samples collected prior to tank removal, in the area of these tanks identified TPH as diesel as high as 12,000 ppm. ~~7,999 ppm~~ Sampling results from the tank pulls are not in files. According to the RP, they have further plans for site assessment and investigations at the site, and have submitted a site safety plan for the work.

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID Number <b>CAT00064617</b>		2. Pages of 3 Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>PACIFIC GAS AND ELECTRIC CO. - OAKLAND P.P. 50 MARTIN LUTHER KING JR. WAY OAKLAND CA 94612</b>		4. Generator's Phone <b>415 695 2261</b>		A. State Manifest Document Number <b>80278317</b>	
5. Transporter 1 Company Name <b>STAMCO, INC.</b>		6. US EPA ID Number <b>CAD063547996</b>		B. State Generator ID <b>HYH056008798</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID <b>1111</b>	
9. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT 350 51 OLD SKYLINE ROAD RITTLEMAN CITY, CA</b>		10. US EPA ID Number <b>CAT00064617</b>		D. Transporter's Phone <b>800 321 1050</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <b>NON-ROCA HAZARDOUS WASTE, SOLID, SOIL AND HYDROCARBONS</b>		12. Containers Type <b>002CMOPP, 12CY</b>	13. Total Quantity	14. Unit Wt/Vol	Waste No. State <b>611</b> EPA/Other <b>NONROCA</b>
J. Additional Descriptions for Materials Listed Above <b>HA-SOIL CONTAMINATED WITH DIESEL FUEL, ERG #31.</b>		K. Handling Codes for Wastes Listed Above a. <b>03</b> b. c. d.			
15. Special Handling Instructions and Additional Information <b>WEAR PERSONAL PROTECTIVE CLOTHING AS NEEDED. PROFILE J13009 BIN # 53 24 HOUR PHONE 1800 332 AEMC</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>...</b>		Signature <i>[Signature]</i>		Month Day Year <b>10 13 92</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <b>John Jetton</b>		Signature <i>[Signature]</i>		Month Day Year <b>10 13 92</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space <b>Resolved w/ Melissa Johnson on 1/24/93 Incomplete quantity - Received 129 - 14,140 lb</b>					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <b>...</b>		Signature <i>[Signature]</i>		Month Day Year <b>10 13 92</b>	

Do Not Write Below This Line

**46337-13**

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAT08001167918117</b>		Manifest Document No. <b>90278317</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <b>PACIFIC GAS AND ELECTRIC CO. - OAKLAND P.P. 50 MARTIN LUTHER KING JR. WAY OAKLAND, CA 94612</b>				A. State Manifest Document Number <b>90278317</b>		B. State Generator's ID <b>HYH0360008798</b>							
4. Generator's Phone <b>415-695-2261</b>		6. US EPA ID Number <b>CAD063547996</b>		C. State Transporter's ID		D. Transporter's Phone <b>800-321-1030</b>							
5. Transporter 1 Company Name <b>STAMCO, INC.</b>		7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone					
9. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE ROAD RETTLEMAN CITY, CA 94588</b>				10. US EPA ID Number <b>CAT00064617</b>		G. State Facility's ID		H. Facility's Phone <b>800-322-2964</b>					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <b>NON-RCRA HAZARDOUS WASTE, SOLID, SOIL AND HYDROCARBONS</b>						12. Containers		13. Total Quantity		14. Unit Wt/Vol		Waste No.	
						Type							
b.												State	
c.												State	
d.												State	
1. Additional Descriptions for Materials Listed Above <b>NA-SOIL CONTAMINATED WITH DIESEL FUEL, ER 9 # 31.</b>						K. Handling Codes for Wastes Listed Above							
a.						b.							
c.						d.							
15. Special Handling Instructions and Additional Information <b>WEAR PERSONAL PROTECTIVE CLOTHING AS NEEDED. PROFILE J13009 BIN # 24 HOUR PHONE 1800 332 AEMC</b>													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name						Signature			Month Day Year				
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <b>John Jutton</b>						Signature <i>John Jutton</i>			Month Day Year <b>10/25/92</b>				
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name						Signature			Month Day Year				
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature			Month Day Year				

JAN 29 1992

**PG&E  
NOTIFICATION/CERTIFICATION FORM  
FOR STATE LAND DISPOSAL RESTRICTED WASTES**

This form is provided in accordance with the requirements of CCR Title 22, Chapter 30, Article 40, which restricts the land disposal of certain California hazardous wastes. I have marked the appropriate box (boxes A. through D.) below to indicate how my waste must be managed to conform to the State of California land disposal restrictions. A copy of all applicable treatment standards and waste analysis data, where available, has been previously sent to your facility.

**Instructions:**

- This notice is to be completed by PG&E personnel or an authorized representative for all hazardous wastes restricted from State land disposal.
- Step 1:** Enter the Approval/Profile number, the California Waste Code number(s), and the Uniform Hazardous Waste Manifest number of the waste shipment.
- Step 2:** Check the appropriate box in the table below to indicate the applicable non-RCRA hazardous waste listing from 22 CCR Section 67702.
- Step 3:** Check the appropriate box below (A, B, C, or D). Include your signature, title, and date of shipment at the bottom of the form.
- Step 4:** Attach this form with the hazardous waste manifest and send to the Recycling, Treatment or Disposal facility, and keep a copy for your records.

Approval No./Profile No. J13009 00010  
 Manifest Number of Waste Shipment 90270317  
 California Waste Code No(s). 011

**COMPLETE THIS TABLE FOR NON-RCRA, CALIFORNIA REGULATED HAZARDOUS WASTES ONLY**

Line Item	Check Here	Restricted Waste Description	Reference CCR Title 22
1		Metal-containing aqueous waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(1)
2		Wastes containing polychlorinated biphenyls (PCBs).	67702(b)(2)
3		(Pending)	
4		(Pending)	
5		(Pending)	
6		(Pending)	
7		Metal-containing solid waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(7)
8		(Pending)	
9		(Pending)	
10		Aqueous and liquid organic wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846</i> , Third Edition.	67702(b)(10)
11	X	Solid hazardous wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846</i> , Third Edition.	

- A. RESTRICTED WASTE REQUIRES TREATMENT**  
 I am the generator of the waste identified above which must be treated to meet the applicable treatment standards set forth in CCR Title 22, Chapter 30, Article 41 prior to land disposal.
- B. RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS**  
*"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with performance levels specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*
- C. RESTRICTED WASTE SUBJECT TO A VARIANCE**  
 The waste identified above is subject to a capacity variance which expires on May 8, 1992
- D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT**  
*"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: Melissa Johnson Title: Hazardous Waste Coord Date: 1-23-92

Profile J13009

FEB 24 1992  
 3569

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL FIRE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAT08001167919311		2. Manifest Document No. 1167919311		3. Page of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address PACIFIC GAS AND ELECTRIC CO.-OPP 50 MARTIN LUTHER KING JR. WAY OAKLAND CA 94607						A. State Manifest Number 90278312									
4. Generator's Phone 415-695-2261						B. State Generator's ID HYHR36008798									
5. Transporter 1 Company Name Stanco, Inc.						C. State Transporter's ID 10124/LF1315									
6. US EPA ID Number CAD06354799L						D. Transporter's Phone 800-321-1030									
7. Transporter 2 Company Name						E. State Transporter's ID									
8. US EPA ID Number						F. Transporter's Phone									
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT 35251 OLD SKY KETTLEMAN CITY, CA 93239						G. State Facility's ID CAD06354799L									
10. US EPA ID Number CAT000646117						H. Facility's Phone 800-222-3904									
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.			
a. NON-RCRA HAZARDOUS WASTE SOLID, (SOIL AND HYDROCARBONS)						No. Type		Quantity		Wt/Vol		State 611 EPA/Other NON-RCRA			
b.												State			
c.												EPA/Other			
d.												State			
e.												EPA/Other			
f.												State			
g.												EPA/Other			
J. Additional Descriptions for Materials Listed Above IIA SOIL CONTAMINATED WITH DIESEL FUEL. ERG # 31 BIN # 210124 BIN # 210159						K. Handling Codes for Wastes Listed Above a. 03 b. c. d.									
15. Special Handling Instructions and Additional Information Wear personal protective clothing as needed, Profile J13009. 24-hour phone 1800-332-AEMC.															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name						Signature						Month Day Year			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Carlos Mayana						Signature [Signature]		Month Day Year 10/12/92	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name						Signature		Month Day Year	
19. Discrepancy Indication Space [Handwritten note: Resolved w/ Melissa Johnson 1/28/93]															
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name						Signature						Month Day Year			

Do Not Write Below This Line

4639/03

JAN 29 1992

Profile J13009

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL F  
 DENSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7560

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAT08001116797831P		Manifest Document No. 12		2. Page 1 of 1		Information in this field is not required.	
3. Generator's Name and Mailing Address PACIFIC GAS AND ELECTRIC CO.-OPP 50 MARTIN LUTHER KING JR. WAY 4. Generator's Phone (415) 695-2261 OAKLAND CA 94607						A. State Manifest Document ID 90278312			
5. Transporter 1 Company Name Stanco Inc						B. State Generator's ID HYHR36008790			
6. US EPA ID Number CAD06354799L						C. State Transporter's ID			
7. Transporter 2 Company Name						D. Transporter's Phone 8003211050			
8. US EPA ID Number						E. State Transporter's ID			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT 35051 OLD SKY KETTLEMAN CITY, CA 95239						G. State Facility's ID			
10. US EPA ID Number CAT000646117						H. Facility's Phone 800 222 2967			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
NON-PCRA HAZARDOUS WASTE SOLID, (SOIL AND HYDROCARBONS)								002CM00020CY NATURA	
J. Additional Descriptions for Materials Listed Above IIA-SOIL CONTAMINATED WITH DIESEL FUEL. ERG # 31 BIN # BIN #					K. Handling Codes for Wastes Listed Above a. b. c. d.				
15. Special Handling Instructions and Additional Information Wear personal protective clothing as needed. Profile J13009. 24-hour phone 1800332AEMC.									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name				Signature			Month Day Year		
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature			Month Day Year 12/16/79		
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature			Month Day Year		
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature			Month Day Year		

GENERATOR  
 TRANSPORTER  
 FACILITY

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS

29 1992

PG&E  
NOTIFICATION/CERTIFICATION FORM  
FOR STATE LAND DISPOSAL RESTRICTED WASTES

This form is provided in accordance with the requirements of CCR Title 22, Chapter 30, Article 40, which restricts the land disposal of certain California hazardous wastes. I have marked the appropriate box (boxes A. through D.) below to indicate how my waste must be managed to conform to the State of California land disposal restrictions. A copy of all applicable treatment standards and waste analysis data, where available, has been previously sent to your facility.

