



**Pacific Gas and  
Electric Company**

**James R. Becker**  
Vice President - Diablo Canyon  
Operations and Station Director

Diablo Canyon Power Plant  
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PG&E Letter DCL-2007-543

Certified/Return Receipt  
# 7007-0220-0004-6735-9509

August 30, 2007

Department of Toxic Substances Control (DTSC)  
Office of Pollution Prevention and Technology Development  
P.O. Box 806  
Sacramento, CA 95812-0806

Attn: Summary Progress Report / Source Reduction Unit

Submittal of SB14 Quadrennial Summary Progress Report (SPR), DTSC Form 1262, for Pacific Gas and Electric Company (PG&E) Diablo Canyon Power Plant (DCPP) EPA I.D.# CAD077966349

As required by Title 22 California Code of Regulations (CCR) Sections 67100.1 through 67100.14, and the California Health and Safety Code Sections 25244.12 through 25244.24, DCPP is submitting the SPR for reporting year 2006 (Attachment I). The SPR and other required SB14 facility documents were prepared in accordance with the requirements of Title 22 CCR, the California Health and Safety Code, and DTSC's Hazardous Waste Source Reduction and Management Review Act of 1989 Guidance Manual, December 2006 Edition.

If you have any questions or concerns regarding the enclosed report, or require additional information, please contact Bryan Cunningham of my staff at (805) 545-4439.

Sincerely,



James R. Becker  
Vice-President - Diablo Canyon Operations and Station Director

2007543/bkc/kmo

Attachment

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DTSC - Office of Pollution Prevention and Technology Development  
August 30, 2007  
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cc w/o attachment:

Mr. Essam Eissa  
Hazardous Substances Scientist  
California Environmental Protection Agency  
Department of Toxic Substances Control (DTSC)  
Statewide Compliance Division  
700 Heinz Avenue, Suite 200  
Berkeley, California 94710

Mr. William Veile  
Hazardous Substances Engineer  
California Environmental Protection Agency  
Department of Toxic Substances Control (DTSC)  
Northern California Permits and Corrective Action Division  
8800 Cal Center Drive  
Sacramento, California 95826-3200

cc w/attachment:

Curtis A. Batson, Director \*  
Division of Environmental Health  
Department of Public Health  
County of San Luis Obispo  
2191 Johnson Avenue  
P.O. Box 1489  
San Luis Obispo, CA 93406  
Attention: Jeff Poel

\* Letter with Attachment, copies of DCPD SB14 Quadrennial  
Review and Plan, and Quadrennial Performance Report Available  
for Public Review.

Delivery Confirmation Receipt For C. Batson DEH, Co. of SLO # 0304-0370-0001-0481-7862
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Bcc w/attachment:           BKCunningham \*           (DCPP 104/5/534)  
                                  BCHinds \*               (DCPP 104/5/517)  
                                  TDRebel \*               (DCPP 104/5/4A)  
                                  Environmental Central Files   (DCPP 104/5/1-A/B)

\* Circulate one copy with distribution as follows:  
  BCHinds, TDRebel, BKCunningham

S:\enveng\correspondence\outgoing\2007 docs\2007 complete\DCL2007543.doc

Supporting Data and Documents in Electronic Format Located @:  
s:\enveng\categories\_by\_media\hazwaste\SB14\2007 (2006 Data) SB14 Documents/  
DCPP SPR Excel Format Forms (2006).xls

August 30, 2007

DCL-2007-543

# **Attachment I**

Diablo Canyon Power Plant (DCPP)  
EPA ID CAD 077 966 349

**SB-14 Quadrennial Summary Progress Report (SPR)**  
**DTSC Form 1262**  
(6-Pages)

**2006 Reporting Year**

## SUMMARY PROGRESS REPORT

**TABLE 1: GENERAL INFORMATION**DATE: 30-Aug-07

A hazardous waste generator subject to SB 14, is required to complete and submit Tables 1 and 2 to the Department of Toxic Substances Control by September 1, 2007. The generator is to submit only one Table 1. However, the generator may need to submit more than one Table 2, one for each reportable waste stream.

See Summary Progress Report publication or SB 14 Guidance Manual Chapter 7, for assistance.

