



**Pacific Gas and  
Electric Company®**

Diablo Canyon Power Plant  
P. O. Box 56  
Avila Beach, CA 93424

July 19, 2007

Certified/Return Receipt  
7007-0220-0004-6735-9721

PG&E Letter DCL-2007-523

California Regional Water Quality Control Board  
Central Coast Region  
Attn: Monitoring and Reporting Review Section  
895 Aerovista, #101  
San Luis Obispo, CA 93401-7906

Dear Mr. Briggs:

In accordance with Order 90-09, NPDES No. CA0003751, enclosed is the Second Quarter 2007 Report on Discharge Monitoring at Diablo Canyon Power Plant (Enclosure 1).

**Facility Name:** Pacific Gas & Electric Company  
Diablo Canyon Power Plant

**Address:** P. O. Box 56  
Avila Beach, CA 93424

**Contact Person:** Bryan Cunningham  
**Job Title:** Supervisor, Environmental Operations  
**Phone Number:** 545-4439

**WDR/NPDES Order Number:** Order No. 90-09, NPDES No. CA0003751

**Type of Report:** (check one)

**QUARTERLY**

**ANNUAL**



**Quarter:** (check one):

1<sup>st</sup>

2<sup>nd</sup>

3<sup>rd</sup>

4<sup>th</sup>



**Year:**

2007 (Annual Reports for DCPD are Jan-Dec)

**Violation(s)** (Place an X by the appropriate choice):



**No** (there are no violations to report)



**Yes**

**Note:** A Single Settleable Solids Exceedance Result for a Pathway 001N (Sanitary Wastewater) Sample Occurred. Event Description Included in Overview Section 6.

IEAS

PG&E Ltr DCL-2007-523  
Mr. Briggs, CRWQCB  
July 19, 2007  
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*If Yes is marked (complete a-g):*

**a) Parameter(s) in Violation:**

**b) Section(s) of WDR/NPDES  
Violated:**

**c) Reported Value(s)**

**d) WDR/NPDES  
Limit/Condition:**

**e) Dates of Violation(s)**  
(reference page of report/data sheet):

**f) Explanation of Cause(s):**  
(attach additional information as needed)

(If "YES", see overview section of attached report)

**g) Corrective Action(s):**  
(attach additional information as needed)

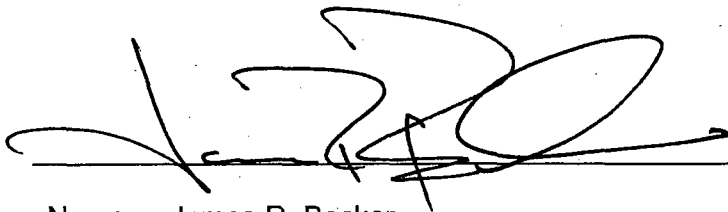
(If "YES", see overview section of attached report)

PG&E Ltr DCL-2007-523  
Mr. Briggs, CRWQCB  
July 19, 2007  
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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. The results of the influent and effluent monitoring presented are the observed results of the measurements and analyses required by the monitoring program, and is neither an assertion of the adequacy of any instrument reading or analytical result, nor an endorsement of the appropriateness of any analytical or measurement procedure. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Bryan Cunningham at (805) 545-4439.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Becker', is written over a horizontal line.

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

2007523/bkc/kmo

PG&E Ltr DCL-2007-523  
Mr. Briggs, CRWQCB  
July 19, 2007  
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cc: Peter von Langen, CRWQCB  
895 Aerovista, #101  
San Luis Obispo, CA 93401-7906

California Department of Fish and Game  
20 Lower Ragsdale, Suite 100  
Monterey, California 93490

Resident Inspector, Terry Jackson  
U.S. Nuclear Regulatory Commission  
Diablo Canyon Power Plant 104/5

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Dr., Suite 400  
Arlington, TX 76011-4005

Director, Division of Reactor Projects  
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Arlington, TX 76011-4005

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Enclosure

ENCLOSURE 1

SECOND QUARTER 2007

REPORT ON DISCHARGE MONITORING AT  
DIABLO CANYON POWER PLANT

**PACIFIC GAS AND ELECTRIC COMPANY**  
**NUCLEAR POWER GENERATION**

**Second Quarter 2007**

**REPORT ON**  
**DISCHARGE MONITORING AT**  
**DIABLO CANYON POWER PLANT**

**(NPDES No. CA0003751)**

PACIFIC GAS AND ELECTRIC COMPANY

Second Quarter 2007

REPORT ON DISCHARGE MONITORING AT  
DIABLO CANYON POWER PLANT

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## **OVERVIEW**

1. During the second quarter of 2007, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001J, 001L, 001M, 001N, 001P, and 002 through 004. No discharges occurred from Discharge Paths 001I, 001K, or 005 through 017. A list of all of the permit discharge pathways, including name and number, is provided in **Appendix 1**.
2. The substances listed in Table B of the 1990 California Ocean Plan were each analyzed for and reported in the permit renewal application for Diablo Canyon submitted in 1994. There have been no changes in the activities conducted at the plant that would have significantly affected the results previously reported in the 1994 renewal application. California Ocean Plan Table B substances that were not analyzed for this quarter were not added to the discharge stream.
3. During the second quarter of 2007, maintenance activities that required draining of closed cooling water systems were performed and are summarized below. PG&E received concurrence from the CCRWQCB in response to letters dated July 19, 1995 (PG&E Letter DCL-95-156), May 23, 1996 (PG&E Letter DCL-96-522), and May 19, 1997 (PG&E Letter DCL-97-533) regarding the use of glutaraldehyde and isothiazolin to control microbiological growth and corrosion in DCCP's closed cooling water systems. Discharges are drained at a flow rate such that the chronic toxicity level would be below the "No Observable Effect Concentration" (NOEC) at NPDES Discharge 001.

Date	System	Volume (gallons)	Glutaraldehyde (mg/l)	Isothiazolin (mg/l)
4/30/07	Unit 1 ICW	1,100	<50	<0.25
4/30/07	Unit 1 SCW	11,000	<50	<0.25
5/09/07	Unit 1 CCW	9,920	186	<0.25
5/15/07	Unit 1 CCW	25	173	<0.25
5/19/07	Unit 1 CCW	1,451	186	<0.25
5/31/07	Unit 1 SCW	33,499	222	<0.25
6/07/07	Unit 2 SCW	33,300	<50	4.4
6/30/07	Unit 2 SCW	80	67	4.4



4. Two events during the second quarter affected continuous chlorine monitoring at Discharge 001. In each case, an engineering evaluation was completed in accordance with PG&E's January 5, 1994 letter as authorized by the CCRWQCB. The event interval, affected monitor(s), number of affected results, the cause(s), and corrective action(s) are tabulated below. The engineering evaluations used recorded injection rates and condenser waterbox inlet chlorine results to calculate estimates of chlorine concentration for the affected monitor at Discharge 001. These estimates are used to replace results affected by the respective monitor problem per the letter agreement with Regional Board Staff. Injection rates are set to provide a minimal amount of detectable chlorine at the discharge. Results from the engineering evaluations were all at least 60 µg/L below the applicable 89-µg/L discharge limit.

Interval	Affected Monitor(s)	Number of Affected Readings	Cause	Corrective Actions
5/12/07	Unit 2	1	Power to chlorine monitoring system was interrupted.	Chlorine injection stopped until monitor power restored.
6/27/07 to 7/03/07	Unit 1	21 during 2 <sup>nd</sup> quarter	Shift of monitor calibration after 6/27/07 scheduled maintenance.	Monitor recalibrated after identification of conservative bias.

5. On Thursday, 6/14/07, the weekly sample for settleable solids was taken from the sewage treatment plant (Discharge 001N). The sample was delivered to the certified contract laboratory on Friday 6/15/07. Analysis of the sample could not be performed until Sunday, 6/17/07 because appropriate laboratory personnel were unavailable. Therefore, the sample was analyzed approximately 24-hours after the end of the 48-hour maximum holding time. The result of the analysis was below the 0.1 ml/L reporting limit (non-detect). Due to the nature of settleable solids as an analyte, it is unlikely that the result was significantly affected by the extended holding period. Discussion regarding the late analysis were held with the sewage treatment system operator and the contract laboratory manager. Future sampling times will be performed to avoid necessity for Friday sample deliveries to the off-site laboratory.
6. On June 21, 2007, the weekly sample from the sewage treatment plant (Discharge 001N) was taken and delivered to the off-site contract laboratory for analysis (Creek Environmental). The sample was analyzed on June 22<sup>nd</sup>, and reported to contain 3.9 ml/L of settleable solids. The maximum discharge concentration for this parameter from Pathway 001N in DCP's NPDES permit is 3.0 ml/L. Upon receiving the analysis result from the contract laboratory on July 2, 2007, DCP contacted the Regional Board and reported the apparent exceedance. Regional Board Staff (von Langen) waived the 5-day report and requested that a description of the event be included in the Discharge Monitoring Report for the second quarter 2007.

Settleable solids are typically non-detect (ND) (<0.1 ml/L) in samples taken from the sewage system effluent. Samples are obtained from the bucket of the system decanting apparatus. This is a conservative location for sampling the pathway because it is upstream of the lift station cistern, where mixing and dilution by previously-decanted fluid occurs.

Results for settleable solids samples taken in the two weeks prior to June 21, (June 8<sup>th</sup> and June 14<sup>th</sup>) were 0.1 ml/L and ND respectively. The result for the sample subsequent

to June 21 (on June 27<sup>th</sup>) was ND again. The monthly average limit for settleable solids in 001N effluent is 1.0 ml/L. The monthly average limit was approached but not exceeded for June inclusive of the 3.9 ml/L laboratory result obtained from the June 21<sup>st</sup> sample.

The system operator performs at least two samples in sequence each week during a decant phase. One sample is analyzed on-site to assess real-time system performance, and the second sample sent to a qualified off-site laboratory. The result for on-site analysis of the sample taken at 09:15 on June 21<sup>st</sup> was 2.5 ml/L settleable solids. However, this analysis is not recognized as a formal result because it is not conducted by a certified laboratory. The second sample taken at 09:17 was delivered to a contract laboratory certified to perform the analysis by the State Environmental Laboratory Accreditation Program (ELAP). The 3.9 ml/L settleable solids result of that analysis is the value reported for the pathway.