Instructions:

This notice is to be completed by PG&E personnel or an authorized representative for all hazardous wastes restricted from State land disposal.

Step 1: Enter the Approval/Profile number, the California Waste Code number(s), and the Uniform Hazardous Waste Manifest number of the waste shipment.

Step 2: Check the appropriate box in the table below to indicate the applicable non-RCRA hazardous waste listing from 22 CCR Section 67702.

Step 3: Check the appropriate box below (A, B, C, or D). Include your signature, title, and date of shipment at the bottom of the form.

Step 4: Attach this form with the hazardous waste manifest and send to the Recycling, Treatment or Disposal facility, and keep a copy for your records.

Approval No./Profile No. J13009  
Manifest Number of Waste Shipment 90278312  
California Waste Code No(s). 611

COMPLETE THIS TABLE FOR NON-RCRA, CALIFORNIA REGULATED HAZARDOUS WASTES ONLY

Line Item	Check Here	Restricted Waste Description	Reference CCR Title 22
1		Metal-containing aqueous waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(1)
2		Wastes containing polychlorinated biphenyls (PCBs).	67702(b)(2)
3		(Pending)	
4		(Pending)	
5		(Pending)	
6		(Pending)	
7		Metal-containing solid waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(7)
8		(Pending)	
9		(Pending)	
10		Aqueous and liquid organic wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846</i> , Third Edition.	67702(b)(10)
11	X	Solid hazardous wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846</i> , Third Edition.	

A. RESTRICTED WASTE REQUIRES TREATMENT  
I am the generator of the waste identified above which must be treated to meet the applicable treatment standards set forth in CCR Title 22, Chapter 30, Article 41 prior to land disposal.

B. RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS  
"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with performance levels specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

C. RESTRICTED WASTE SUBJECT TO A VARIANCE  
The waste identified above is subject to a capacity variance which expires on May 8, 1992.

D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT  
"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Melissa Johnson Title Hazardous Waste Coord Date 1-27-92



FEB 12 1992

DULIOJ004

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>PACIFIC GAS AND ELECTRIC CO. OAK P.P. 50 MARTIN LUTHER KING, JR WAY</b>		CAT080014679783164		A. State Manifest Document Number <b>90278364</b>	
4. Generator's Phone <b>415 695-2261</b>		OAKLAND, CA 93239		B. State Generator's ID <b>HYHD36008798</b>	
5. Transporter 1 Company Name <b>Samco, Inc.</b>		6. US EPA ID Number <b>CAD063547996</b>		D. Transporter's Phone <b>800-321-1030</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA</b>		10. US EPA ID Number <b>CAT0006461117</b>		G. State Facility's ID <b>CAT0006461117</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. <b>NON RCRA HAZARDOUS WASTE, SOLID SOIL AND HYDROCARBONS</b>					State <b>011</b> EPA/Other <b>NON RCRA</b> State
b.					EPA/Other
c.					State
d.					EPA/Other
J. Additional Descriptions for Materials Listed Above <b>HA-SOIL CONTAMINATED WITH DIESEL FUEL, ERG # 31</b>		K. Handling Codes for Wastes Listed Above a. <b>03</b> b. c. d.			
15. Special Handling Instructions and Additional Information <b>WEAR PERSONAL PROTECTIVE CLOTHING AS NEEDED. BIN # PROFILE J13009 24 HOUR PHONE 1800-332-AEMC</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>DICKS</b>		Signature <i>[Signature]</i>		Month Day Year <b>10/12/91</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <b>DAVE GREGG</b>		Signature <i>[Signature]</i>		Month Day Year <b>10/12/91</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name <b>Ernest Aculeta</b>		Signature <i>[Signature]</i>		Month Day Year <b>NOV 14 1992</b>	

70210304

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8602; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA100B00116797B164</b>		Manifest Document No. <b>30278364</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address <b>PACIFIC GAS AND ELECTRIC CO. OAK P.P. 50 MARTIN LUTHER KING JR WAY OAKLAND, CA 94612</b>				A. State Manifest Document Number <b>30278364</b>		B. State Generator's ID <b>HYHD36008798</b>				
4. Generator's Phone <b>415 769 2201</b>				6. US EPA ID Number <b>CA100B00116797B164</b>		C. State Transporter's ID <b>8003211030</b>				
5. Transporter 1 Company Name <b>Stamps Inc.</b>				8. US EPA ID Number <b>CA10063547996</b>		D. Transporter's Phone <b>8003211030</b>				
7. Transporter 2 Company Name				E. State Transporter's ID		F. Transporter's Phone				
9. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE ROAD RETTLEMAN CITY, CA</b>				10. US EPA ID Number <b>CA1000646117</b>		G. State Facility's ID				
						H. Facility's Phone <b>800-222-2964</b>				
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
a. <b>NON RCRA HAZARDOUS WASTE, SOLID SOIL AND HYDROCARBONS</b>						001 CM000100	CY			State <b>011</b>
										EPA/Other <b>NON RCRA</b>
										State
										EPA/Other
c.										State
d.										State
J. Additional Descriptions for Materials Listed Above <b>11A-SOIL CONTAMINATED WITH DIESEL FUEL, ERG #31</b>						K. Handling Codes for Wastes Listed Above				
						a.		b.		
						c.		d.		
15. Special Handling Instructions and Additional Information <b>WEAR PERSONAL PROTECTIVE CLOTHING AS NEEDED. BIN # PROFILE J13009 24 HOUR PHONE 1800-332-AEMC</b>										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name				Signature				Month Day Year		
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name				Signature				Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed/Typed Name				Signature				Month Day Year		
19. Discrepancy Indication Space										
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name				Signature				Month Day Year		

IAN 29 1992

PG&E  
NOTIFICATION/CERTIFICATION FORM  
FOR STATE LAND DISPOSAL RESTRICTED WASTES

This form is provided in accordance with the requirements of CCR Title 22, Chapter 30, Article 40, which restricts the land disposal of certain California hazardous wastes. I have marked the appropriate box (boxes A. through D.) below to indicate how my waste must be managed to conform to the State of California land disposal restrictions. A copy of all applicable treatment standards and waste analysis data, where available, has been previously sent to your facility.

**Instructions:**

This notice is to be completed by PG&E personnel or an authorized representative for all hazardous wastes restricted from State land disposal.

Step 1: Enter the Approval/Profile number, the California Waste Code number(s), and the Uniform Hazardous Waste Manifest number of the waste shipment.

Step 2: Check the appropriate box in the table below to indicate the applicable non-RCRA hazardous waste listing from 22 CCR Section 67702.

Step 3: Check the appropriate box below (A, B, C, or D). Include your signature, title, and date of shipment at the bottom of the form.

Step 4: Attach this form with the hazardous waste manifest and send to the Recycling, Treatment or Disposal facility, and keep a copy for your records.

Approval No./Profile No. J13009  
Manifest Number of Waste Shipment 90578364  
California Waste Code No(s). 611

COMPLETE THIS TABLE FOR NON-RCRA, CALIFORNIA REGULATED HAZARDOUS WASTES ONLY

Line Item	Check Here	Restricted Waste Description	Reference CCR Title 22
1		Metal-containing aqueous waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(1)
2		Wastes containing polychlorinated biphenyls (PCBs).	67702(b)(2)
3		(Pending)	
4		(Pending)	
5		(Pending)	
6		(Pending)	
7		Metal-containing solid waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(7)
8		(Pending)	
9		(Pending)	
10		Aqueous and liquid organic wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, Third Edition.</i>	67702(b)(10)
11	X	Solid hazardous wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, Third Edition.</i>	

A. **RESTRICTED WASTE REQUIRES TREATMENT**  
I am the generator of the waste identified above which must be treated to meet the applicable treatment standards set forth in CCR Title 22, Chapter 30, Article 41 prior to land disposal.

B. **RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS**  
*"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with performance levels specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*

C. **RESTRICTED WASTE SUBJECT TO A VARIANCE**  
The waste identified above is subject to a capacity variance which expires on May 8, 1992

D. **RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT**  
*"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature D.A. Dickson Title P.D.O. Date 1-23-92

Please print or type. (Form designed for use on an 11x17 2-pitch typewriter).