<b>(1) NAME OF GENERATOR, FACILITY, or BUSINESS</b> Pacific Gas and Electric Company – Diablo Canyon Power Plant (DCPP)		<input type="checkbox"/> <b>(1a) MULTI-SITE?</b> (If this is a multi-site business, please check this box and list the primary EPA ID number under box #2 and add the remaining EPA ID numbers under "COMMENTS" below. Combine data for similar wastes from the multiple sites for the remainder of the Summary Progress Report).	
<b>(2) EPA ID NO.</b>	<b>(3) SIC CODE</b>	<b>(4) NAICS CODE</b>	
CAD077966349	4911	221113	
<b>(5) STREET ADDRESS</b>		<b>(6) CITY</b>	<b>(7) COUNTY</b>
9 Miles NW of Avila Beach		Avila Beach	San Luis Obispo
<b>(8) MAILING ADDRESS</b>		<b>(9) CITY</b>	<b>(10) ZIP CODE</b>
P.O. Box 56		Avial Beach	93424
<b>(11) CONTACT NAME</b>			<b>(12) CONTACT PHONE</b>
Bryan K. Cunningham, Supervisor Environmental Operations			(805) 545-4439
<b>(13) TYPE OF BUSINESS, OPERATION, or ACTIVITY:</b>			
Electric Generation, Nuclear Steam Power Plant			
<b>(14) SB 14 reportable total quantities of Hazardous Waste Generated at Site, for 2002 and 2006 Reporting Years.</b> Reportable Total Quantities include all hazardous wastes subject to SB 14. Do not include nonroutinely generated, exempted, or secondary wastes. Exempted and nonroutinely generated wastes are listed in Section 67100.2(c), Title 22, California Code of Regulations. Secondary waste is hazardous waste generated as a result of onsite treatment of HAZARDOUS waste.			
Obtain information requested below from your 2002 and 2006 Plans or compliance Checklists.		<b>2002</b>	<b>2006</b>
<b>(15) SB 14 hazardous waste processed onsite in a wastewater pretreatment unit for discharge to POTW or NPDES permit (Category A*)</b> Total:		0 lbs	0 lbs
<b>(16) All other SB 14 hazardous waste (Category B*)</b> Total:		72, 552 lbs	64,419 lbs
<b>(17) All extremely hazardous waste</b> Total:		0 lbs	0 lbs
* Category A was previously referred to as aqueous waste. Category B was previously referred to as nonaqueous waste.			
<b>(18) COMMENTS</b> regarding hazardous waste source reduction and recycling activities (add page if needed).			
Of the five major SB14 waste streams identified in 2002, reduction initiatives resulted in volume decreases for all five of the wastes in 2006. The most successful initiatives continue to focus on improving site hazardous materials inventory controls that reduce the types and quantities of materials on-site, and subsequently decrease generation of off-specification and/or surplus materials. Improved field level use of materials (purchasing, preparing, and using only the minimum materials required for the immediate job) also continues to be a successful practice for reducing hazardous waste generation. Hazardous materials inventory control, and employee awareness training, will continue to be the primary site processes for source reduction.			
<b>Please continue by clicking on the "Table 2" tab below.</b>			

## SUMMARY PROGRESS REPORT

**TABLE 2: SPECIFIC WASTE STREAM INFORMATION**DATE: 30-Aug-07

Complete and submit a separate Table 2 for each major hazardous waste stream.

Complete and submit a separate Table 2 for each minor hazardous waste stream for which a source reduction measure was selected.

### IDENTIFICATION

(19) NAME OF GENERATOR, FACILITY, or BUSINESS	(20) EPA ID NO.
Pacific Gas and Electric Company – Diablo Canyon Power Plant (DCPP)	CAD077966349
(21) HAZARDOUS WASTE STREAM DESCRIPTION	(22) CALIFORNIA WASTE CODE
Inorganic Solid Waste	CWC: 181
(23) THIS HAZARDOUS WASTE IS (please check one): <input type="checkbox"/> Processed onsite in a wastewater pretreatment unit for discharge to POTW or NPDES permit (Category A) <input checked="" type="checkbox"/> Other SB 14 hazardous waste (Category B) <input type="checkbox"/> Extremely hazardous waste	

### ACCOMPLISHMENTS

Your 2002 SB 14 Plan, Performance Report, or Compliance Checklist, has this information.