The June 21<sup>st</sup> samples were taken as sewage plant operation was in a transitional period to a more typical processing rate after a plant refueling outage when sewage system flows are significantly increased. A potential system anomaly that could result from substantial sewage flow reduction is described below in the background information. To date, no other system changes or events have been identified as potential contributing factors to the June 21<sup>st</sup> laboratory result. No system operating condition or equipment issue has been identified that would have generated excess settleable solids in the decanting aqueous phase. System pumps, aeration equipment, and electrical/mechanical equipment logic controls show no evidence of failure. Operational logs for the facility do not evidence significant unusual conditions previous to, or immediately after, the June 21<sup>st</sup> sampling period. The cause of the June 21<sup>st</sup> apparent exceedance is continuing to be evaluated; however, a conclusive determination may not be reached.

Background information regarding the DCPD sewage treatment system:

Liquid sewage influent undergoes a 90-minute aeration within a cement treatment tank. Aeration is followed by a 60-minute settling period. Following settling, a decanting arm slowly pivots down to allow the separated aqueous phase to flow-out over a 90-minute period. Settled solids in the treatment tank can then be pumped to a sludge holding tank if required. Solids transfer to the sludge holding tank is accomplished both automatically and manually. An automatic transfer of solids occurs once daily; typically lasting for 10-minutes and occurring at the end of a settling period. The sewage treatment plant operator may elect to perform additional manual transfer to maintain suspended solids in a 3,000-3,500 mg/L target band during aeration steps. These manual transfers are intended to optimize aerobic (oxygenated) bacterial digestion of the sewage undergoing treatment. During periods when average sewage flow is significantly increasing or decreasing, the system operator may need to make adjustments of the daily sludge transfer rate to maintain target operating ranges.

Following the settling phase, effluent flows into the decanting bucket of the pivot arm and is then gravity fed to a pumping station cistern. The pumping station lifts accumulated effluent within the cistern which then flows by gravity to the 001N discharge point. The 001N pathway discharges into, and is combined with, DCPD's main cooling water circulating system flow prior to final outfall through the 001 discharge. Effluent from the sewage treatment system is therefore significantly diluted prior to final outfall from the power plant to receiving waters.

Prolonged suspension of solids during the settling phase can occur if conditions that inhibit normal settling exist. One such set of conditions includes an unusually high

bacterial population and relatively vigorous anaerobic (non-oxygenated) bacterial digestion within the solid phase. Vigorous anaerobic digestion within the sludge could generate off-gassing at a rate sufficient to keep pushing a portion of the solids back up into the aqueous layer. It is believed that this type of scenario may have caused the isolated event on June 21<sup>st</sup>, though that has not been conclusively determined.

Significant changes of the system bacterial population can occur during transitions from a relatively high rate of processing to lower, more routine, operational volumes. Such circumstances take place following refueling outages at DCPD when augmented plant staffing is rapidly reduced, i.e., the plant population is reduced by more than one fourth within a single week. Essentially, the bacterial population established during heavy sewage influx is subjected to reduced nutrient availability, causing the population equilibrium to shift to a new state. Such a shift has potential to produce a significant anaerobic system condition that may be accompanied by gaseous disturbance of the settled solids. Such events are not routine, and would only occur when variant conditions (temperature, bacterial population density and composition, bacterial nutrient mixture, influent chemical composition) combined to create an environment favorable for such an event. Such conditions in a frequently aerated treatment system would be considered off-normal, and anticipated to be short term in duration.

## **SUMMARY OF MONITORING PROGRAM**

### **A. Monitoring of Plant Influent and Effluent**

1. The results of the April, May, and June 2007 plant influent and effluent monitoring are reported on Discharge Self Monitoring Report (DSMR) forms in **Appendices 2, 3, and 4**, respectively.
2. The laboratory report for one acute bioassay on water sampled from Discharge 001, performed April 26-30, 2007, is included in **Appendix 5**. The bioassay results show that acute toxicity was 0.00 TUa (no mortality).
3. The laboratory report for one chronic bioassay on water sampled from Discharge 001, performed April 26-28, 2007, is included in **Appendix 6**. The bioassay results show that chronic toxicity was 1.0 TUc (no chronic toxicity).

### **B. Monitoring of Receiving Waters**

#### **1. Ecological Studies at Diablo Canyon**

Ecological studies in the vicinity of Diablo Cove conducted during the second quarter continued under the Diablo Canyon Receiving Water Monitoring Program (RWMP) as requested in a letter from the Central Coast Regional Water Quality Control Board (CCRWQCB) dated December 9, 1998, and as detailed in a letter (PG&E Letter DCL-99-503) dated January 8, 1999. This program includes tasks from the Ecological Monitoring Program (EMP) with additional stations and increased sampling frequencies. The RWMP replaces the EMP and the Thermal Effects Monitoring Program (TEMP).

#### **2. In Situ Bioassay**

Results of the Mussel Watch Program will be reported to the CCRWQCB directly from the California Department of Fish and Game in the Department's periodic report for this program.

C. Sodium Bromide Treatment Program

Diablo Canyon Power Plant is continuing the use of generic sodium bromide to control macrofouling growth for both Units. Both circulating water conduits of each Unit can be chemically treated simultaneously. Each treated conduit typically receives a twenty-minute injection every four hours (six injections a day) of sodium bromide in combination with sodium hypochlorite (NaOCl). Each injection attempts to achieve a target concentration of 200 parts per billion (ppb) Total Residual Oxidant (TRO) when measured at the inlet waterbox of the condenser. Discharge TRO, measured at the plant outfall, remains below NPDES limitations.

Both conduits of Unit 1 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day through mid April 2007 with brief interruptions for maintenance activities. On April 20<sup>th</sup>, sodium bromide injections were shut down, while sodium hypochlorite injections continued until April 27<sup>th</sup> when Unit 1 main conduit chemical treatment was secured for the 1R14 refueling outage. Simultaneous injections were restarted May 24<sup>th</sup> and ran through the rest of the second quarter with only one brief interruption for a scheduled main seawater circulator clearance.

Unit 2 conduits started the second quarter 2007 with injections shut down for a scheduled tunnel cleaning. Injections were restarted after tunnel cleaning completion on April 3<sup>rd</sup> and 5<sup>th</sup>. Simultaneous injections of sodium hypochlorite and sodium bromide continued for Unit 2 the remainder of the quarter with brief interruptions in April and May for maintenance activities.

## APPENDIX 1

### DIABLO CANYON POWER PLANT

NPDES DISCHARGE POINTS	
DISCHARGE NUMBER	DESCRIPTION
001	Once-Through Cooling Water
001 A	Firewater Systems
001 B	Auxiliary Salt Water Cooling System
001 C	Discharge Deleted
001 D	Liquid Radioactive Waste Treatment System
001 E	Service Cooling Water System
001 F	Turbine Building Sump
001 G	Make-Up Water System Waste Effluent
001 H	Condensate Demineralizer Regenerant
001 I	Seawater Evaporator Blowdown
001 J	Condensate Pumps Discharge Header Overboard
001 K	Condenser Tube Sheet Leak Detection Dump Tank Overboard
001 L	Steam Generator Blowdown
001 M	Wastewater Holding and Treatment System
001 N	Sanitary Wastewater Treatment System
001 P	Seawater Reverse Osmosis System Blowdown
002	Intake Structure Building Floor Drains
003	Intake Screen Wash
004	Bio Lab and Storm Water Runoff
005, 008, 009, 013, 014, 015	Yard Storm Drains
006, 007, 010, 011, 012	Storm Water Runoff
016	Bio Lab Seawater Supply Pump Valve Drain
017	Seawater Reverse Osmosis System Blowdown Drain

## **APPENDIX 2**

### **DIABLO CANYON POWER PLANT**

**Influent and Effluent Monitoring**

**April 2007**

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (M) 1

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 04 / 01 YEAR / MO / DAY ENDING 07 / 04 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 TEMPERATURE DEGREES F METERED CONTINUOUS	DELTA TEMP TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 FLOW MGD RECORDED DAILY	INFLUENT pH pH UNITS GRAB MONTHLY	EFFLUENT 001 pH pH UNITS GRAB MONTHLY (**)	EFFLUENT 001P pH pH UNITS GRAB MONTHLY	EFFLUENT 002 pH pH UNITS GRAB MONTHLY
1	50.9	69.5	18.6	2486				
2	50.4	68.1	17.7	2278				
3	50.8	70.0	19.2	1862			2	7.7
4	51.3	70.1	18.8	1914	7.9	8.0		2
5	51.1	69.5	18.4	2486				7.9
6	51.0	68.3	17.3	2486				
7	50.8	69.2	18.4	2486				
8	50.8	69.2	18.4	2486				
9	50.9	69.3	18.4	2486				
10	50.8	69.1	18.3	2486				
11	50.6	69.0	18.4	2486				
12	50.4	68.9	18.5	2486				
13	49.9	68.3	18.4	2486				
14	50.1	68.7	18.6	2486				
15	50.2	68.9	18.7	2486				
16	50.4	69.1	18.7	2486				
17	50.7	69.5	18.8	2486				
18	49.7	68.5	18.8	2486				
19	49.0	67.9	18.9	2486				
20	48.4	66.6	18.2	2486				
21	49.9	68.6	18.7	2486				
22	49.8	68.4	18.6	2486				
23	49.9	68.5	18.6	2486				
24	49.4	67.9	18.5	2486				
25	49.4	67.8	18.4	2486				
26	49.0	67.5	18.5	2486				
27	49.2	67.5	18.3	2486				
28	51.0	69.5	18.5	2486				
29	49.9	68.3	18.4	2461				
30	50.1	64.8	14.7	1891				
31								
MONTHLY AVG	50.2	68.6	18.4	2419	7.9	8.0	7.7	7.9
MONTHLY HIGH	51.3	70.1	19.2	2486	7.9	8.0	7.7	7.9
MONTHLY LOW	48.4	64.8	14.7	1862	7.9	8.0	7.7	7.9
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MAX 22 = 0	MAX 2760 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED			(**)					
TIMES EXCEEDED								

REMARKS:

\* NUMBER OF SAMPLES TAKEN DURING THE DAY.

\*\* EXCEPT DURING DEMUSSELING.