FEB 12 1992

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

CTC0170A

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. <b>CAT00060167</b>	Manifest Document No. <b>777777</b>	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>50 MARTIN LUTHER KING JR WAY OAKLAND CA 94607</b>		A. State Manifest Document Number <b>90278313</b>	
4. Generator's Phone <b>(415) 695-2261</b>		B. State Generator's ID	
5. Transporter 1 Company Name <b>STAMEO</b>	6. US EPA ID Number <b>CAD00635717996</b>	C. State Transporter's ID <b>210127-23343</b>	
7. Transporter 2 Company Name		D. Transporter's Phone <b>800-759-4211</b>	
8. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address <b>CHEMICAL WASTE MANAGEMENT INC. 25251 OLD SKYLINE RD. MARTIN CITY CA 93279</b>		G. State Facility's ID <b>CAT000606117</b>	
10. US EPA ID Number <b>CAT000606117</b>		H. Facility's Phone <b>800-222-2964</b>	

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
				State	EPA/Other
a. <b>NON-RCRA HAZARDOUS WASTE SOLID (SOIL AND HYDROCARBONS)</b>	<b>0102CM000157</b>			<b>811</b>	<b>NON-RCRA</b>
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above <b>DIRT CONTAMINATED WITH DIESEL FUEL AND OIL. BIN #5065 BIN #20</b>	K. Handling Codes for Wastes Listed Above a. <b>03</b>	b.	c.	d.
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15. Special Handling Instructions and Additional Information  
**USE PROTECTIVE EQUIPMENT SUCH AS GLOVES, GOGGLES, RESPIRATOR.  
FAMRSKEY PHONE #1-800-332-ARMC**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name <b>GARY BUSHNELL</b>	Signature <i>Gary Bushnell</i>	Month Day Year <b>01/20/92</b>
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17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name <b>CARLOS MAGANA</b>	Signature <i>Carlos Magana</i>	Month Day Year <b>01/20/92</b>
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18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
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19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name <b>Wayne Cooney</b>	Signature <i>Wayne Cooney</i>	Month Day Year <b>01/20/92</b>
---	----------------------------------	-----------------------------------

Do Not Write Below This Line

**21623505**

YELLOW SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

W. J. KAY & SONS, INC.  
 1101 W. 11th St.  
 Chico, CA 95926

A. State Manifest Document Number

90273313

B. State Generator's ID

4. Generator's Phone

(916) 897-2261

C. State Transporter's ID

10127-23373

D. Transporter's Phone

(916) 771-4211

5. Transporter 1 Company Name

TACO

6. US EPA ID Number

CA0000011777

E. State Transporter's ID

F. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHICAGO WASTE RECOVERY CENTER  
 3525 OLD SKYLINE RD.  
 HUNTSVILLE, CA 93278

10. US EPA ID Number

CA0000011777

G. State Facility's ID

H. Facility's Phone

800-222-2964

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. NON-FLAMMABLE HAZARDOUS WASTE SOLID  
 (SOLUBLE HYDROCARBONS)

12. Containers  
 No. Type

002CM000157

13. Total Quantity

14. Unit Wt/Vol

I. Waste No.

State  
 611  
 EPA/Other  
 NON-FLAMMABLE

State

EPA/Other

State

EPA/Other

State

EPA/Other

J. Additional Descriptions for Materials Listed Above  
 DIRT CONTAMINATED WITH  
 DIESEL FUEL AND OIL. PROP# J13009  
 BIN # 5065  
 BIN # 20

K. Handling Codes for Wastes Listed Above

a. b. c. d.

15. Special Handling Instructions and Additional Information  
 USE PROTECTIVE EQUIPMENT SUCH AS GLOVES, GOGGLES, RESPIRATOR.  
 EHS # 31

BAKERSFIELD PHONE # 1-800-332-ARMC

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name:  
 Gary Bushnell

Signature:  
 Gary Bushnell

Month Day Year  
 01/18/92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name:  
 Carlos Magaña

Signature:  
 Carlos Magaña

Month Day Year  
 01/20/92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL HAZARDOUS WASTE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-862-7550

GENERATOR

FACILITY

JAN 20 1992

**NOTIFICATION/CERTIFICATION FORM  
FOR STATE LAND DISPOSAL RESTRICTED WASTES**

This form is provided in accordance with the requirements of CCR Title 22, Chapter 30, Article 40, which restricts the land disposal of certain California hazardous wastes. I have marked the appropriate box (boxes A. through D.) below to indicate how my waste must be managed to conform to the State of California land disposal restrictions. A copy of all applicable treatment standards and waste analysis data, where available, has been previously sent to your facility.

**Instructions:**

- This notice is to be completed by PG&E personnel or an authorized representative for all hazardous wastes restricted from State land disposal.
- Step 1:** Enter the Approval/Profile number, the California Waste Code number(s), and the Uniform Hazardous Waste Manifest number of the waste shipment.
- Step 2:** Check the appropriate box in the table below to indicate the applicable non-RCRA hazardous waste listing from 22 CCR Section 67702.
- Step 3:** Check the appropriate box below (A, B, C, or D). Include your signature, title, and date of shipment at the bottom of the form.
- Step 4:** Attach this form with the hazardous waste manifest and send to the Recycling, Treatment or Disposal facility, and keep a copy for your records.

Approval No./Profile No. J13609  
 Manifest Number of Waste Shipment 90278313  
 California Waste Code No(s). 611

**COMPLETE THIS TABLE FOR NON-RCRA, CALIFORNIA REGULATED HAZARDOUS WASTES ONLY**

Line Item	Check Here	Restricted Waste Description	Reference CCR Title 22
1		Metal-containing aqueous waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(1)
2		Wastes containing polychlorinated biphenyls (PCBs).	67702(b)(2)
3		(Pending)	
4		(Pending)	
5		(Pending)	
6		(Pending)	
7		Metal-containing solid waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(7)
8		(Pending)	
9		(Pending)	
10		Aqueous and liquid organic wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846</i> , Third Edition.	67702(b)(10)
11	<input checked="" type="checkbox"/>	Solid hazardous wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846</i> , Third Edition.	

- A. RESTRICTED WASTE REQUIRES TREATMENT**  
 I am the generator of the waste identified above which must be treated to meet the applicable treatment standards set forth in CCR Title 22, Chapter 30, Article 41 prior to land disposal.
- B. RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS**  
*"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with performance levels specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*
- C. RESTRICTED WASTE SUBJECT TO A VARIANCE**  
 The waste identified above is subject to a capacity variance which expires on MAY 8, 1992
- D. RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT**  
*"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature Gay Ruben Title Tech Date 1-20-91

Please print or type. (Form designed for use on a 12-pitch typewriter).

JAN 29 1992

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
		CATA081001167971813114		71813114					
3. Generator's Name and Mailing Address		4. Generator's Phone		6. US EPA ID Number		A. State Manifest Document Number		B. State Generator's ID	
PACIFIC GAS AND ELECTRIC CO. - DPP 50 MARTIN LUTHER KING JR WAY		415 695 2261		OAKLAND, CA 94607		90278314		HYHQ36-008798	
5. Transporter 1 Company Name		7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
STAMCO, INC				KAD00035479916		2022133316		800 381 1030	
9. Designated Facility Name and Site Address		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone			
CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE ROAD KETTLEMAN CITY, CA 93239		EAT000646117		CAT000646117		800 222 2964			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. NON-RCRA HAZARDOUS WASTE SOLID, SOIL AND HYDROCARBONS				002 CM 0000 CY				State: 611 EPA/Other: ADRRKA	
b.								State: _____ EPA/Other: _____	
c.								State: _____ EPA/Other: _____	
d.								State: _____ EPA/Other: _____	
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above					
IIA - SOIL CONTAMINATED WITH DIESEL FUEL (70-12,000 PPM) ER6 # 31				a. 03		b.		c. d.	
15. Special Handling Instructions and Additional Information									
USE PERSONAL PROTECTIVE CLOTHING AS NEEDED PROFILE J13009 24 HOUR PHONE 1800 332 AEMC									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name		Signature		Month		Day		Year	
MELISSA L JOHNSON		<i>Melissa Johnson</i>		01		11		92	
Printed/Typed Name		Signature		Month		Day		Year	
DAVE GREGG		<i>Dave Gregg</i>		10		11		92	
Printed/Typed Name		Signature		Month		Day		Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19									
Printed/Typed Name		Signature		Month		Day		Year	
Ernest J. ...		<i>Ernest J. ...</i>		01		11		92	

Do Not Write Below This Line

Yellow: TSDf SENDS THIS TO GENERATOR WITHIN 30 DAYS

*Bill ...*

JAN 20 1992

Please print or type. (Form designed for use on a 12-pitch typewriter).

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. CA1111111111111111	Manifest Document No. 1111111111111111	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PACIFIC GAS AND ELECTRIC CO. - OFF 50 MARTIN LUTHER KING JR BLVD		A. State Manifest Document Number 90278314	
4. Generator's Phone (415) 695-2201 OAKLAND, CA 94607		B. State Generator's ID HYH036-1208798	
5. Transporter 1 Company Name STAMPO, INC	6. US EPA ID Number CA1111111111111111	C. State Transporter's ID 1111111111111111	
7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone 800 3811030	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT 35251 OLD SKYLINE ROAD KETTLEMAN CITY CA 94523		E. State Transporter's ID	
10. US EPA ID Number CA1111111111111111		F. Transporter's Phone	
		G. State Facility's ID CA1111111111111111	
		H. Facility's Phone 800 322 2964	

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	
				State	EPA/Other
a. NON-RCRA HAZARDOUS WASTE SOLID, SOIL AND HYDROCARBONS BIN-23478	0001	MOODOLCY		6111	NON-RCRA
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above IIA - SOIL CONTAMINATED WITH DIESEL FUEL (70-12,000 PPM) ER6 FI 31	K. Handling Codes for Wastes Listed Above	
	a.	b.
	c.	d.

15. Special Handling Instructions and Additional Information  
 USE PERSONAL PROTECTIVE CLOTHING AS NEEDED  
 PROFILE J13009 24 HOUR PHONE 1800 332 AEMC

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name MELISSA L JOHNSON	Signature <i>Melissa L Johnson</i>	Month Day Year 01/17/92
17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name DAVE GREEN	Signature <i>Dave Green</i>	Month Day Year 10/11/1992
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month Day Year
--------------------	-----------	----------------

Do Not Write Below This Line

YELLOW: GENERATOR RETAINS



JAN 20 1992

PG&E  
NOTIFICATION/CERTIFICATION FORM  
FOR STATE LAND DISPOSAL RESTRICTED WASTES

This form is provided in accordance with the requirements of CCR Title 22, Chapter 30, Article 40, which restricts the land disposal of certain California hazardous wastes. I have marked the appropriate box (boxes A. through D.) below to indicate how my waste must be managed to conform to the State of California land disposal restrictions. A copy of all applicable treatment standards and waste analysis data, where available, has been previously sent to your facility.