(24) Provide the following information for this waste stream:	
How much waste was generated in the 2002 Reporting Year?	<u>13,960</u> pounds
Describe the source reduction measure(s) implemented since 2002 (add page if needed):	
Continuation of reduction in equipment coatings preparation (blasting) requirements where feasible, and employee instruction in media re-use and waste minimization.	
Estimate when this source reduction measure was implemented:	<u>6</u> Month <u>2004</u> Year
For this measure, what source reduction quantity was projected in the 2002 Plan:	<u>420</u> pounds per year
Estimate the quantity of waste reduced annually by this measure since implementation:	<u>612</u> pounds per year
(See Summary Progress Report publication or SB 14 Guidance Manual Chapter 6, to help estimate hazardous waste reduced.)	

### PROJECTIONS

Your 2006 SB 14 Plan or Compliance Checklist has this information.

(25) Provide the following information for this waste stream:	
How much waste was generated in the 2006 Reporting Year?	<u>13,348</u> pounds
Describe the source reduction measure selected to be implemented by 2010: (add page if needed):	
Improve metals contaminated materials control. Continued reduction in equipment coatings preparation (abrasive blasting) where feasible, and employee instruction in material re-use and waste minimization.	
Estimate when this source reduction measure will be implemented:	<u>8</u> Month <u>2008</u> Year
What is the annual projected source reduction quantity identified in the 2006 Plan?	<u>667</u> pounds per year
<b>* Since the information required for Table 2 is waste stream specific, a separate Table 2 must be completed for each Major waste stream. Add additional waste streams by clicking on the "Table 2-1" through "Table 2-10 " tabs at the bottom as necessary.</b>	

**SUMMARY PROGRESS REPORT****TABLE 2: SPECIFIC WASTE STREAM INFORMATION****DATE:** 30-Aug-07

Complete and submit a separate Table 2 for each major hazardous waste stream.

Complete and submit a separate Table 2 for each minor hazardous waste stream for which a source reduction measure was selected.

**IDENTIFICATION**

(19) NAME OF GENERATOR, FACILITY, or BUSINESS	(20) EPA ID NO.
Pacific Gas and Electric Company – Diablo Canyon Power Plant (DCPP)	CAD077966349
(21) HAZARDOUS WASTE STREAM DESCRIPTION	(22) CALIFORNIA WASTE CODE
Waste Oil	CWC: 221
(23) THIS HAZARDOUS WASTE IS (please check one):	
<input type="checkbox"/> Processed onsite in a wastewater pretreatment unit for discharge to POTW or NPDES permit (Category A)	
<input checked="" type="checkbox"/> Other SB 14 hazardous waste (Category B)	
<input type="checkbox"/> Extremely hazardous waste	

**ACCOMPLISHMENTS**

Your 2002 SB 14 Plan, Performance Report, or Compliance Checklist, has this information.

(24) Provide the following information for this waste stream:	
How much waste was generated in the 2002 Reporting Year?	<u>17,720</u> pounds
Describe the source reduction measure(s) implemented since 2002 (add page if needed):	
Attempt improvements to product material control that may reduce surplus of re-useable product, and employee instruction in waste minimization awareness.	
Estimate when this source reduction measure was implemented:	<u>6</u> Month <u>2004</u> Year
For this measure, what source reduction quantity was projected in the 2002 Plan:	<u>354</u> pounds per year
Estimate the quantity of waste reduced annually by this measure since implementation:	<u>1,800</u> pounds per year
(See Summary Progress Report publication or SB 14 Guidance Manual Chapter 6, to help estimate hazardous waste reduced.)	

**PROJECTIONS**

Your 2006 SB 14 Plan or Compliance Checklist has this information.

(25) Provide the following information for this waste stream:	
How much waste was generated in the 2006 Reporting Year?	<u>13,040</u> pounds
Describe the source reduction measure selected to be implemented by 2010: (add page if needed):	
Spent oil generation is dependent on scheduled mechanical equipment lubrication change-out. Focus on continuous improvement of site inventory and purchasing controls to reduce excess/off-specification oil waste.	
Estimate when this source reduction measure will be implemented:	<u>12</u> Month <u>2007</u> Year
What is the annual projected source reduction quantity identified in the 2006 Plan?	<u>522</u> pounds per year
<b>* Since the information required for Table 2 is waste stream specific, a separate Table 2 must be completed for each Major waste stream. Add additional waste streams by clicking on the "Table 2-1" through "Table 2-10" tabs at the bottom as necessary.</b>	

## SUMMARY PROGRESS REPORT

**TABLE 2: SPECIFIC WASTE STREAM INFORMATION**DATE: 30-Aug-07

Complete and submit a separate Table 2 for each major hazardous waste stream.