\*\*\* DAILY WHEN DISCHARGING CHEMICAL CLEANING WASTES FROM DISCHARGES 001D, F, I, L, AND/OR M.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (M) 2

FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 04 / 01

YEAR / MO / DAY  
ENDING 07 / 04 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 pH pH UNITS GRAB MONTHLY	EFFLUENT 004 pH pH UNITS GRAB MONTHLY	EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY	EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***)	EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY	EFFLUENT 001 T CHLOR RES ug/l GRAB (****) 2 per CYCLE	EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY
1							23	230
2							28	230
3						ND(5)	25	230
4	8.0	7.9					16	250
5			3	ND(5)			14	307
6							19	461
7							23	461
8							21	461
9			3	ND(5)			23	461
10							23	461
11							19	461
12							21	461
13							23	461
14							23	461
15							23	461
16							21	461
17							21	461
18							23	406
19							20	348
20			3	ND(5)			20	408
21							21	403
22							21	403
23							21	403
24							18	235
25							23	403
26			3	ND(5)			23	403
27							20	302
28							< 10	202
29							11	202
30							13	202
31								
MONTHLY AVG	8.0	7.9	ND(5)	NO	NO	ND(5)	20	370
MONTHLY HIGH	8.0	7.9	ND(5)	DISCHARGE	DISCHARGE	ND(5)	28	461
MONTHLY LOW	8.0	7.9	ND(5)			ND(5)	< 10	202
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	I MAX 200 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0		
TIMES EXCEEDED								

REMARKS:

\* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* WHEN 001N IS DISCHARGING TO 001P.  
\*\*\* WHEN 001P IS DISCHARGING TO 003.  
\*\*\*\* CONTINUOUS CHLORINE MONITORING USED INSTEAD OF GRAB SAMPLE ANALYSIS

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (M) 3

FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 04 / 01

YEAR / MO / DAY  
ENDING 07 / 04 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFF 001N=>003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=>003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB MONTHLY		
1								
2								
3								
4			1			ND(5)		
5			29	2	1	29	2	16
6			1	2		ND(5)		
7								
8								
9			3	2		ND(5)		
10								
11								
12			1	2		ND(5)		
13								
14								
15								
16								
17								
18								
19								
20			26	2	1	25		
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	NO				5		16
MONTHLY HIGH	DISCHARGE	DISCHARGE				29		17
MONTHLY LOW						ND(5)		15
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED	I MAX >10K							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* FLOW-WEIGHTED AVERAGES REPORTED.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (M) 4

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 04 / 01 YEAR / MO / DAY ENDING 07 / 04 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001H SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY					
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET			
1									
2									
3	< 1		ND(5)	3	3	ND(5)			
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
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19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG			ND(5)			ND(5)			
MONTHLY HIGH			ND(5)			ND(5)			
MONTHLY LOW			ND(5)			ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30=0	NO LIMIT	NO LIMIT	MO AVG 30=0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 04 / 01	ENDING	07 / 04 / 30	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB MONTHLY			EFFLUENT 001J SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB MONTHLY		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30				< 1		ND(5)
31						
MONTHLY AVG	NO					ND(5)
MONTHLY HIGH	DISCHARGE					ND(5)
MONTHLY LOW						ND(5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			MAX 100 = 0			MAX 100 = 0
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 04 / 01 YEAR / MO / DAY ENDING 07 / 04 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS			EFFLUENT 001L SUSPENDED SOLIDS			
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	
		GRAB			GRAB		
		MONTHLY			MONTHLY		
1							
2							
3				2	< 1	2	ND(5)
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	NO						ND(5)
MONTHLY HIGH	DISCHARGE						ND(5)
MONTHLY LOW							ND(5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0	
TIMES EXCEEDED							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

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*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
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ENDING 07 / 04 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS mg/l COMPOSITE WEEKLY	EFFLUENT 001P SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY			
	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET		mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	
1								
2								
3					2	2	ND(5)	
4								
5				13				
6								
7								
8								
9				14				
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20				12				
21								
22								
23								
24								
25								
26				8				
27								
28								
29								
30								
31								
MONTHLY AVG	NO			12	ND(5)			
MONTHLY HIGH	DISCHARGE			14	ND(5)			
MONTHLY LOW				8	ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 60 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 0	
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

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*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 04 / 01		YEAR / MO / DAY ENDING 07 / 04 / 30		STATE CODE 06		NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY						
1	*		*		*		*			
2										
3										
4	2	2	2	1	2	ND(5)	2	13	2	
5										
6										
7										
8										
9										
10										
11										
12										
13							2	6	2	
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
MONTHLY AVG				ND(5)			9			
MONTHLY HIGH				ND(5)			16			
MONTHLY LOW				ND(5)			5			
TIMES EXCEEDED	NO LIMIT		NO LIMIT		MO AVG 30 = 0		NO LIMIT		NO LIMIT	
TIMES EXCEEDED					D MAX 100 = 0				MO AVG 30 = 0	
TIMES EXCEEDED									D MAX 100 = 0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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3 402003001

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06

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CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS			EFFLUENT 001N SETTL SOLIDS ml/l GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/l GRAB MONTHLY	EFFLUENT 001 COPPER ug/l GRAB MONTHLY	EFFLUENT 001 NICKEL ug/l GRAB MONTHLY	EFFLUENT 001 ZINC ug/l GRAB MONTHLY
	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET GRAB WEEKLY WHEN 001N & 001P => 003					
1								
2								
3								
4								
5				ND(0.1)				
6								
7								
8								
9				ND(0.1)				
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)
21								
22								
23								
24								
25								
26				ND(0.1)				
27								
28								
29								
30								
31								
MONTHLY AVG	NO			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY HIGH	DISCHARGE			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY LOW				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 1.0 = 0	6M-MED 10 = 0	6M-MED 10 = 0	6M-MED 30 = 0	6M-MED 70 = 0
TIMES EXCEEDED			D MAX 100 = 0	D MAX 3.0 = 0	D MAX 40 = 0	D MAX 50 = 0	D MAX 100 = 0	D MAX 380 = 0
TIMES EXCEEDED					I MAX 100 = 0	I MAX 140 = 0	I MAX 260 = 0	I MAX 990 = 0

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

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*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
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YEAR / MO / DAY  
ENDING 07 / 04 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20	ND(10)	ND(10)	ND(10)			6		
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	** < 5	ND(5)	ND(5)
MONTHLY HIGH	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	6	ND(5)	ND(5)
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	ND(5)	ND(5)	ND(5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED					I MAX 30600 = 0			

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* FLOW-WEIGHTED AVERAGE RESULT REPORTED.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001	BEGINNING	07 / 04 / 01	ENDING	07 / 04 / 30	06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3				2	ND(5)		ND(5)	
4							2	ND(5)
5								ND(5)
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30			ND(5)					
31								
MONTHLY AVG	NO	ND(5)	NO	ND(5)	NO	ND(5)	ND(5)	ND(5)
MONTHLY HIGH	DISCHARGE	ND(5)	DISCHARGE	ND(5)	DISCHARGE	ND(5)	ND(5)	ND(5)
MONTHLY LOW		ND(5)		ND(5)		ND(5)	ND(5)	ND(5)
TIMES EXCEEDED	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 58  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY	YEAR / MO / DAY	STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING 07 / 04 / 01	ENDING 07 / 04 / 30	06	CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	
1							
2							
3							
4	ND(5)						
5							
6							
7							
8							
9							
10							
11			ND(10)		ND(10)		
12				2	ND(10)		
13						ND(10)	
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24		0.00					
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	ND(5)	0.00	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	ND(5)	0.00	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW	ND(5)	0.00	ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	MO AVG 15 = 0		NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED	D MAX 20 = 0						
TIMES EXCEEDED	6M-MED 0.26=0						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
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FACILITY I.D.  
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STATE CODE  
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NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/l 1 WEEK COMP JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11	ND(10)	2	31	2	ND(10)	ND(10)	2	ND(10)
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND(10)	31	ND(10)	ND(10)	ND(10)	61	ND(10)	ND(10)
MONTHLY HIGH	ND(10)	41	ND(10)	ND(10)	ND(10)	91	ND(10)	ND(10)
MONTHLY LOW	ND(10)	21	ND(10)	ND(10)	ND(10)	31	ND(10)	ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
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STATE CODE 06  
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT
1								
2								
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4								
5								
6								
7								
8								
9								
10								
11	ND(10)	2	ND(10)	2	ND(0.2)	2	ND(0.2)	ND(0.2)
12								
13				ND(10)				
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND(10)	ND(10)	ND(10)	ND(10)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
MONTHLY HIGH	ND(10)	ND(10)	ND(10)	ND(10)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(10)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER  
  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
*Bryan Cunningham*  
DATE  
7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING 07 / 04 / 01		ENDING 07 / 04 / 30		06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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6									
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9									
10									
11	ND(10)	2	22	2	ND(10)	2	ND(10)		
12									
13					11			ND(10)	
14									
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31									
MONTHLY AVG	ND(10)	22	ND(10)	11	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	ND(10)	27	ND(10)	11	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW	ND(10)	17	ND(10)	11	ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

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PO BOX 56  
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 07 / 04 / 01		YEAR / MO / DAY ENDING 07 / 04 / 30		STATE CODE 06	NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT			
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11	212		2	ND(10)			
12		2	17				
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31							
MONTHLY AVG	212	17	ND(10)	17			
MONTHLY HIGH	212	20	ND(10)	17			
MONTHLY LOW	212	14	ND(10)	17			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT			
TIMES EXCEEDED							
TIMES EXCEEDED							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
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ENDING 07 / 04 / 30

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06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/l 24-HR COMP. METAL CLNG	
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30						
31						
MONTHLY AVG	NO	NO	NO	NO	NO	
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	
MONTHLY LOW						
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER  
JAMES R. BECKER

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DATE  
7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG	
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27						
28						
29						
30						
31						
MONTHLY AVG	NO	NO	NO	NO	NO	
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	
MONTHLY LOW						
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
1								
2								
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9								
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16								
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20								ND(10)
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								ND(10)
MONTHLY HIGH								ND(10)
MONTHLY LOW								ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	6M-MED 30 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 150 = 0		D MAX 20 = 0		D MAX 40 = 0	
TIMES EXCEEDED			I MAX 400 = 0		I MAX 50 = 0		I MAX 100 = 0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* INFLUENT ANALYSIS PERFORMED FOR COMPARISON TO EFFLUENTS.