**Instructions:**  
This notice is to be completed by PG&E personnel or an authorized representative for all hazardous wastes restricted from State land disposal.  
Step 1: Enter the Approval/Profile number, the California Waste Code number(s), and the Uniform Hazardous Waste Manifest number of the waste shipment.  
Step 2: Check the appropriate box in the table below to indicate the applicable non-RCRA hazardous waste listing from 22 CCR Section 67702.  
Step 3: Check the appropriate box below (A, B, C, or D). Include your signature, title, and date of shipment at the bottom of the form.  
Step 4: Attach this form with the hazardous waste manifest and send to the Recycling, Treatment or Disposal facility, and keep a copy for your records.

Approval No./Profile No. J/3009  
Manifest Number of Waste Shipment 90218314  
California Waste Code No(s). 611

COMPLETE THIS TABLE FOR NON-RCRA, CALIFORNIA REGULATED HAZARDOUS WASTES ONLY

Line Item	Check Here	Restricted Waste Description	Reference CCR Title 22
1		Metal-containing aqueous waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(1)
2		Wastes containing polychlorinated biphenyls (PCBs).	67702(b)(2)
3		(Pending)	
4		(Pending)	
5		(Pending)	
6		(Pending)	
7		Metal-containing solid waste that contains any of the metals or metal compounds identified in 22 CCR 66699(b).	67702(b)(7)
8		(Pending)	
9		(Pending)	
10		Aqueous and liquid organic wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, Third Edition.</i>	67702(b)(10)
11	X	Solid hazardous wastes that contain any organic compound measured by EPA Test Methods 8080, 8140, 8150, 8240, and 8270 described in <i>Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, Third Edition.</i>	

- A. **RESTRICTED WASTE REQUIRES TREATMENT**  
I am the generator of the waste identified above which must be treated to meet the applicable treatment standards set forth in CCR Title 22, Chapter 30, Article 41 prior to land disposal.
- B. **RESTRICTED WASTE TREATED TO PERFORMANCE STANDARDS**  
*"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with performance levels specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*
- C. **RESTRICTED WASTE SUBJECT TO A VARIANCE**  
The waste identified above is subject to a capacity variance which expires on May 8, 1992.
- D. **RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT**  
*"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in CCR Title 22, Chapter 30, Article 41, without dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."*

I hereby certify that all information submitted in this and all associated documents is complete and accurate, to the best of my knowledge and information.  
Signature Melissa Johnson Title Hazardous Waste Coord. Date 1-17-92

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7272

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA10B3001167977661		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address PACIFIC GAS AND ELECTRIC COMPANY/OAKLAND POWER PLANT 50 MARTIN LUTHER KING JR. DRIVE, OAKLAND, CA 94607											
4. Generator's Phone (415) 695-2261											
5. Transporter 1 Company Name STANCO, INC.					6. US EPA ID Number CA10063547996						
7. Transporter 2 Company Name											
8. US EPA ID Number											
9. Designated Facility Name and Site Address GIBSON OIL COMMERCIAL DRIVE BAKERSFIELD, CA 93308											
10. US EPA ID Number CA0980885177											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol		
						No.	Type				
a. NON RCRA HAZARDOUS WASTE, LIQUID (OIL, WATER AND DIESEL FUEL)						001	TT	EST 04600	G		
b.											
c.											
d.											
15. Special Handling Instructions and Additional Information Wear personal protective clothing and equipment as needed when handling. 24 Hour Phone: 1-800-321-1030 Mr. and Mrs. ERG# 31											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Melissa Johnson				Signature <i>Melissa Johnson</i>		Month 12		Day 1		Year 1592	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name John Jetton				Signature <i>John Jetton</i>		Month 12		Day 1		Year 1592	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month		Day		Year	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name				Signature		Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

MD

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. Manifest Document No.

2. Page 1

Information in the shaded areas is not required by Federal law.

C A T O 8 0 0 1 1 6 7 9 7 7 6 7 5

of 1

3. Generator's Name and Mailing Address

PACIFIC GAS AND ELECTRIC COMPANY/OAKLAND POWER PLANT  
 50 MARTIN LUTHER KING JR. WAY, OAKLAND, CA 94607

4. Generator's Phone (415) 695-2261 attn: Melissa Johnson

5. Transporter 1 Company Name

STANCO, INC.

6. US EPA ID Number

C A D 0 6 3 5 4 7 9 9 6

~~American Environmental Inc.~~

~~C A D 0 9 3 4 4 8 9 1 8~~

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT

35251 OLD SKYLINE ROAD

KETTLEMAN CITY, CA 93239

10. US EPA ID Number

C A T O 0 0 6 4 6 1 1 7

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers  
 No. Type

13. Total  
 Quantity

14. Unit  
 Wt/Vol

a. NON RCRA HAZARDOUS WASTE, SOLID  
 (SOIL CONTAINING DIESEL FUEL)

0 0 1

D M

0 0 4 3 0

P

b.

c.

d.

15. Special Handling Instructions and Additional Information

wear personal protective clothing when handling.  
 24 hour emergency phone (800) 337-2226 321-1030

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Printed/Typed Name

Melissa L. Johnson

Signature

*Melissa Johnson*

Month Day Year

11 10 31 92

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

*[Signature]*

Signature

Month Day Year

11 10 31 92

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #206  
Oakland, CA 94621  
(415) 271-4320

## Hazardous Materials Division Inspection Form

Site ID# \_\_\_\_\_ Site Name PG+E Today's Date 11/14/91  
 Site Address 50 MLK EPA ID# \_\_\_\_\_  
 City Oakland Zip 94607 Phone \_\_\_\_\_

MAX Amt. Stored > 500lbs/55g/200cf?  Y  N  
 Hazardous Waste generated per month?  
 \_\_\_\_\_

**Inspection Categories:**

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

		Comments:
<b>I.A GENERATOR (Title 22)</b>		<p><u>manifest #91507311</u></p> <hr/> <p><u>3 70 gallon Diesel tanks removed</u></p> <hr/> <p><u>No obvious holes observed</u></p> <hr/> <p><u>No water in excavation</u></p> <hr/> <p><u>3 soil samples collected, one from under each tank at ~ 5'</u></p> <hr/> <p><u>1 composite of each spoils pile to be collected</u></p> <hr/> <p><u>Analysis requested</u></p> <p><u>TPH - Diesel + BTX+E</u></p>
<ul style="list-style-type: none"> <li><input type="checkbox"/> 1. Waste ID 66471</li> <li><input type="checkbox"/> 2. EPA ID 66472</li> <li><input type="checkbox"/> 3. &gt; 90 days 66508</li> <li><input type="checkbox"/> 4. Label dates 66508</li> <li><input type="checkbox"/> 5. Biennial 66493</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 6. Records 66492</li> <li><input type="checkbox"/> 7. Correct 66484</li> <li><input type="checkbox"/> 8. Copy sent 66492</li> <li><input type="checkbox"/> 9. Exception 66484</li> <li><input type="checkbox"/> 10. Copies Rec'd 66492</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 11. Treatment 66371</li> <li><input type="checkbox"/> 12. On-site Disp. (H.S.&amp;C.) 26189.5</li> <li><input type="checkbox"/> 13. Ex Haz. Waste 66570</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 14. Communications 67121</li> <li><input type="checkbox"/> 15. Aisle Space 67124</li> <li><input type="checkbox"/> 16. Local Authority 67126</li> <li><input type="checkbox"/> 17. Maintenance 67120</li> <li><input type="checkbox"/> 18. Training 67105</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 19. Prepared 67140</li> <li><input type="checkbox"/> 20. Name List 67141</li> <li><input type="checkbox"/> 21. Copies 67141</li> <li><input type="checkbox"/> 22. Emg. Coord. Trng. 67144</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 23. Condition 67241</li> <li><input type="checkbox"/> 24. Compatibility 67242</li> <li><input type="checkbox"/> 25. Maintenance 67243</li> <li><input type="checkbox"/> 26. Inspection 67244</li> <li><input type="checkbox"/> 27. Buffer Zone 67246</li> <li><input type="checkbox"/> 28. Tank Inspection 67259</li> <li><input type="checkbox"/> 29. Containment 67245</li> <li><input type="checkbox"/> 30. Safe Storage 67261</li> <li><input type="checkbox"/> 31. Freeboard 67257</li> </ul>		
<b>I.B TRANSPORTER (Title 22)</b>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 32. Applic./Insurance 66428</li> <li><input type="checkbox"/> 33. Comp. Cert./CHP Insp. 66448</li> <li><input type="checkbox"/> 34. Containers 66465</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 35. Vehicles 66465</li> <li><input type="checkbox"/> 36. EPA ID #s 66531</li> <li><input type="checkbox"/> 37. Correct 66541</li> <li><input type="checkbox"/> 38. HW Delivery 66543</li> <li><input type="checkbox"/> 39. Records 66544</li> </ul>		
<ul style="list-style-type: none"> <li><input type="checkbox"/> 40. Name/ Covers 66545</li> <li><input type="checkbox"/> 41. Recyclables 66800</li> </ul>		

Rev 6/88

Contact: \_\_\_\_\_

Title: \_\_\_\_\_ Inspector: \_\_\_\_\_

Signature: \_\_\_\_\_ Signature: [Signature]

91 OCT 17 11:10

October 16, 1991



Ms. Susan Hugo  
Alameda County Health Services  
Environmental Health Division  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Ms. Hugo:

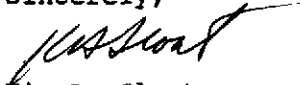
We wish to update you on the status of the removal and replacement of our underground diesel oil tanks at Oakland Power Plant. The project contractor, Quamm Environmental, has submitted the "Underground Tank Closure Plan" form to you as per your request. Once the necessary permits have been obtained, removal of the three existing 75 gallon tanks will begin.