Complete and submit a separate Table 2 for each minor hazardous waste stream for which a source reduction measure was selected.

### IDENTIFICATION

(19) NAME OF GENERATOR, FACILITY, or BUSINESS	(20) EPA ID NO.
Pacific Gas and Electric Company – Diablo Canyon Power Plant (DCPP)	CAD077966349
(21) HAZARDOUS WASTE STREAM DESCRIPTION	(22) CALIFORNIA WASTE CODE
Oil Containing Waste	CWC: 223
(23) THIS HAZARDOUS WASTE IS (please check one):	
<input type="checkbox"/> Processed onsite in a wastewater pretreatment unit for discharge to POTW or NPDES permit (Category A)	
<input checked="" type="checkbox"/> Other SB 14 hazardous waste (Category B)	
<input type="checkbox"/> Extremely hazardous waste	

### ACCOMPLISHMENTS

Your 2002 SB 14 Plan, Performance Report, or Compliance Checklist, has this information.

(24) Provide the following information for this waste stream:	
How much waste was generated in the 2002 Reporting Year?	19,220 pounds
Describe the source reduction measure(s) implemented since 2002 (add page if needed):	
Continued preventative maintenance of equipment to prevent oil leaks, and continued plant surveillance to quickly detect and repair leaks. Training on waste reduction awareness.	
Estimate when this source reduction measure was implemented:	6 Month 2004 Year
For this measure, what source reduction quantity was projected in the 2002 Plan:	769 pounds per year
Estimate the quantity of waste reduced annually by this measure since implementation:	1,680 pounds per year
(See Summary Progress Report publication or SB 14 Guidance Manual Chapter 6, to help estimate hazardous waste reduced.)	

### PROJECTIONS

Your 2006 SB 14 Plan or Compliance Checklist has this information.

(25) Provide the following information for this waste stream:	
How much waste was generated in the 2006 Reporting Year?	17,540 pounds
Describe the source reduction measure selected to be implemented by 2010: (add page if needed):	
Continued preventative maintenance of equipment to prevent oil leaks, and continued plant surveillance to quickly detect and repair leaks. Focused job-specific training on waste reduction awareness for field workers.	
Estimate when this source reduction measure will be implemented:	8 Month 2008 Year
What is the annual projected source reduction quantity identified in the 2006 Plan?	877 pounds per year
<b>* Since the information required for Table 2 is waste stream specific, a separate Table 2 must be completed for each Major waste stream. Add additional waste streams by clicking on the "Table 2-1" through "Table 2-10 " tabs at the bottom as necessary.</b>	