PRINCIPAL EXECUTIVE OFFICER  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
Bryan Cunningham  
DATE  
7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001  
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/l GRAB OCTOBER	EFFLUENT 001 MERCURY ug/l GRAB OCTOBER	INFLUENT SILVER ug/l GRAB OCTOBER	EFFLUENT 001 SILVER ug/l GRAB OCTOBER	INFLUENT CYANIDE ug/l GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/l GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER
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28								
29								
30								
31								
MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	6M-MED 0.2=0	NO LIMIT	6M-MED 2.9=0	NO LIMIT	6M-MED 30=0	NO LIMIT	6M-MED 150=0
TIMES EXCEEDED		DMAX 0.8 = 0		DMAX 13.6=0		DMAX 100=0		DMAX 610= 0
TIMES EXCEEDED		IMAX 2 = 0		IMAX 35= 0		IMAX 260=0		IMAX 1530=0

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001  
YEAR / MO / DAY BEGINNING 07 / 04 / 01  
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER	
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2								
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28								
29								
30								
31								
MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	6M-MED 10=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0	MO AVG 15=0	
TIMES EXCEEDED		DMAX 20=0				DMAX 20=0	DMAX 20=0	
TIMES EXCEEDED		IMAX 50=0						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 04 / 01		YEAR / MO / DAY ENDING 07 / 04 / 30		STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER
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26							
27							
28							
29							
30							
31							
MONTHLY AVG							
MONTHLY HIGH							
MONTHLY LOW							
TIMES EXCEEDED	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	NO LIMIT	NO LIMIT
TIMES EXCEEDED	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX20=0		
TIMES EXCEEDED							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

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PACIFIC GAS AND ELECTRIC CO.  
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE MOISTURE % GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE pH pH units GRAB OCTOBER	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE BORON mg/kg GRAB OCTOBER
1								
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28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

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CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
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ENDING 07 / 04 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER
1								
2								
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24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	
TIMES EXCEEDED	10 mg/kg=0	250 mg/kg=0	50 mg/kg=0	50 mg/kg=0	200 mg/kg=0	2 mg/kg=0	2500 mg/kg=0	
TIMES EXCEEDED	TTLT>100=0	TTLT>2500=0	TTLT>500=0	TTLT>1000=0	TTLT>2000=0	TTLT>20=0	TTLT>5000=0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

## **APPENDIX 3**

### **DIABLO CANYON POWER PLANT**

#### **Influent and Effluent Monitoring**

**May 2007**

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 TEMPERATURE DEGREES F METERED CONTINUOUS	DELTA TEMP TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 FLOW MGD RECORDED DAILY	INFLUENT pH pH UNITS GRAB MONTHLY	EFFLUENT 001 pH pH UNITS GRAB MONTHLY (**)	EFFLUENT 001P pH pH UNITS GRAB MONTHLY	EFFLUENT 002 pH pH UNITS GRAB MONTHLY
1	51.8	70.2	18.4	1305				
2	50.2	68.6	18.4	1279			2	7.9
3	50.2	68.8	18.6	1279			7.7	
4	50.2	68.8	18.6	1279				
5	49.3	68.0	18.7	1279				
6	49.3	67.5	18.2	1279				
7	50.5	68.4	17.9	1279				
8	50.3	68.4	18.1	1279				
9	50.4	69.0	18.6	1279				
10	50.4	69.3	18.9	1279				
11	50.2	69.0	18.8	1279	7.8	7.8		
12	49.8	68.5	18.7	1279				
13	49.0	67.8	18.8	1279				
14	49.1	67.9	18.8	1279				
15	49.3	68.1	18.8	1279				
16	49.3	68.1	18.8	1279				
17	49.1	67.8	18.7	1279				
18	48.8	67.6	18.8	1279				
19	48.8	67.4	18.6	1279				
20	48.7	67.1	18.4	1279				
21	48.7	67.4	18.7	1279				
22	49.4	68.2	18.8	1279				
23	49.8	68.3	18.5	1381				
24	50.9	65.5	14.6	1891				
25	50.9	65.5	14.6	1891				
26	50.7	65.2	14.5	1891				
27	50.5	64.9	14.4	1891				
28	50.4	64.6	14.2	1916				
29	51.3	62.1	10.8	2486				
30	51.9	64.5	12.6	2486				
31	50.7	64.7	14.0	2486				
MONTHLY AVG	50.0	67.3	17.3	1499	7.8	7.8	7.7	7.9
MONTHLY HIGH	51.9	70.2	18.9	2486	7.8	7.8	7.7	7.9
MONTHLY LOW	48.7	62.1	10.8	1279	7.8	7.8	7.7	7.9
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MAX 22 = 0	MAX 2760 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED			(**)					
TIMES EXCEEDED								

REMARKS:

\* NUMBER OF SAMPLES TAKEN DURING THE DAY.

\*\* EXCEPT DURING DEMUSSELING.

\*\*\* DAILY WHEN DISCHARGING CHEMICAL CLEANING WASTES FROM DISCHARGES 001D, F, I, L, AND/OR M.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 05 / 01

YEAR / MO / DAY  
ENDING 07 / 05 / 31

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 pH pH UNITS GRAB MONTHLY	EFFLUENT 004 pH pH UNITS GRAB MONTHLY	EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY	EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***)	EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY	EFFLUENT 001 T CHLOR RES ug/l GRAB (****) 2 per CYCLE	EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY
1							< 20	209
2						ND(5)	20	216
3	7.9	7.9	3 ND(5)				35	216
4							35	216
5							29	216
6							32	216
7							26	216
8							26	216
9							32	209
10			3 < 5				32	202
11							35	202
12							32	151
13							35	168
14							35	202
15							32	202
16							32	202
17			3 ND(5)				26	134
18							29	202
19							32	202
20							29	202
21							32	216
22							35	230
23							32	250
24			3 < 5				36	346
25							62	346
26							39	346
27							36	346
28							39	346
29							49	403
30			3 ND(5)				14	461
31							26	465
MONTHLY AVG	7.9	7.9	< 5	NO	NO	ND(5)	32	250
MONTHLY HIGH	7.9	7.9	6	DISCHARGE	DISCHARGE	ND(5)	62	465
MONTHLY LOW	7.9	7.9	ND(5)			ND(5)	<20	134
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	I MAX 200 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0		
TIMES EXCEEDED								

REMARKS:

- \* NUMBER OF SAMPLES TAKEN DURING THE DAY.
- \*\* WHEN 001N IS DISCHARGING TO 001P.
- \*\*\* WHEN 001P IS DISCHARGING TO 003.
- \*\*\*\* CONTINUOUS CHLORINE MONITORING USED INSTEAD OF GRAB SAMPLE ANALYSIS

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 YEAR / MO / DAY ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFF 001N⇒003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N⇒003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS			EFFLUENT 001F SUSPENDED SOLIDS		
			mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET
1			2	1	2	ND(5)		
2								
3			2	2	2	ND(5)		
4								
5								
6								
7			2	< 1	2	ND(5)		
8								
9			3	1	3	< 5		
10								
11								
12								
13								
14								
15								
16								
17								
18			2	25	2	< 1	2	25
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	NO	**< 5			15		
MONTHLY HIGH	DISCHARGE	DISCHARGE	25			15		
MONTHLY LOW			ND(5)			15		
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED	I MAX >10K							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* FLOW-WEIGHTED AVERAGES REPORTED.

PRINCIPAL EXECUTIVE OFFICER  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
*Bryan Cunningham*  
DATE  
7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (M) 4

FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 05 / 01

YEAR / MO / DAY  
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STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS			EFFLUENT 001H SUSPENDED SOLIDS					
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET			
		GRAB			GRAB				
		MONTHLY			MONTHLY				
1									
2				4	4	ND(5)			
3									
4									
5									
6									
7									
8									
9									
10									
11	<	1				ND(5)			
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG			ND(5)			ND(5)			
MONTHLY HIGH			ND(5)			ND(5)			
MONTHLY LOW			ND(5)			ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30=0	NO LIMIT	NO LIMIT	MO AVG 30=0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY:

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 05 / 01	YEAR / MO / DAY ENDING 07 / 05 / 31	STATE CODE 06	NPDES PERMIT # CA0003751
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB MONTHLY			EFFLUENT 001J SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB MONTHLY					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27				2				ND(5)	
28									
29									
30									
31									
MONTHLY AVG	NO						ND(5)		
MONTHLY HIGH	DISCHARGE						ND(5)		
MONTHLY LOW							ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0			
TIMES EXCEEDED			MAX 100 = 0			MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 05 / 01		YEAR / MO / DAY ENDING 07 / 05 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001L SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO						ND(5)		
MONTHLY HIGH	DISCHARGE						ND(5)		
MONTHLY LOW							ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 YEAR / MO / DAY ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS				EFFLUENT 001N SUSPENDED SLDS	EFFLUENT 001P SUSPENDED SOLIDS				
	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET		mg/1 COMPOSITE WEEKLY	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET		
	*	*	*	*	*	*	*	*	*	
1										
2										
3					29	5	1	ND(5)		
4										
5										
6										
7										
8										
9										
10					76					
11										
12										
13										
14										
15										
16										
17					32					
18										
19										
20										
21										
22										
23										
24					49					
25										
26										
27										
28										
29										
30					32					
31										
MONTHLY AVG	NO				44	ND(5)				
MONTHLY HIGH	DISCHARGE				76	ND(5)				
MONTHLY LOW					29	ND(5)				
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 60 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0			
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 0			
TIMES EXCEEDED										

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 YEAR / MO / DAY ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS						EFFLUENT 003 SUSPENDED SOLIDS						
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET				
		GRAB MONTHLY						GRAB MONTHLY					
1													
2													
3	2	7	2	1	2	6	2	23	2	1	2	23	
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MONTHLY AVG						6						23	
MONTHLY HIGH						7						25	
MONTHLY LOW						5						20	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0		NO LIMIT	NO LIMIT	MO AVG 30 = 0		NO LIMIT	NO LIMIT	MO AVG 30 = 0		
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 0				D MAX 100 = 0		
TIMES EXCEEDED													

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

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*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE	NPDES PERMIT #	
3 402003001	BEGINNING	07 / 05 / 01	ENDING	07 / 05 / 31		06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    mg/1 NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/1 GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/1 GRAB MONTHLY	EFFLUENT 001 COPPER ug/1 GRAB MONTHLY	EFFLUENT 001 NICKEL ug/1 GRAB MONTHLY	EFFLUENT 001 ZINC ug/1 GRAB MONTHLY	
1									
2									
3				ND(0.1)					
4									
5									
6									
7									
8									
9									
10				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
11									
12									
13									
14									
15									
16									
17				ND(0.1)					
18									
19									
20									
21									
22									
23									
24				ND(0.1)					
25									
26									
27									
28									
29									
30				ND(0.1)					
31									
MONTHLY AVG	NO			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY HIGH	DISCHARGE			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY LOW				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 1.0 = 0	6M-MED 10 = 0	6M-MED 10 = 0	6M-MED 30 = 0	6M-MED 70 = 0	
TIMES EXCEEDED			D MAX 100 = 0	D MAX 3.0 = 0	D MAX 40 = 0	D MAX 50 = 0	D MAX 100 = 0	D MAX 380 = 0	
TIMES EXCEEDED					I MAX 100 = 0	I MAX 140 = 0	I MAX 280 = 0	I MAX 990 = 0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (Q) 1

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 05 / 01		YEAR / MO / DAY ENDING 07 / 05 / 31		STATE CODE 06	NPDES PERMIT # CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	
1									
2									
3									
4									
5									
6									
7									
8									
9						5			
10									
11	ND(10)	ND(10)	ND(10)						
12									
13									
14									
15									
16									
17									
18						ND(5)			
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29						7			
30									
31									
MONTHLY AVG	ND(10)	ND(10)	ND(10)			** < 5			
MONTHLY HIGH	ND(10)	ND(10)	ND(10)			7			
MONTHLY LOW	ND(10)	ND(10)	ND(10)			ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	
TIMES EXCEEDED					I MAX 30600 = 0				

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* FLOW-WEIGHTED AVERAGE RESULT REPORTED.