Prior to installation of the new tanks, contaminated soil associated with tank leakage identified in our "Preliminary Soil Investigation Report" dated December 1990, shall be removed where feasible. Subsequent sampling and analysis will be performed to characterize the remaining soil. Soil shall be left in place where its removal would endanger the foundational stability of structures critical to the generation of electricity.

Oakland Power Plant is located on land once associated with a historical gas manufacturing plant. Sampling and analysis of groundwater around Tanks 1, 2, and 3 performed in May of 1991 indicate the presence of compounds consistent with historical contamination of the site (see attachment "Shallow Groundwater Investigation Report for PG&E's Oakland Power Plant"). The issue of groundwater contamination will be further studied in our Preliminary Endangerment Assessment of the site in association with the historic gas manufacturing plant.

We will notify you in writing as to the actual tank removal start date pending permit approval. If you have any questions or require additional information, please contact Mr. Rex Bell, Environmental Coordinator at (415) 695-2619.

Sincerely,



Kim A. Sloat  
Plant Manager

RBell:dms

cc: California Regional Water Quality  
Control Board - San Francisco  
Bay Region  
2101 Webster St.  
Suite 500  
Oakland, CA 94612  
Attn: Martin Musonge

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
 DEPARTMENT OF ENVIRONMENTAL HEALTH  
 HAZARDOUS MATERIALS DIVISION  
 80 SWAN WAY, ROOM 200  
 OAKLAND, CA 94621  
 PHONE NO. 415/271-4320

Project Specialist (print) Devin Byrne

12/15/91  
 52 R

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH  
 470 - 27th Street, Third Floor  
 Oakland, CA 94612  
 Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and generally meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now reviewed for issuance of any required permits for construction.

One copy of these approved plans must be on the job site available to all contracting and craftsmen involved with the project.

For a complete listing of these plans and specifications, please refer to the enclosed and to the file and to the Health Care Services Agency. If you have any questions regarding the requirements of State and local laws, please refer to the Department of Health Care Services, Hazardous Materials Division.

\_\_\_\_\_ Approval of Tank and Piping  
 \_\_\_\_\_ Sealing  
 \_\_\_\_\_ Final Inspection

Compliance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THIS IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

**UNDERGROUND TANK CLOSURE PLAN**

**\* \* \* Complete according to attached instructions \* \* \***

1. Business Name P. G. & E. Oakland Power Plant  
 Business Owner Pacific Gas & Electric Company
  2. Site Address 50 Martin Luther King Way  
 City Oakland, CA Zip 94607 Phone 695-2271
  3. Mailing Address Mr. Sam Grossman, P. G. & E. Co., 1000 Evans Ave.  
 City San Francisco, CA Zip 94124 Phone 695-2267
  4. Land Owner same  
 Address \_\_\_\_\_ City, State \_\_\_\_\_ Zip \_\_\_\_\_
  5. Generator name under which tank will be manifested P. G. & E.
- EPA I.D. No. under which tank will be manifested CAT 080011679

6. Contractor TOM DANIELS EXCAVATING, INC.  
Address P. O. Box 335  
City Danville, CA 94526-0335 Phone (415) 820-3558  
License Type A,C21,HAZ ID# 447475 94-2784023

7. Consultant RGA, INC.  
Address 1260 45th STREET,  
City EMERYVILLE Phone (510) 547 - 7771

8. Contact Person for Investigation

Name CHRIS NWABUZO Title PROJECT GEOLOGIST (REA)  
Phone (510) 547 - 7771

9. Number of tanks being closed under this plan 3 underground tanks  
Length of piping being removed under this plan 50' approx.  
Total number of tanks at facility 9

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**\*\* Underground tanks are hazardous waste and must be handled \*\*  
as hazardous waste**

a) Product/Residual Sludge/Rinsate Transporter

Name H & H Environmental Services EPA I.D. No. CAD004-771-168  
Hauler License No. 0334 License Exp. Date 1/31/92  
Address 220 China Basin  
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H & H Environmental Services EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



c) Tank and Piping Transporter

Name H & H Environmental Services EPA I.D. No. CAD004-771-168  
Hauler License No. 0334 License Exp. Date 1/31/92  
Address 220 China Basin  
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Environmental Services EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

11. Experienced Sample Collector

Name CHRIS NWABUZO  
Company RGA, INC.  
Address 1260 45th STREET  
City EMERYVILLE State CA Zip 94608 Phone (510) 547-7771

12. Laboratory

Name BC ANALYTICAL  
Address 1255 POWELL STREET  
City EMERYVILLE State CA Zip 94608  
State Certification No. 104

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ]

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank inert

Dry Ice - un Fire Dept. regulation

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
3 = 70 gal.	diesel fuel	soil/ground water if present	soil under tank & piping (per 20') No deeper than 2' below tank bottom.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

**Excavated/Stockpiled So**

<b>Stockpiled Soil Volume (Estimated)</b>	<b>Sampling Plan</b>
---	----------------------

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
diesel	TPH BTX&E            8020 or 8240	GCFID	1.0ppm (soil) .005ppm(soil)

(water)  
50.0ppm  
.5ppm

17. Submit Site Health and Safety Plan (See Instructions)

Name of Insurer CNA Casualty of California

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (See Instructions)
- 21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)
- 22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) TOM DANIELS EXCAVATING, INC.  
 Signature *Thomas A. Daniels* Thomas A. Daniels, Pres.  
 Date 9/18/91

Signature of Site Owner or Operator

Name (please type) Jay Nightingale  
 Signature *Jay Nightingale*  
 Date 10-3-91

# ACORD CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

9/18/91

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

## COMPANIES AFFORDING COVERAGE

COMPANY LETTER **A** TRANSCONTINENTAL INSURANCE COMPANY.  
 COMPANY LETTER **B** TRANSPORTATION INSURANCE COMPANY  
 COMPANY LETTER **C** CNA CASUALTY OF CALIFORNIA  
 COMPANY LETTER **D**  
 COMPANY LETTER **E**

PRODUCER  
 R & R INSURANCE BROKERS, INC.  
 313 LENNON LANE  
 WALNUT CREEK, CA 94598

INSURED  
 TOM DANIELS EXCAVATING, INC.  
 P.O. BOX 335  
 DANVILLE, CA 94526

## COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO TR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY				GENERAL AGGREGATE \$1,000,000
A X	COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR.	GL900280969	6/30/91	6/30/92	PRODUCTS-COMP/OP AGG. \$1,000,000
X	OWNER'S & CONTRACTOR'S PROT.				PERSONAL & ADV. INJURY \$1,000,000
					EACH OCCURRENCE \$1,000,000
					FIRE DAMAGE (Any one fire) \$ 50,000
					MED. EXPENSE (Any one person) \$ 5,000
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT \$ 1,000,000
B X	ANY AUTO	BUA200280970	6/30/91	6/30/92	BODILY INJURY (Per person) \$
	ALL OWNED AUTOS				BODILY INJURY (Per accident) \$
	SCHEDULED AUTOS				PROPERTY DAMAGE \$
X	HIRED AUTOS				EACH OCCURRENCE \$
X	NON-OWNED AUTOS				AGGREGATE \$
	GARAGE LIABILITY				
	EXCESS LIABILITY				STATUTORY LIMITS
	UMBRELLA FORM				EACH ACCIDENT \$2,000,000
	OTHER THAN UMBRELLA FORM				DISEASE-POLICY LIMIT \$2,000,000
C	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WC406944271	4/1/91	4/1/92	DISEASE-EACH EMPLOYEE \$2,000,000

OTHER

## DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

RE: ALL CALIFORNIA OPERATIONS OF THE NAMED INSURED.