## SUMMARY PROGRESS REPORT

**TABLE 2: SPECIFIC WASTE STREAM INFORMATION**DATE: 30-Aug-07

Complete and submit a separate Table 2 for each major hazardous waste stream.	
Complete and submit a separate Table 2 for each minor hazardous waste stream for which a source reduction measure was selected.	
<b>IDENTIFICATION</b>	
(19) NAME OF GENERATOR, FACILITY, or BUSINESS	(20) EPA ID NO.
Pacific Gas and Electric Company – Diablo Canyon Power Plant (DCPP)	CAD077966349
(21) HAZARDOUS WASTE STREAM DESCRIPTION	(22) CALIFORNIA WASTE CODE
Organic Solid Waste	CWC: 352
(23) THIS HAZARDOUS WASTE IS (please check one):	
<input type="checkbox"/> Processed onsite in a wastewater pretreatment unit for discharge to POTW or NPDES permit (Category A)	
<input checked="" type="checkbox"/> Other SB 14 hazardous waste (Category B)	
<input type="checkbox"/> Extremely hazardous waste	
<b>ACCOMPLISHMENTS</b>	
Your 2002 SB 14 Plan, Performance Report, or Compliance Checklist, has this information.	
(24) Provide the following information for this waste stream:	
How much waste was generated in the 2002 Reporting Year? <u>8,480</u> pounds	
Describe the source reduction measure(s) implemented since 2002 (add page if needed):	
Continue use of more efficient equipment, substitution of bulk products that can be spray applied when feasible, coatings substitution with low hazard products, and employee training.	
Estimate when this source reduction measure was implemented: <u>6</u> Month <u>2004</u> Year	
For this measure, what source reduction quantity was projected in the 2002 Plan: <u>424</u> pounds per year	
Estimate the quantity of waste reduced annually by this measure since implementation: <u>1,512</u> pounds per year	
(See Summary Progress Report publication or SB 14 Guidance Manual Chapter 6, to help estimate hazardous waste reduced.)	
<b>PROJECTIONS</b>	
Your 2006 SB 14 Plan or Compliance Checklist has this information.	
(25) Provide the following information for this waste stream:	
How much waste was generated in the 2006 Reporting Year? <u>6,968</u> pounds	
Describe the source reduction measure selected to be implemented by 2010: (add page if needed):	
Continued use of more efficient equipment as available, substitution of bulk products that can be spray applied when feasible, coatings substitution with low hazard products, and employee waste minimization training.	
Estimate when this source reduction measure will be implemented: <u>4</u> Month <u>2008</u> Year	
What is the annual projected source reduction quantity identified in the 2006 Plan? <u>418</u> pounds per year	
<b>* Since the information required for Table 2 is waste stream specific, a separate Table 2 must be completed for each Major waste stream. Add additional waste streams by clicking on the "Table 2-1" through "Table 2-10 " tabs at the bottom as necessary.</b>	

## SUMMARY PROGRESS REPORT

**TABLE 2: SPECIFIC WASTE STREAM INFORMATION**DATE: 30-Aug-07

Complete and submit a separate Table 2 for each major hazardous waste stream.

Complete and submit a separate Table 2 for each minor hazardous waste stream for which a source reduction measure was selected.

### IDENTIFICATION

(19) NAME OF GENERATOR, FACILITY, or BUSINESS	(20) EPA ID NO.
Pacific Gas and Electric Company – Diablo Canyon Power Plant (DCPP)	CAD077966349
(21) HAZARDOUS WASTE STREAM DESCRIPTION	(22) CALIFORNIA WASTE CODE
Paint Sludge	CWC: 461
(23) THIS HAZARDOUS WASTE IS (please check one):	
<input type="checkbox"/> Processed onsite in a wastewater pretreatment unit for discharge to POTW or NPDES permit (Category A)	
<input checked="" type="checkbox"/> Other SB 14 hazardous waste (Category B)	
<input type="checkbox"/> Extremely hazardous waste	

### ACCOMPLISHMENTS

Your 2002 SB 14 Plan, Performance Report, or Compliance Checklist, has this information.

(24) Provide the following information for this waste stream:	
How much waste was generated in the 2002 Reporting Year?	<u>5,460</u> pounds
Describe the source reduction measure(s) implemented since 2002 (add page if needed):	
Improved inventory control resulting in reduction in the quantity and variety of coatings materials available on-site, and subsequent generation of off-specification and un-used materials.	
Estimate when this source reduction measure was implemented:	<u>6</u> Month <u>2004</u> Year
For this measure, what source reduction quantity was projected in the 2002 Plan:	<u>218</u> pounds per year
Estimate the quantity of waste reduced annually by this measure since implementation:	<u>788</u> pounds per year
(See Summary Progress Report publication or SB 14 Guidance Manual Chapter 6, to help estimate hazardous waste reduced.)	

### PROJECTIONS

Your 2006 SB 14 Plan or Compliance Checklist has this information.

(25) Provide the following information for this waste stream:	
How much waste was generated in the 2006 Reporting Year?	<u>4,672</u> pounds
Describe the source reduction measure selected to be implemented by 2010: (add page if needed):	
Continued improvement in product inventory control that results in reduction in the quantity and variety of coatings materials available on-site, and subsequent generation of off-specification and un-used materials.	
Estimate when this source reduction measure will be implemented:	<u>8</u> Month <u>2008</u> Year
What is the annual projected source reduction quantity identified in the 2006 Plan?	<u>234</u> pounds per year
<b>* Since the information required for Table 2 is waste stream specific, a separate Table 2 must be completed for each Major waste stream. Add additional waste streams by clicking on the "Table 2-1" through "Table 2-10 " tabs at the bottom as necessary.</b>	