PRINCIPAL EXECUTIVE OFFICER  
  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
*Bryan Cunningham*  
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7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (Q) 2

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 05 / 01		YEAR / MO / DAY ENDING 07 / 05 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
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MONTHLY AVG	ND(5)							
MONTHLY HIGH	ND(5)							
MONTHLY LOW	ND(5)							
TIMES EXCEEDED	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (Q) 3

FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 05 / 01

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ENDING 07 / 05 / 31

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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TIMES EXCEEDED	MO AVG 15 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED	D MAX 20 = 0						
TIMES EXCEEDED	6M-MED 0.26=0						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 05 / 01		YEAR / MO / DAY ENDING 07 / 05 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001	BEGINNING	07 / 05 / 01	ENDING	07 / 05 / 31	06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT
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TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 05 / 01		YEAR / MO / DAY ENDING 07 / 05 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
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AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 05 / 01	ENDING	07 / 05 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT		
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW						
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT		

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER  
  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 05 / 01	ENDING	07 / 05 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/l 24-HR COMP. METAL CLNG	
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MONTHLY AVG	NO	NO	NO	NO	NO	
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	
MONTHLY LOW						
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG	
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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MONTHLY LOW								ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	6M-MED 30 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 150 = 0		D MAX 20 = 0		D MAX 40 = 0	
TIMES EXCEEDED			I MAX 400 = 0		I MAX 50 = 0		I MAX 100 = 0	

REMARKS:

\* NUMBER OF SAMPLES TAKEN DURING THE DAY.

\*\* INFLUENT ANALYSIS PERFORMED FOR COMPARISON TO EFFLUENTS.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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FACILITY I.D.  
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YEAR / MO / DAY  
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NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/l GRAB OCTOBER	EFFLUENT 001 MERCURY ug/l GRAB OCTOBER	INFLUENT SILVER ug/l GRAB OCTOBER	EFFLUENT 001 SILVER ug/l GRAB OCTOBER	INFLUENT CYANIDE ug/l GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/l GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	6M-MED 0.2=0	NO LIMIT	6M-MED 2.9=0	NO LIMIT	6M-MED 30=0	NO LIMIT	6M-MED 150=0
TIMES EXCEEDED		DMAX 0.8 = 0		DMAX 13.6=0		DMAX 100=0		DMAX 610= 0
TIMES EXCEEDED		IMAX 2 = 0		IMAX 35= 0		IMAX 260=0		IMAX 1530=0

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

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ENDING 07 / 05 / 31

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER	
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TIMES EXCEEDED	NO LIMIT	6M-MED 10=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0	MO AVG 15=0	
TIMES EXCEEDED		DMAX 20=0				DMAX 20=0	DMAX 20=0	
TIMES EXCEEDED		IMAX 50=0						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 05 / 01

YEAR / MO / DAY  
ENDING 07 / 05 / 31

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER	
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MONTHLY AVG								
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MONTHLY LOW								
TIMES EXCEEDED	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	NO LIMIT	NO LIMIT	
TIMES EXCEEDED	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0			
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	07 / 05 / 01	ENDING	07 / 05 / 31	06	CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE MOISTURE % GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE pH pH units GRAB OCTOBER	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE BORON mg/kg GRAB OCTOBER	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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DIABLO CANYON NUCLEAR POWER PLANT  
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 05 / 01 ENDING 07 / 05 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	
TIMES EXCEEDED	10 mg/kg=0	250 mg/kg=0	50 mg/kg=0	50 mg/kg=0	200 mg/kg=0	2 mg/kg=0	2500 mg/kg=0	
TIMES EXCEEDED	TTL>100=0	TTL>2500=0	TTL>500=0	TTL>1000=0	TTL>2000=0	TTL>20=0	TTL>5000=0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
*Bryan Cunningham*  
DATE  
7/19/2007

## **APPENDIX 4**

### **DIABLO CANYON POWER PLANT**

#### **Influent and Effluent Monitoring**

**June 2007**



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 06 / 01 YEAR / MO / DAY ENDING 07 / 06 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 TEMPERATURE DEGREES F METERED CONTINUOUS	DELTA TEMP TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 FLOW MGD RECORDED DAILY	INFLUENT pH pH UNITS GRAB MONTHLY	EFFLUENT 001 pH pH UNITS GRAB MONTHLY (**)	EFFLUENT 001P pH pH UNITS GRAB MONTHLY	EFFLUENT 002 pH pH UNITS GRAB MONTHLY
	*	*	*	*	*	*	*	*
1	50.2	66.5	16.3	2486	7.8	7.8	2	7.9
2	50.5	68.4	17.9	2486				
3	51.0	69.2	18.2	2486				
4	51.0	69.2	18.2	2486				
5	51.1	69.2	18.1	2486				
6	50.6	68.9	18.3	2486				
7	50.1	68.4	18.3	2486				
8	50.2	68.6	18.4	2486				
9	49.8	68.0	18.2	2486				
10	49.9	68.0	18.1	2486				
11	51.3	69.2	17.9	2486				
12	52.1	70.2	18.1	2486				
13	52.6	70.9	18.3	2486				
14	52.8	71.4	18.6	2486				
15	54.7	73.4	18.7	2486				
16	53.4	71.9	18.5	2486				
17	52.1	70.2	18.1	2486				
18	52.4	70.6	18.2	2486				
19	54.7	73.3	18.6	2486				
20	53.8	72.4	18.6	2486				
21	51.4	69.9	18.5	2486				
22	50.5	68.8	18.3	2486				
23	50.0	68.3	18.3	2486				
24	50.4	68.5	18.1	2486				
25	49.9	68.0	18.1	2486				
26	51.2	69.1	17.9	2486				
27	50.2	68.7	18.5	2486				
28	49.7	68.0	18.3	2486				
29	49.3	67.5	18.2	2486				
30	49.8	68.0	18.2	2486				
31								
MONTHLY AVG	51.2	69.4	17.6	2486	7.8	7.8	7.6	7.9
MONTHLY HIGH	54.7	73.4	18.7	2486	7.8	7.8	7.6	7.9
MONTHLY LOW	49.3	66.5	16.3	2486	7.8	7.8	7.6	7.9
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MAX 22 = 0	MAX 2760 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED			(**)					
TIMES EXCEEDED								

REMARKS:

\* NUMBER OF SAMPLES TAKEN DURING THE DAY.

\*\* EXCEPT DURING DEMUSSELING.

\*\*\* DAILY WHEN DISCHARGING CHEMICAL CLEANING WASTES FROM DISCHARGES 001D, F, I, L, AND/OR M.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 06 / 01

YEAR / MO / DAY  
ENDING 07 / 06 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 pH pH UNITS GRAB MONTHLY	EFFLUENT 004 pH pH UNITS GRAB MONTHLY	EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY	EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***)	EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY	EFFLUENT 001 T CHLOR RES ug/l GRAB (****) 2 per CYCLE	EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY
1	7.8	7.8				ND(5)	23	490
2							18	490
3							12	490
4							15	494
5							23	518
6							26	518
7							34	518
8			3	ND(5)			31	504
9							28	504
10							28	504
11							25	504
12							23	504
13							28	504
14			3	ND(5)			31	504
15							23	504
16							20	504
17							22	504
18							23	504
19							18	504
20							16	504
21			3	ND(5)			21	502
22							23	490
23							26	475
24							23	475
25							26	461
26							21	446
27			3	ND(5)			28	446
28							31	446
29							34	446
30							34	446
31								
MONTHLY AVG	7.8	7.8	ND(5)	NO	NO	ND(5)	25	490
MONTHLY HIGH	7.8	7.8	ND(5)	DISCHARGE	DISCHARGE	ND(5)	34	518
MONTHLY LOW	7.8	7.8	ND(5)			ND(5)	12	446
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	I MAX 200 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0		
TIMES EXCEEDED								

REMARKS:

\* NUMBER OF SAMPLES TAKEN DURING THE DAY.

\*\* WHEN 001N IS DISCHARGING TO 001P.

\*\*\* WHEN 001P IS DISCHARGING TO 003.

\*\*\*\* CONTINUOUS CHLORINE MONITORING USED INSTEAD OF GRAB SAMPLE ANALYSIS

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.  
3402003001

YEAR / MO / DAY  
BEGINNING 07 / 06 / 01

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ENDING 07 / 06 / 30

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06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFF 001N=>003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=>003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS			EFFLUENT 001F SUSPENDED SOLIDS		
			mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET
1			2	2	2	ND(5)	2	13
2								
3								
4			2	< 1	2	ND(5)		
5			2	1	2	ND(5)		
6								
7								
8								
9								
10								
11								
12								
13			<	1		ND(5)		
14								
15								
16								
17								
18			2	32	2	< 1	2	33
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	NO			**<	5		13
MONTHLY HIGH	DISCHARGE	DISCHARGE				34		13
MONTHLY LOW						ND(5)		13
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED	1 MAX >10K							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* FLOW-WEIGHTED AVERAGES REPORTED.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
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FACILITY I.D. 3 402003001  
YEAR / MO / DAY BEGINNING 07 / 06 / 01  
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS			EFFLUENT 001H SUSPENDED SOLIDS					
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET			
		GRAB			GRAB				
		MONTHLY			MONTHLY				
1	1		ND(5)	1	1	ND(5)			
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG			ND(5)			ND(5)			
MONTHLY HIGH			ND(5)			ND(5)			
MONTHLY LOW			ND(5)			ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30=0	NO LIMIT	NO LIMIT	MO AVG 30=0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

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DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 06 / 01	ENDING	07 / 06 / 30	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    GRAB MONTHLY			EFFLUENT 001J SUSPENDED SOLIDS mg/1 1st FLTR    mg/1 2nd FLTR    GRAB MONTHLY		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG	NO			NO		
MONTHLY HIGH	DISCHARGE			DISCHARGE		
MONTHLY LOW						
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			MAX 100 = 0			MAX 100 = 0
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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AVILA BEACH, CALIF 93424