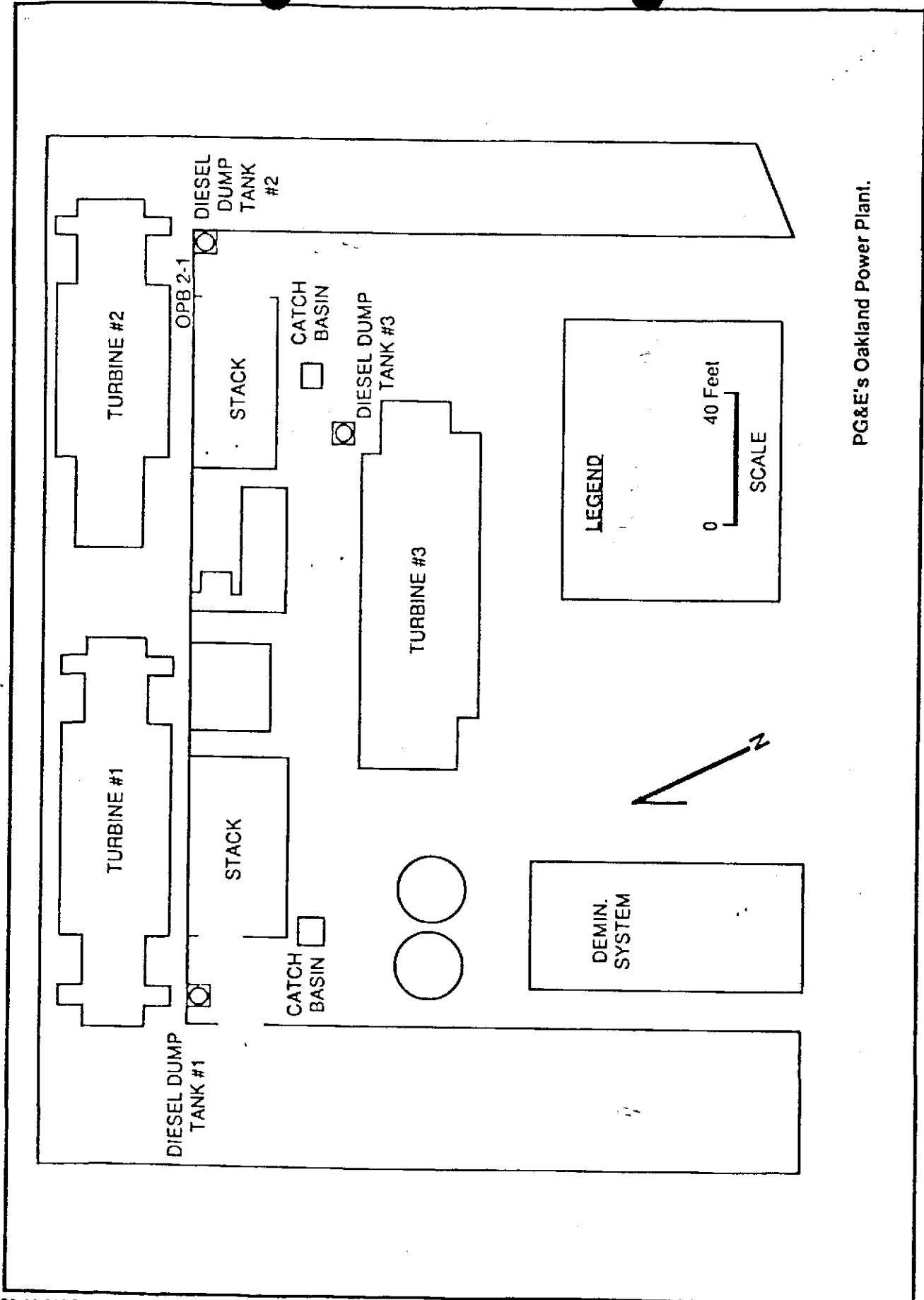
## CERTIFICATE HOLDER

Alameda County Health Care Services  
 Dept. of Environmental Health  
 Hazardous Materials Division  
 80 Swan Way, Room 200  
 Oakland, CA 94621

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



PG&E's Oakland Power Plant.



# BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET  
SAN FRANCISCO, CALIFORNIA 94109  
(415) 771-6000

## REGULATION 8, RULE 40 Aeration of Contaminated Soil and Removal of Underground Storage Tanks

### NOTIFICATION FORM

- Removal or Replacement of Tanks.
- Excavation of Contaminated Soil

### SITE INFORMATION

SITE ADDRESS 50 Martin Luther King Way

CITY, STATE, ZIP Oakland, CA 94607

OWNER NAME Pacific Gas & Electric Company

SPECIFIC LOCATION OF PROJECT Oakland Power Plant

<p><b>TANK REMOVAL</b></p> <p>SCHEDULED STARTUP DATE _____</p> <p>VAPORS REMOVED BY:</p> <p><input type="checkbox"/> WATER WASH</p> <p><input checked="" type="checkbox"/> VAPOR FREEING (CO<sup>2</sup>)</p> <p><input type="checkbox"/> VENTILATION</p>	<p><b>CONTAMINATED SOIL EXCAVATION</b></p> <p>SCHEDULED STARTUP DATE _____</p> <p>STOCKPILES WILL BE COVERED? YES _____ NO _____</p> <p>ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):</p> <p>_____</p> <p style="text-align: center;">(MAY REQUIRE PERMIT)</p>
---	---

### CONTRACTOR INFORMATION

NAME Tom Daniels Excavating, Inc. CONTACT Betty Castro

ADDRESS P. O. Box 335 PHONE ( 510 ) 820-3558

CITY, STATE, ZIP Danville, CA 94526

### CONSULTANT INFORMATION (IF APPLICABLE)

NAME RGA, INC. CONTACT CHRIS NWABUZO

ADDRESS 1260 45th STREET PHONE ( 510 ) 547-7771

CITY, STATE, ZIP EMERYVILLE, CA 94608

### FOR OFFICE USE ONLY

DATE RECEIVED \_\_\_\_\_ BY \_\_\_\_\_ (INIT.)

CC: INSPECTOR NO. \_\_\_\_\_ DATE \_\_\_\_\_ BY \_\_\_\_\_ (INIT.)

TELEPHONE UPDATE: CALLER \_\_\_\_\_ CHANGE MADE \_\_\_\_\_

BAAQMD N # \_\_\_\_\_

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
PHONE NO. 415/271-4320

Project Specialist (print)

UNDERGROUND TANK CLOSURE PLAN

\* \* \* Complete according to attached instructions \* \* \*

1. Business Name P. G. & E. Oakland Power Plant  
Business Owner Pacific Gas & Electric Company
  2. Site Address 50 Martin Luther King Way  
City Oakland, CA Zip 94607 Phone 695-2271
  3. Mailing Address Mr. Sam Grossman, P. G. & E. Co., 100 Evans Ave.  
City San Francisco, CA Zip 94124 Phone 695-2267
  4. Land Owner same  
Address \_\_\_\_\_ City, State \_\_\_\_\_ Zip \_\_\_\_\_
  5. Generator name under which tank will be manifested P. G. & E.
- \_\_\_\_\_
- EPA I.D. No. under which tank will be manifested CAT 080011679



6. Contractor TOM DANIELS EXCAVATING, INC.  
Address P. O. Box 335  
City Danville, CA 94526-0335 Phone (415) 820-3558  
License Type A,C21,HAZ ID# 447475 94-2784023

7. Consultant RG&A, INC.  
Address 1260 45th STREET.  
City EMERYVILLE Phone (510) 547 - 7771

8. Contact Person for Investigation  
Name CHRIS NWABUZO Title PROJECT GEOLOGIST (REA)  
Phone (510) 547 - 7771

9. Number of tanks being closed under this plan 3 underground tanks  
Length of piping being removed under this plan 50' approx.  
Total number of tanks at facility 9

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**\*\* Underground tanks are hazardous waste and must be handled \*\*  
as hazardous waste**

a) Product/Residual Sludge/Rinsate Transporter

Name H & H Environmental Services EPA I.D. No. CAD004-771-168  
Hauler License No. 0334 License Exp. Date 1/31/92  
Address 220 China Basin  
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H & H Environmental Services EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

c) Tank and Piping Transporter

Name H & H Environmental Services EPA I.D. No. CAD004-771-168  
Hauler License No. 0334 License Exp. Date 1/31/92  
Address 220 China Basin  
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Environmental Services EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

11. Experienced Sample Collector

Name CHRIS NWABUZOH  
Company RGA, INC.  
Address 1260 45th STREET  
City EMERYVILLE State CA Zip 94608 Phone (510) 547-7771

12. Laboratory

Name BC ANALYTICAL  
Address 1255 POWELL STREET  
City EMERYVILLE State CA Zip 94608  
State Certification No. \_\_\_\_\_

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ]

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank inert

Dry Ice - under Fire Dept. regulation

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
3 = 70 gal.	diesel fuel	soil/ground water if present	soil under tank & piping (per 20') No deeper than 2' below tank bottom.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
diesel	TPH BTX&E 8020 or 8240	GCFID	1.0ppm (soil) .005ppm(soil)

(water)  
50.0ppb  
.5ppb

17. Submit Site Health and Safety Plan (See Instructions)

- 19. Submit Plot Plan (See Instructions)
- 20. Enclose Deposit (See Instructions)
- 21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)
- 22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) TOM DANIELS EXCAVATING, INC.

Signature *Thomas A. Daniels* Thomas A. Daniels, Pres.

Date 9/18/91

Signature of Site Owner or Operator

Name (please type) \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

# ACORD CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)  
9/18/91

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

PRODUCER  
R & R INSURANCE BROKERS, INC.  
313 LENNON LANE  
WALNUT CREEK, CA 94598

## COMPANIES AFFORDING COVERAGE

- COMPANY LETTER **A** TRANSCONTINENTAL INSURANCE COMPANY.
- COMPANY LETTER **B** TRANSPORTATION INSURANCE COMPANY
- COMPANY LETTER **C** CNA CASUALTY OF CALIFORNIA
- COMPANY LETTER **D**
- COMPANY LETTER **E**

INSURED  
TOM DANIELS EXCAVATING, INC.  
P.O. BOX 335  
DANVILLE, CA 94526

**COVERAGES**  
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A X	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR. X OWNER'S & CONTRACTOR'S PROT.	GL900280969	6/30/91	6/30/92	GENERAL AGGREGATE \$1,000,000 PRODUCTS-COMP/OP AGG. \$1,000,000 PERSONAL & ADV. INJURY \$1,000,000 EACH OCCURRENCE \$1,000,000 FIRE DAMAGE (Any one fire) \$ 50,000 MED. EXPENSE (Any one person) \$ 5,000
B X	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS GARAGE LIABILITY	BUA200280970	6/30/91	6/30/92	COMBINED SINGLE LIMIT \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	EXCESS LIABILITY UMBRELLA FORM OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$
C	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WC406944271	4/1/91	4/1/92	STATUTORY LIMITS EACH ACCIDENT \$2,000,000 DISEASE-POLICY LIMIT \$2,000,000 DISEASE-EACH EMPLOYEE \$2,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS  
RE: ALL CALIFORNIA OPERATIONS OF THE NAMED INSURED.

**CERTIFICATE HOLDER**  
Alameda County Health Care Services  
Dept. of Environmental Health  
Hazardous Materials Division  
80 Swan Way, Room 200  
Oakland, CA 94621

**CANCELLATION**  
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE  


CITY OF OAKLAND  
FIRE MARSHAL'S OFFICE  
ROOM 201, CITY HALL  
OAKLAND, CALIFORNIA 94612  
273-3851

Permit No.	_____
Copies to	_____
Date issued	_____

# APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

IN THE CITY OF OAKLAND

Date 9/19/91

Application is hereby made for permit to remove diesel gasoline tank and excavate, commencing four feet inside the curb line repair fuel oil inside the property line

on the \_\_\_\_\_ side of \_\_\_\_\_ St. Ave. \_\_\_\_\_ feet \_\_\_\_\_ of \_\_\_\_\_ St. Ave.