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FACILITY I.D. 3402003001 YEAR / MO / DAY BEGINNING 07 / 06 / 01 YEAR / MO / DAY ENDING 07 / 06 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS			EFFLUENT 001L SUSPENDED SOLIDS			
	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	
1				2	< 1	2	ND(5)
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	NO						ND(5)
MONTHLY HIGH	DISCHARGE						ND(5)
MONTHLY LOW							ND(5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0	
TIMES EXCEEDED							

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
*Bryan Cunningham*  
DATE  
7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			EFFLUENT 001N SUSPENDED SLODS mg/1 COMPOSITE WEEKLY		EFFLUENT 001P SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			
1							3	< 1	ND(5)
2									
3									
4									
5									
6									
7									
8					58				
9									
10									
11									
12									
13									
14					12				
15									
16									
17									
18									
19									
20									
21					55				
22									
23									
24									
25									
26									
27					7				
28									
29									
30									
31									
MONTHLY AVG	NO			33				ND(5)	
MONTHLY HIGH	DISCHARGE			58				ND(5)	
MONTHLY LOW				7				ND(5)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 60 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0		
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 0		
TIMES EXCEEDED									

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 06 / 01

YEAR / MO / DAY  
ENDING 07 / 06 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS						EFFLUENT 003 SUSPENDED SOLIDS							
	mg/1 1st FLTR	mg/1 2nd FLTR	GRAB		MONTHLY		mg/1 1st FLTR	mg/1 2nd FLTR	GRAB		MONTHLY			
	*		*		*		*		*		*			
1	2	1	2	<	1	2	ND(5)	2	7	2	1	2	6	
2														
3														
4														
5														
6														
7														
8								2	4	2	<	1	2	ND(5)
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MONTHLY AVG	ND(5)						< 5							
MONTHLY HIGH	ND(5)						7							
MONTHLY LOW	ND(5)						ND(5)							
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0		NO LIMIT		NO LIMIT		NO LIMIT		MO AVG 30 = 0			
TIMES EXCEEDED	D MAX 100 = 0						D MAX 100 = 0							
TIMES EXCEEDED														

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (M) 9

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	07 / 06 / 01	ENDING	07 / 06 / 30	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/l 1st FLTR    mg/l 2nd FLTR    mg/l NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/l GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/l GRAB MONTHLY	EFFLUENT 001 COPPER ug/l GRAB MONTHLY	EFFLUENT 001 NICKEL ug/l GRAB MONTHLY	EFFLUENT 001 ZINC ug/l GRAB MONTHLY
1					ND(10)	ND(10)	ND(10)	ND(10)
2								
3								
4								
5								
6								
7								
8				0.1				
9								
10								
11								
12								
13								
14				ND(0.1)**				
15								
16								
17								
18								
19								
20								
21				3.9***				
22								
23								
24								
25								
26								
27				ND(0.1)				
28								
29								
30								
31								
MONTHLY AVG	NO			1.0	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY HIGH	DISCHARGE			3.9	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY LOW				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 1.0 = 0	6M-MED 10 = 0	6M-MED 10 = 0	6M-MED 30 = 0	6M-MED 70 = 0
TIMES EXCEEDED			D MAX 100 = 0	D MAX 3.0 = 1	D MAX 40 = 0	D MAX 50 = 0	D MAX 100 = 0	D MAX 380 = 0
TIMES EXCEEDED					I MAX 100 = 0	I MAX 140 = 0	I MAX 250 = 0	I MAX 990 = 0

REMARKS:

- \* NUMBER OF SAMPLES TAKEN DURING THE DAY.
- \*\* ANALYSIS NOT PERFORMED WITHIN 48-HOUR MAXIMUM HOLD TIME. REFERENCE REPORT OVERVIEW SECTION 5.
- \*\*\* SETTLEABLE SOLIDS EXCEEDANCE. REFERENCE REPORT OVERVIEW SECTION 6.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (Q) 1

FACILITY I.D.  
3402003001

YEAR / MO / DAY  
BEGINNING 07 / 06 / 01

YEAR / MO / DAY  
ENDING 07 / 06 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1	ND(10)	ND(10)	ND(10)					
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18						ND(5)		
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31								
MONTHLY AVG.	ND(10)	ND(10)	ND(10)			ND(5)		
MONTHLY HIGH	ND(10)	ND(10)	ND(10)			ND(5)		
MONTHLY LOW	ND(10)	ND(10)	ND(10)			ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED					I MAX 30600 = 0			

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (Q) 2

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 06 / 01 ENDING 07 / 06 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
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27					ND(5)			
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31								
MONTHLY AVG	ND(5)							
MONTHLY HIGH	ND(5)							
MONTHLY LOW	ND(5)							
TIMES EXCEEDED	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 06 / 01	ENDING	07 / 06 / 30	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT
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MONTHLY AVG						
MONTHLY HIGH						
MONTHLY LOW						
TIMES EXCEEDED	MO AVG 15 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED	D MAX 20 = 0					
TIMES EXCEEDED	6M-MED 0.26=0					

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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PO BOX 56  
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 06 / 01 ENDING 07 / 06 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/l 1 WEEK COMP JA/AP/JUL/OCT
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 06 / 01		YEAR / MO / DAY ENDING 07 / 06 / 30		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT
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31								
MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	07 / 06 / 01	ENDING	07 / 06 / 30	06	CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW									
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 06 / 01 ENDING 07 / 06 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW					
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007



CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
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AVILA BEACH, CALIF 93424

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FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 06 / 01

YEAR / MO / DAY  
ENDING 07 / 06 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/l 24-HR COMP. METAL CLNG	
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MONTHLY AVG	NO	NO	NO	NO	NO	
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	
MONTHLY LOW						
TIMES EXCEEDED	MO AVG 1=0	MO AVG 1=0	MO AVG 1=0	MO AVG 1=0	MO AVG 1=0	
TIMES EXCEEDED	D MAX 1=0	D MAX 1=0	D MAX 1=0	D MAX 1=0	D MAX 1=0	
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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895 AEROVISTA PLACE, SUITE 101  
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 06 / 01	ENDING	07 / 06 / 30	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG	
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MONTHLY AVG	NO	NO	NO	NO	NO	
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	
MONTHLY LOW						
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	
TIMES EXCEEDED						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
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DISCHARGE SELF MONITORING REPORT

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PAGE: (A) 1

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	07 / 06 / 01	ENDING	07 / 06 / 30	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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MONTHLY AVG								ND(10)
MONTHLY HIGH								ND(10)
MONTHLY LOW								ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	6M-MED 30 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 150 = 0		D MAX 20 = 0		D MAX 40 = 0	
TIMES EXCEEDED			I MAX 400 = 0		I MAX 50 = 0		I MAX 100 = 0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.  
\*\* INFLUENT ANALYSIS PERFORMED FOR COMPARISON TO EFFLUENTS.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
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PAGE: (A) 2

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 06 / 01		YEAR / MO / DAY ENDING 07 / 06 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/l GRAB OCTOBER	EFFLUENT 001 MERCURY ug/l GRAB OCTOBER	INFLUENT SILVER ug/l GRAB OCTOBER	EFFLUENT 001 SILVER ug/l GRAB OCTOBER	INFLUENT CYANIDE ug/l GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/l GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
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21									
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23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
TIMES EXCEEDED	NO LIMIT	6M-MED 0.2=0	NO LIMIT	6M-MED 2.9=0	NO LIMIT	6M-MED 30=0	NO LIMIT	6M-MED 150=0	
TIMES EXCEEDED		DMAX 0.8 = 0		DMAX 13.6=0		DMAX 100=0		DMAX 610= 0	
TIMES EXCEEDED		IMAX 2 = 0		IMAX 35= 0		IMAX 260=0		IMAX 1530=0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (A) 3

FACILITY I.D. 3402003001  
YEAR / MO / DAY BEGINNING 07 / 06 / 01  
YEAR / MO / DAY ENDING 07 / 06 / 30  
STATE CODE 06  
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER	
1								
2								
3								
4								
5								
6								
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24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	6M-MED 10=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0	MO AVG 15=0	
TIMES EXCEEDED		DMAX 20=0				DMAX 20=0	DMAX 20=0	
TIMES EXCEEDED		IMAX 50=0						

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER  
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT  
*Bryan Cunningham*  
DATE  
7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (A) 4

FACILITY I.D.  
3 402003001

YEAR / MO / DAY  
BEGINNING 07 / 06 / 01

YEAR / MO / DAY  
ENDING 07 / 06 / 30

STATE CODE  
06

NPDES PERMIT #  
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	NO LIMIT	NO LIMIT	
TIMES EXCEEDED	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0			
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (A) 5

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 06 / 01		YEAR / MO / DAY ENDING 07 / 06 / 30		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE MOISTURE % GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE pH pH units GRAB OCTOBER	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE BORON mg/kg GRAB OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	7/19/2007

CALIFORNIA REGIONAL WATER QUALITY  
CONTROL BOARD  
CENTRAL COAST REGION  
895 AEROVISTA PLACE, SUITE 101  
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.  
DIABLO CANYON NUCLEAR POWER PLANT  
PO BOX 56  
AVILA BEACH, CALIF 93424

PAGE: (A) 6

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 07 / 06 / 01 ENDING 07 / 06 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
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18								
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21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	
TIMES EXCEEDED	10 mg/kg=0	250 mg/kg=0	50 mg/kg=0	50 mg/kg=0	200 mg/kg=0	2 mg/kg=0	2500 mg/kg=0	
TIMES EXCEEDED	TTLT>100=0	TTLT>2500=0	TTLT>500=0	TTLT>1000=0	TTLT>2000=0	TTLT>20=0	TTLT>5000=0	

REMARKS: \* NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT

*Bryan Cunningham*

DATE

7/19/2007

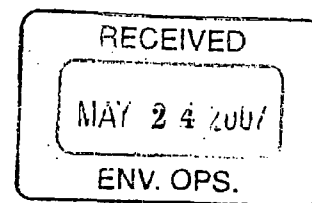
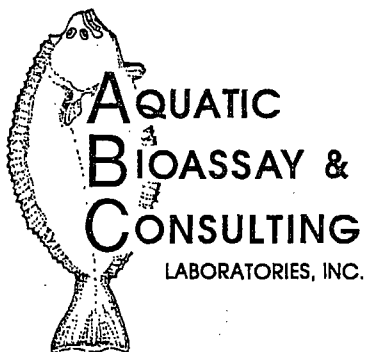