House No. 50 Martin Luther King Way Street Avenue Present storage diesel fuel

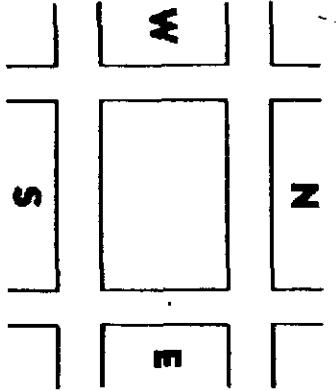
Owner P. G. & E. CO. Address 100 Evans Ave. S. E. Phone 695-2267

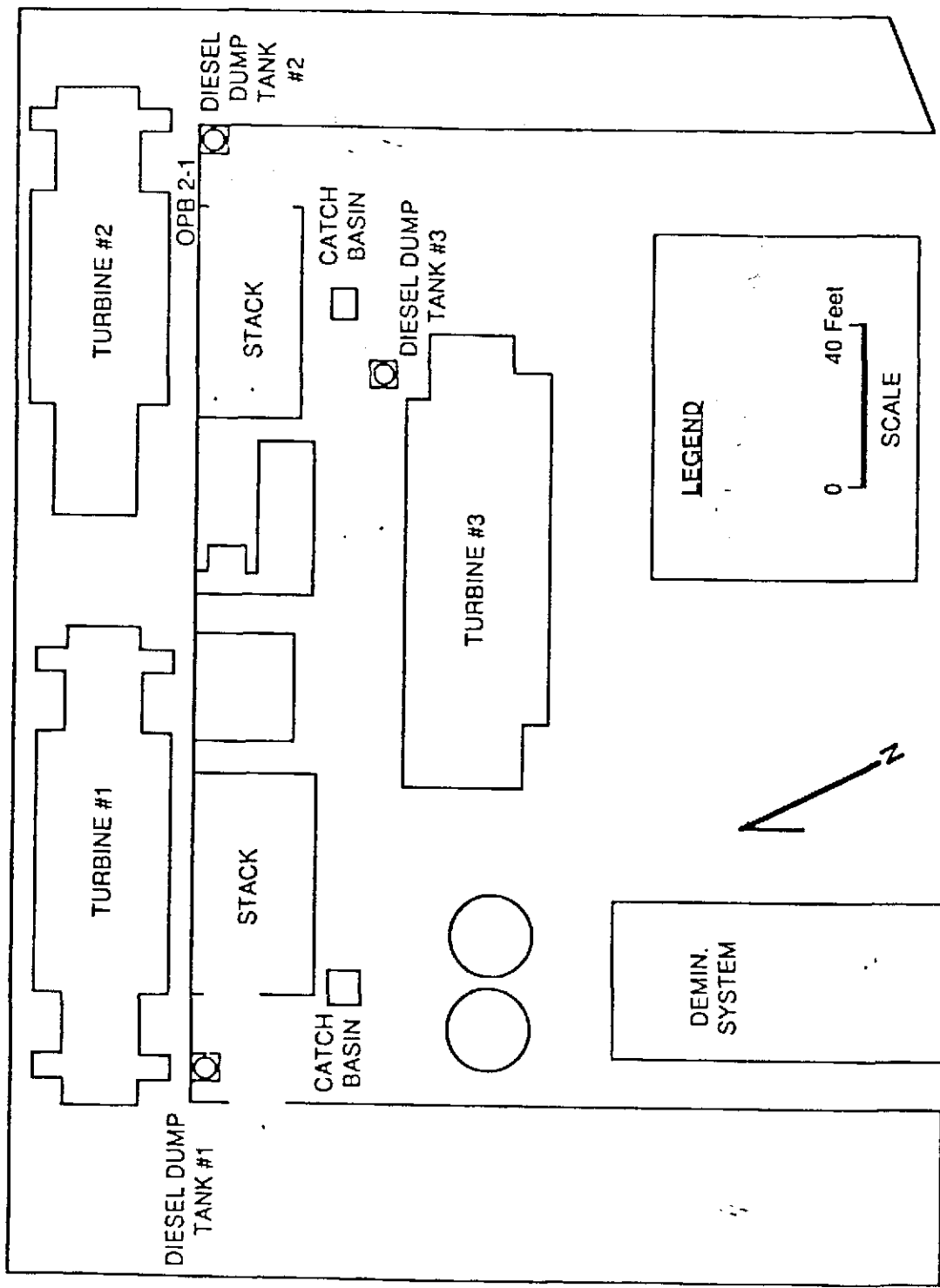
Applicant Tom Daniels Excavating In Address P. O. Box 335 Danville Phone 820-3558

Remarks 3 underground tanks and 6 above ground tanks

Sidewalk surface to be disturbed X Number of Tanks 9 Capacity 70 Gallons each

Signature Thomas G. Daniels





PG&E's Oakland Power Plant.





# BAY AREA AIR QUALITY MANAGEMENT DISTRICT

939 ELLIS STREET  
SAN FRANCISCO, CALIFORNIA 94109  
(415) 771-6000

## REGULATION 8, RULE 40 Aeration of Contaminated Soil and Removal of Underground Storage Tanks

### NOTIFICATION FORM

- Removal or Replacement of Tanks,
- Excavation of Contaminated Soil

### SITE INFORMATION

SITE ADDRESS <u>50 Martin Luther King Way</u>	
CITY, STATE, ZIP <u>Oakland, CA 94607</u>	
OWNER NAME <u>Pacific Gas &amp; Electric Company</u>	
SPECIFIC LOCATION OF PROJECT <u>Oakland Power Plant</u>	
<b><u>TANK REMOVAL</u></b>	<b><u>CONTAMINATED SOIL EXCAVATION</u></b>
SCHEDULED STARTUP DATE _____	SCHEDULED STARTUP DATE _____
VAPORS REMOVED BY:	STOCKPILES WILL BE COVERED? YES _____ NO _____
<input type="checkbox"/> WATER WASH	ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
<input checked="" type="checkbox"/> VAPOR FREEING (CO <sup>2</sup> )	_____
<input type="checkbox"/> VENTILATION	(MAY REQUIRE PERMIT)

### CONTRACTOR INFORMATION

NAME <u>Tom Daniels Excavating, Inc.</u>	CONTACT <u>Betty Castro</u>
ADDRESS <u>P. O. Box 335</u>	PHONE ( <u>510</u> ) <u>820-3558</u>
CITY, STATE, ZIP <u>Danville, CA 94526</u>	

### CONSULTANT INFORMATION (IF APPLICABLE)

NAME <u>RGA, INC.</u>	CONTACT <u>CHRIS NWABUZOH</u>
ADDRESS <u>1260 45th STREET</u>	PHONE ( <u>510</u> ) <u>547-7771</u>
CITY, STATE, ZIP <u>EMERYVILLE, CA 94608</u>	

### FOR OFFICE USE ONLY

DATE RECEIVED _____	BY _____
CC: INSPECTOR NO. _____	DATE _____ (INIT.)
	BY _____ (INIT.)
TELEPHONE UPDATE: CALLER _____	CHANGE MADE _____
BAAQMD N # _____	_____

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS DIVISION  
80 SWAN WAY, ROOM 200  
OAKLAND, CA 94621  
PHONE NO. 415/271-4320

Project Specialist (print)

UNDERGROUND TANK CLOSURE PLAN

\* \* \* Complete according to attached instructions \* \* \*

1. Business Name P. G. & E. Oakland Power Plant  
Business Owner Pacific Gas & Electric Company
2. Site Address 50 Martin Luther King Way  
City Oakland, CA Zip 94607 Phone 695-2271
3. Mailing Address Mr. Sam Grossman, P. G. & E. Co., 100 Evans Ave.  
City San Francisco, CA Zip 94124 Phone 695-2267
4. Land Owner same  
Address \_\_\_\_\_ City, State \_\_\_\_\_ Zip \_\_\_\_\_
5. Generator name under which tank will be manifested P. G. & E.

EPA I.D. No. under which tank will be manifested CAT 080011679

6. Contractor TOM DANIELS EXCAVATING, INC.  
Address P. O. Box 335  
City Danville, CA 94526-0335 Phone (415) 820-3558  
License Type A,C21,HAZ ID# 447475 94-2784023

7. Consultant RGA, INC.  
Address 1260 45th STREET.  
City EMERYVILLE Phone (510) 547 - 7771

8. Contact Person for Investigation  
Name CHRIS NWABUZH Title PROJECT GEOLOGIST (REA)  
Phone (510) 547 - 7771

9. Number of tanks being closed under this plan 3 underground tanks  
Length of piping being removed under this plan 50' approx.  
Total number of tanks at facility 9

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**\*\* Underground tanks are hazardous waste and must be handled \*\*  
as hazardous waste**

a) Product/Residual Sludge/Rinsate Transporter

Name H & H Environmental Services EPA I.D. No. CAD004-771-168  
Hauler License No. 0334 License Exp. Date 1/31/92  
Address 220 China Basin  
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name H & H Environmental Services EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

c) Tank and Piping Transporter

Name H & H Environmental Services EPA I.D. No. CAD004-771-168  
Hauler License No. 0334 License Exp. Date 1/31/92  
Address 220 China Basin  
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Environmental Services EPA I.D. No. \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

11. Experienced Sample Collector

Name CHRIS NWABUZO  
Company RGA, INC.  
Address 1260 45th STREET  
City EMERYVILLE State CA Zip 94608 Phone (510) 547-7771

12. Laboratory

Name BC ANALYTICAL  
Address 1255 POWELL STREET  
City EMERYVILLE State CA Zip 94608  
State Certification No. \_\_\_\_\_

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ]

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

14. Describe methods to be used for rendering tank inert

Dry Ice - und Fire Dept. regulation

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
3 = 70 gal.	diesel fuel	soil/ground water if present	soil under tank & piping (per 20') No deeper than 2' below tank bottom.