**APPENDIX 5**

**DIABLO CANYON POWER PLANT**

**Acute Bioassay**

**April 26-30, 2007**



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

May 8, 2007

Ms. Vicki Ziegler  
FGL Environmental  
P.O. Box 272  
Santa Paula, CA 93061

Dear Ms. Ziegler:

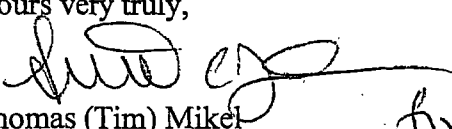
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Guidelines for Performing Static Acute Fish Bioassays in Municipal and Industrial Waste Waters* as provided to us by Frederic R. Kopperdahl, Fish and Wildlife Water Pollution Control Laboratory, Department of Fish and Game. Results were as follows:

CLIENT:	PG&E Diablo Canyon
SAMPLE I.D.:	PG&E Diablo Canyon – DCPD Discharge 001 Acute
DATE RECEIVED:	25 April - 07
ABC LAB. NO.:	FGL0407.248

#### ACUTE ABALONE SURVIVAL BIOASSAY

LC50	=	100 % Survival in 100 % Sample
TUa	=	0.00

Yours very truly,

  
Thomas (Tim) Mikel  
Laboratory Director

*for Tim Mikel*

**-96 Hr Survival**

Start Date: 4/26/2007 Test ID: FGL0407248 Sample ID: CA0000000  
End Date: 4/30/2007 Lab ID: CAABC Sample Type: EFF3-Power Plant  
Sample Date: 4/25/2007 Protocol: KOP 76-Kopperdahl Test Species: HR-Haliotis rufescens  
Comments: DCPD Discharge 001 Acute (704434)

Conc-%	1	2
N Control	1.0000	1.0000
100	1.0000	1.0000

Conc-%	Mean	N-Mean	Transform: Arcsin Square Root					Isotonic	
			Mean	Min	Max	CV%	N	Mean	N-Mean
N Control	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	1.0000	1.0000
100	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2	1.0000	1.0000

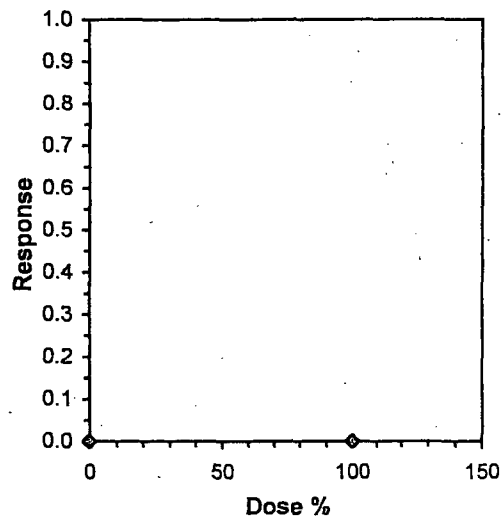
**Auxiliary Tests****Statistic****Critical****Skew****Kurt**

Normality of the data set cannot be confirmed

Equality of variance cannot be confirmed

**Linear Interpolation (200 Resamples)**

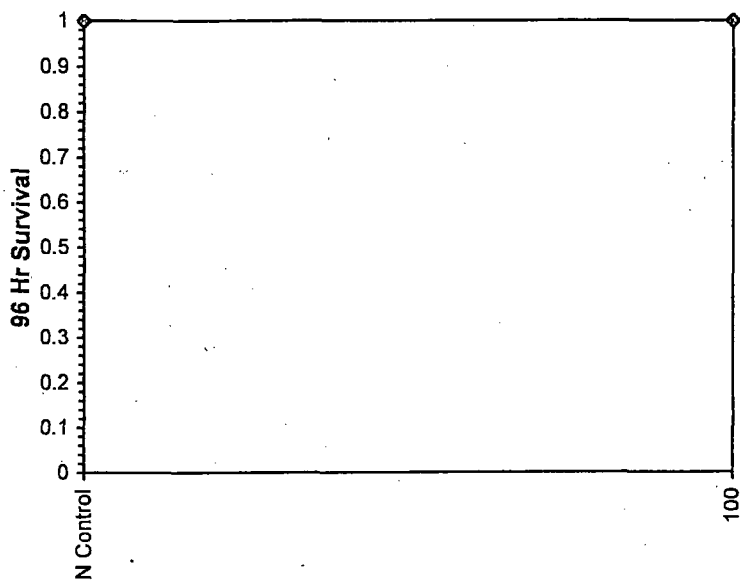
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



# -96 Hr Survival

Start Date:	4/26/2007	Test ID:	FGL0407248	Sample ID:	CA0000000
End Date:	4/30/2007	Lab ID:	CAABC	Sample Type:	EFF3-Power Plant
Sample Date:	4/25/2007	Protocol:	KOP 76-Kopperdahl	Test Species:	HR-Haliotis rufescens
Comments:	DCPP Discharge 001 Acute (704434)				

## Dose-Response Plot



**-96 Hr Survival**

Start Date: 4/26/2007 Test ID: FGL0407248 Sample ID: CA0000000  
End Date: 4/30/2007 Lab ID: CAABC Sample Type: EFF3-Power Plant  
Sample Date: 4/25/2007 Protocol: KOP 76-Kopperdahl Test Species: HR-Haliotis rufescens  
Comments: DCPD Discharge 001 Acute (704434)

**Auxiliary Data Summary**

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.26	15.10	15.50	0.12	2.25	10
100		15.30	15.10	15.50	0.15	2.52	10
N Control	pH	7.79	7.70	7.90	0.07	3.49	10
100		7.75	7.60	7.90	0.12	4.43	10
N Control	DO mg/L	7.89	7.60	8.10	0.19	5.46	10
100		7.86	7.70	8.20	0.20	5.63	10
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	10
100		35.00	35.00	35.00	0.00	0.00	10
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0



# Subcontract Chain of Custody

## CLIENT DETAILS:

Client: FGL Environmental

Address: 853 Corporation Street  
Santa Paula, CA 93061

Phone: (805) 659-0910

Fax: (805) 525-4172

Project: 104434

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

## REPORT INFORMATION:

Rush Analysis: ☐ 5 days ☐ 4 days ☐ 3 days ☐ 2 days ☐ 24 hours

Electronic Data Transfer: YES / NO

If yes, To: State \_\_\_\_\_ Client \_\_\_\_\_ Other \_\_\_\_\_

## REMARKS:

## SAMPLING:

Sampler(s) Jim Smith

Sample Number	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metals Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	Preservative: (1) NaOH + ZnAc (2) NaOH (3) HCl (4) H2SO4 (5) HNO3 (6) Na2S2O3 (7) Other _____	ANALYSIS REQUESTED	Acute Toxicity	Chronic Toxicity						
	DCPP Discharge cool Acute	4/25/07	0800	G	1	P	NP	WW				X							TEMP. = 8.0 °C
	DCPP Discharge cool chronic	↓	0710	C	↓	↓	↓	↓					X						TEMP. = 9.1 °C

## CUSTODY:

Relinquished by: [Signature]

Date: 4/25/07

Time: 4:10

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: [Signature]

Date: 4/25/07

Time: ↓ 1610

Received by: \_\_\_\_\_

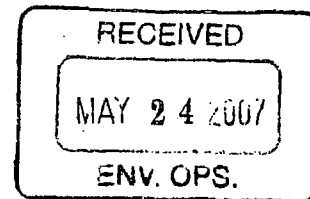
Date: \_\_\_\_\_ Time: \_\_\_\_\_

**APPENDIX 6**

**DIABLO CANYON POWER PLANT**

Chronic Bioassay

April 26-28, 2007



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

May 8, 2007

Ms. Vicki Ziegler  
FGL Environmental  
P.O. Box 272  
Santa Paula, CA 93060

Dear Ms. Ziegler:

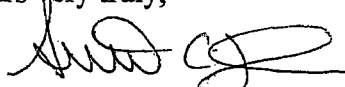
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-R-95/136. Results were as follows:

CLIENT:	PGE Diablo Canyon
SAMPLE I.D.:	PGE Diablo Canyon —DCPP Discharge 001 Chronic
DATE RECEIVED:	25 April - 07
ABC LAB. NO.:	FGL0407.247

#### CHRONIC ABALONE LARVAL DEVELOPMENT BIOASSAY

NOEC =	100.00 %
TUc =	1.00
IC25 =	>100.00 %
IC50 =	>100.00 %

Yours very truly,

  
Thomas (Tim) Mikel  
Laboratory Director

*for Tim Mikel*



### Abalone Larval Development Test-Proportion Normal

Start Date: 4/26/2007	Test ID: FGL0407247	Sample ID: CA0000000
End Date: 4/28/2007	Lab ID: CAABC	Sample Type: EFF1-POTW
Sample Date: 4/25/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: DCPD Discharge 001 Chronic (704434)		

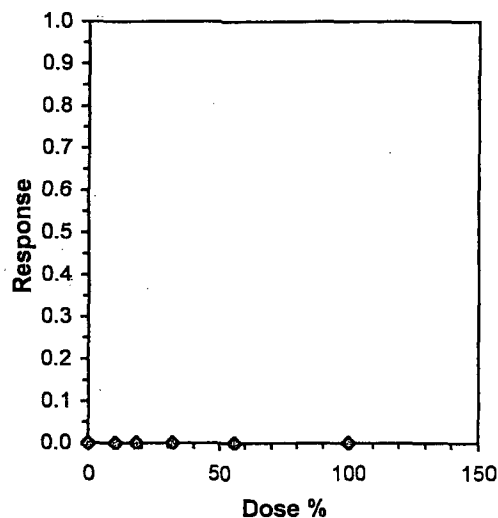
Conc-%	1	2	3	4	5
N Control	1.0000	1.0000	1.0000	1.0000	1.0000
10	1.0000	1.0000	1.0000	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
32	1.0000	1.0000	1.0000	1.0000	1.0000
56	1.0000	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000	1.0000

Conc-%	Mean	N-Mean	Transform: Arcsin Square Root					Rank Sum	1-Tailed Critical	Isotonic	
			Mean	Min	Max	CV%	N			Mean	N-Mean
N Control	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5			1.0000	1.0000
10	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	16.00	1.0000	1.0000
18	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	16.00	1.0000	1.0000
32	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	16.00	1.0000	1.0000
56	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	16.00	1.0000	1.0000
100	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	16.00	1.0000	1.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution ( $p > 0.01$ )	1	0.9		
Equality of variance cannot be confirmed				
Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	100	>100		1
Treatments vs N Control				