One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
diesel	TPH BTX&E            8020 or 8240	GCFID	1.0ppm (soil) .005ppm(soil)

(water)  
50.0ppm  
.5ppm

17. Submit Site Health and Safety Plan (See Instructions)

Name of Insurer CNA Casualty of California

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

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Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Name (please type) TOM DANIELS EXCAVATING, INC.

Signature *Thomas A. Daniels* Thomas A. Daniels, Pres.

Date 9/18/91

Signature of Site Owner or Operator

Name (please type) \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

# ACORD. CERTIFICATE OF INSURANCE

ISSUE DATE (MM/DD/YY)

9/18/91

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

## COMPANIES AFFORDING COVERAGE

COMPANY LETTER **A** TRANSCONTINENTAL INSURANCE COMPANY.  
 COMPANY LETTER **B** TRANSPORTATION INSURANCE COMPANY  
 COMPANY LETTER **C** CNA CASUALTY OF CALIFORNIA  
 COMPANY LETTER **D**  
 COMPANY LETTER **E**

PRODUCER  
 R & R INSURANCE BROKERS, INC.  
 313 LENNON LANE  
 WALNUT CREEK, CA 94598

INSURED  
 TOM DANIELS EXCAVATING, INC.  
 P.O. BOX 335  
 DANVILLE, CA 94526

**COVERAGES**  
 THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO TR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS MADE <input checked="" type="checkbox"/> OCCUR. <input checked="" type="checkbox"/> OWNER'S & CONTRACTOR'S PROT.	GL900280969	6/30/91	6/30/92	GENERAL AGGREGATE \$1,000,000 PRODUCTS-COMP/OP AGG. \$1,000,000 PERSONAL & ADV. INJURY \$1,000,000 EACH OCCURRENCE \$1,000,000 FIRE DAMAGE (Any one fire) \$ 50,000 MED. EXPENSE (Any one person) \$ 5,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/> GARAGE LIABILITY	BUA200280970	6/30/91	6/30/92	COMBINED SINGLE LIMIT \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$ EACH OCCURRENCE \$ AGGREGATE \$
C	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY	WC406944271	4/1/91	4/1/92	STATUTORY LIMITS EACH ACCIDENT \$2,000,000 DISEASE-POLICY LIMIT \$2,000,000 DISEASE-EACH EMPLOYEE \$2,000,000

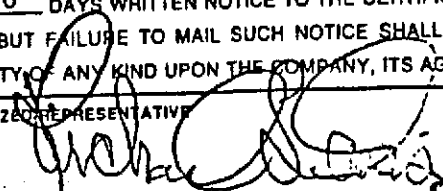
OTHER

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS  
 RE: ALL CALIFORNIA OPERATIONS OF THE NAMED INSURED.

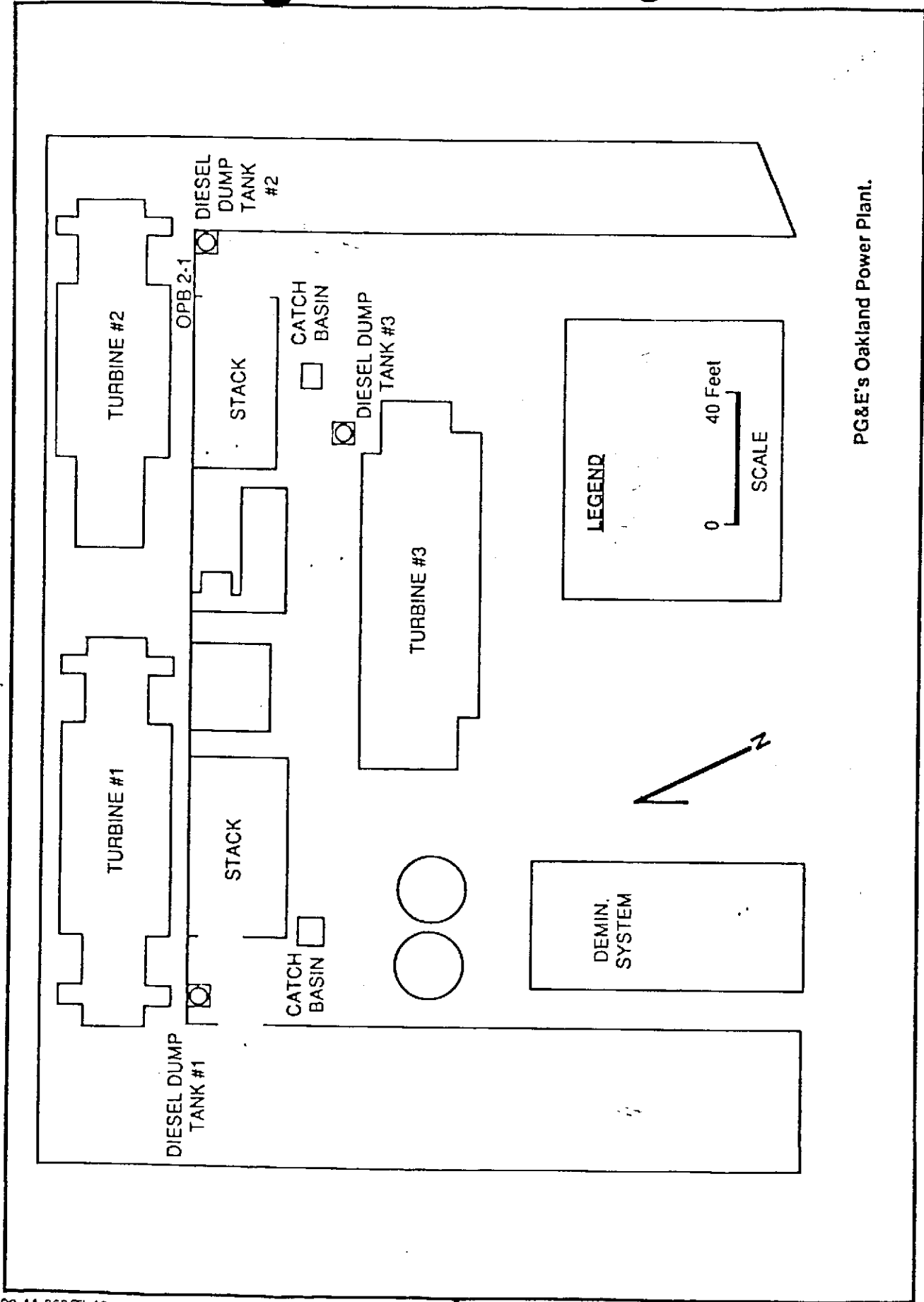
**CERTIFICATE HOLDER**  
 Alameda County Health Care Services  
 Dept. of Environmental Health  
 Hazardous Materials Division  
 80 Swan Way, Room 200  
 Oakland, CA 94621

**CANCELLATION**  
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE







PG&E's Oakland Power Plant.

Pacific Gas and Electric Company

Hunters Point/Potrero/  
Oakland Power Plants  
Steam Generation  
1000 Evans Avenue  
San Francisco, CA 94124  
415-895-2200

Kim A. Sloat  
Manager

91  
January 16, 1990



Ms. Susan Hugo  
Alameda County Health Services  
Environmental Health Division  
Hazardous Materials Section  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Ms. Hugo

Subject: Pacific Gas and Electric Company, Oakland Power  
*50 Martin Luther King Way 94607*

CITY OF OAKLAND  
FIRE MARSHAL'S OFFICE  
ROOM 201, CITY HALL  
OAKLAND, CALIFORNIA 94612  
273-3851

Permit No.	_____
Copies to	_____
Date Issued	_____

### APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

IN THE CITY OF OAKLAND

Date 9/19/91

Application is hereby made for permit to remove diesel gasoline tank and excavate, commencing four feet inside the curb line inside the property line  
install fuel oil  
repair

on the \_\_\_\_\_ side of \_\_\_\_\_ St. Ave. \_\_\_\_\_ feet of \_\_\_\_\_ St. Ave.

House No. \_\_\_\_\_ Street \_\_\_\_\_  
and Street 50 Martin Luther King Way Avenue Present storage diesel fuel

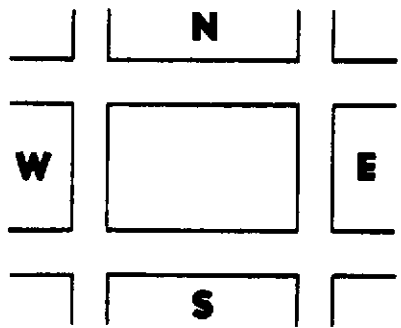
Owner P. G. & E. Co. Address 100 Evans Ave., S. E. Phone 695-2267

Applicant Tom Daniels Excavating, Inc Address P. O. Box 335, Danville Phone 820 3558

Remarks 3 underground tanks and 6 above ground tanks

Sidewalk surface to be disturbed X Number of Tanks 9 Capacity 70 Gallons each

Signature Tom Daniels



the removal portion of the project and application will be made to the Oakland Fire Department for the necessary aboveground tank permits.

Attachment II is the "Preliminary Soil Investigation Report for the PG&E Oakland Power Plant Diesel Oil Tanks." I wish to apologize for the unavoidable delay in submitting this soil report. As noted in Brown and Caldwell Analytical Laboratory's letter (Attachment III) we did not receive the final analytical results until early December.

If you have any questions or requests for additional information, please contact Valarie J. Gill, Environmental Coordinator at (415) 695-2205.

Sincerely,



Kim A. Sloat  
Plant Manager

VJGill:alr

Attachments

bcc: (w/out Attachments)

JKRandolph/FWStrehlitz  
JWBusterud  
JLButterfield  
JAFusco/SYu  
DFRunkle  
MLyons  
MEWalneuski

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Kim A. Sloat  
Plant Manager

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