#### Linear Interpolation (200 Resamples)

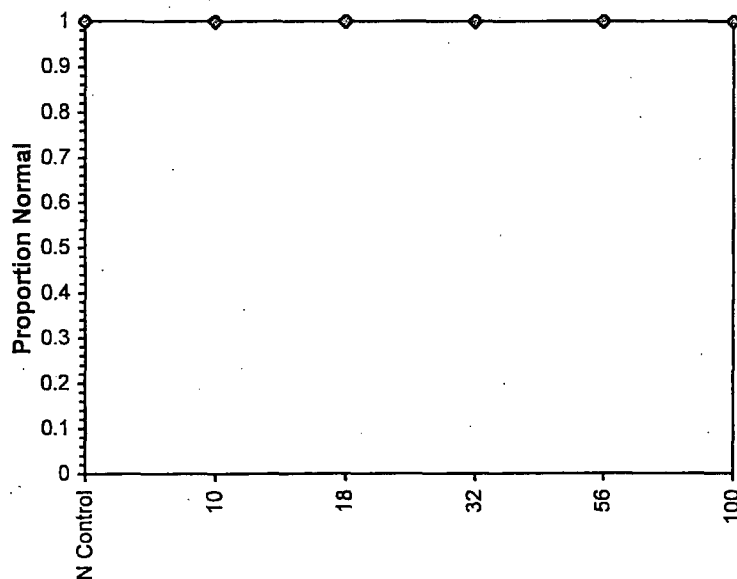
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



### Abalone Larval Development Test-Proportion Normal

Start Date: 4/26/2007	Test ID: FGL0407247	Sample ID: CA0000000
End Date: 4/28/2007	Lab ID: CAABC	Sample Type: EFF1-POTW
Sample Date: 4/25/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: DCCP Discharge 001 Chronic (704434)		

Dose-Response Plot



# Abalone Larval Development Test-Proportion Normal

Start Date: 4/26/2007 Test ID: FGL0407247 Sample ID: CA0000000  
 End Date: 4/28/2007 Lab ID: CAABC Sample Type: EFF1-POTW  
 Sample Date: 4/25/2007 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens  
 Comments: DCPD Discharge 001 Chronic (704434)

## Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.50	15.50	15.50	0.00	0.00	2
10		15.50	15.50	15.50	0.00	0.00	2
18		15.50	15.50	15.50	0.00	0.00	2
32		15.50	15.50	15.50	0.00	0.00	2
56		15.40	15.30	15.50	0.14	2.44	2
100		15.15	14.80	15.50	0.49	4.64	2
N Control	pH	7.90	7.90	7.90	0.00	0.00	2
10		7.90	7.90	7.90	0.00	0.00	2
18		7.90	7.90	7.90	0.00	0.00	2
32		7.90	7.90	7.90	0.00	0.00	2
56		7.90	7.90	7.90	0.00	0.00	2
100		7.90	7.90	7.90	0.00	0.00	2
N Control	DO mg/L	6.40	5.90	6.90	0.71	13.14	2
10		6.30	5.70	6.90	0.85	14.62	2
18		6.30	5.70	6.90	0.85	14.62	2
32		6.25	5.60	6.90	0.92	15.34	2
56		6.25	5.50	7.00	1.06	16.48	2
100		6.05	5.00	7.10	1.48	20.14	2
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	2
10		34.00	34.00	34.00	0.00	0.00	2
18		34.00	34.00	34.00	0.00	0.00	2
32		34.00	34.00	34.00	0.00	0.00	2
56		34.00	34.00	34.00	0.00	0.00	2
100		34.00	34.00	34.00	0.00	0.00	2



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

### CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE: 26 April - 07

STANDARD TOXICANT: Zinc

NOEC = 32.00 ug/l

IC25 = 44.10 ug/l

IC50 = 56.35 ug/l

Yours very truly,

Thomas (Tim) Mikel  
Laboratory Director

# **Abalone Larval Development Test-Proportion Normal**

Start Date: 4/26/2007	Test ID: ABS042607	Sample ID: REF-Ref Toxicant
End Date: 4/28/2007	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 4/26/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

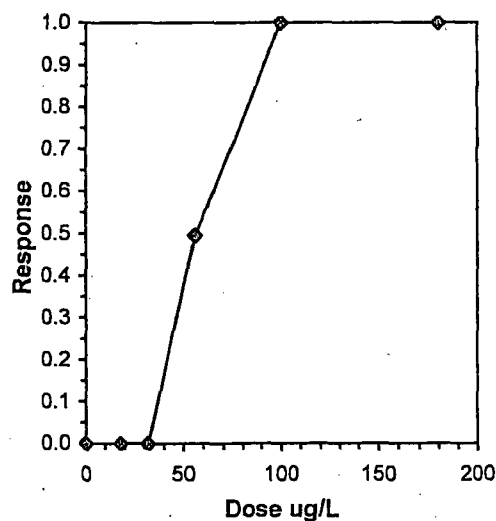
Conc-ug/L	1	2	3	4	5
Control	1.0000	1.0000	1.0000	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
32	1.0000	1.0000	1.0000	1.0000	1.0000
56	0.1600	0.8800	1.0000	0.1000	0.3800
100	0.0000	0.0000	0.0000	0.0000	0.0000
180	0.0000	0.0000	0.0000	0.0000	0.0000

Conc-ug/L	Mean	N-Mean	Transform: Arcsin Square Root					t-Stat	1-Tailed		Isotonic	
			Mean	Min	Max	CV%	N		Critical	MSD	Mean	N-Mean
Control	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5				1.0000	1.0000
18	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	0.000	2.230	0.3678	1.0000	1.0000
32	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	0.000	2.230	0.3678	1.0000	1.0000
*56	0.5040	0.5040	0.8271	0.3218	1.5208	63.055	5	4.207	2.230	0.3678	0.5040	0.5040
100	0.0000	0.0000	0.0500	0.0500	0.0500	0.000	5				0.0000	0.0000
180	0.0000	0.0000	0.0500	0.0500	0.0500	0.000	5				0.0000	0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.69264	0.868	0.8027	4.18304
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test	32	56	42.332		0.16212	0.16252	0.60155	0.06799	0.00109	3, 16
Treatments vs Control										

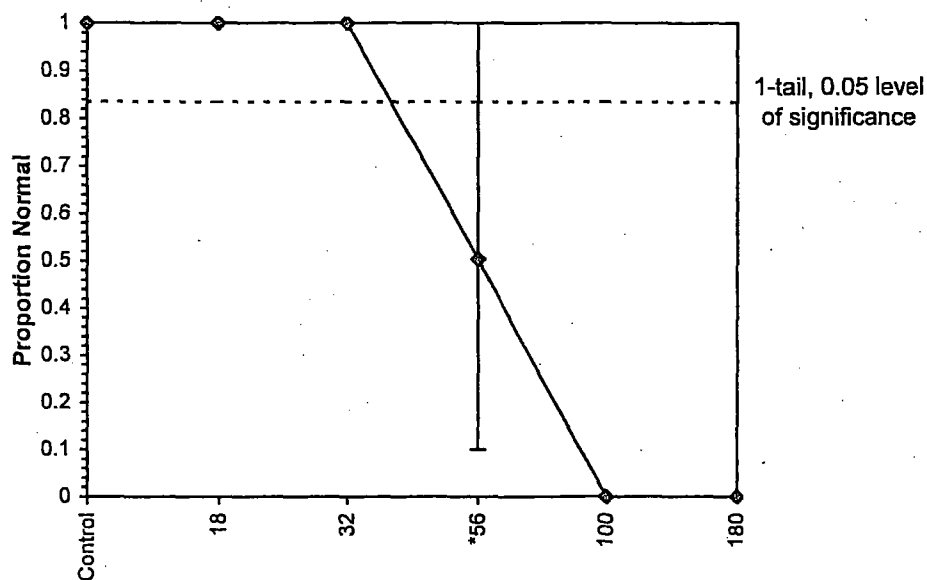
Linear Interpolation (200 Resamples)					
Point	ug/L	SD	95% CL(Exp)		Skew
IC05	34.419	2.022	33.051	41.541	6.5149
IC10	36.839	3.074	34.102	51.082	3.1579
IC15	39.258	4.201	35.152	60.614	2.4367
IC20	41.677	4.898	36.203	65.737	1.9479
IC25	44.097	5.352	37.254	68.491	1.5814
IC40	51.355	6.614	40.406	76.754	0.9022
IC50	56.349	7.605	42.430	82.185	0.5401



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Sample Date: 4/26/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
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**Dose-Response Plot**



### Abalone Larval Development Test-Proportion Normal

Start Date: 4/26/2007	Test ID: ABS042607	Sample ID: REF-Ref Toxicant
End Date: 4/28/2007	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 4/26/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

#### Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
Control	Temp C	15.50	15.50	15.50	0.00	0.00	2
18		15.50	15.50	15.50	0.00	0.00	2
32		15.50	15.50	15.50	0.00	0.00	2
56		15.50	15.50	15.50	0.00	0.00	2
100		15.50	15.50	15.50	0.00	0.00	2
180		15.50	15.50	15.50	0.00	0.00	2
Control	pH	7.90	7.90	7.90	0.00	0.00	2
18		7.90	7.90	7.90	0.00	0.00	2
32		7.90	7.90	7.90	0.00	0.00	2
56		7.90	7.90	7.90	0.00	0.00	2
100		7.90	7.90	7.90	0.00	0.00	2
180		7.90	7.90	7.90	0.00	0.00	2
Control	DO mg/L	6.40	5.90	6.90	0.71	13.14	2
18		6.45	6.00	6.90	0.64	12.37	2
32		6.45	6.00	6.90	0.64	12.37	2
56		6.45	6.00	6.90	0.64	12.37	2
100		6.45	6.00	6.90	0.64	12.37	2
180		6.45	6.00	6.90	0.64	12.37	2
Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	2
18		34.00	34.00	34.00	0.00	0.00	2
32		34.00	34.00	34.00	0.00	0.00	2
56		34.00	34.00	34.00	0.00	0.00	2
100		34.00	34.00	34.00	0.00	0.00	2
180		34.00	34.00	34.00	0.00	0.00	2

## CLIENT DETAILS

## SECTION I

Client: PG&E Diablo Canyon Chemistry

 **New Customer**

Customer Number: \_\_\_\_\_

Address: P.O. Box 56

Avila Beach, Ca. 93424

Phone: (805) 545-3286

FAX: (805) 545-3065

Project name: Quarterly Toxicity

Contact person: Rich Dunc

**Billing Information (if different from above)**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

**Contact person:** \_\_\_\_\_

Purchase order/contract/FGL quote number: \_\_\_\_\_

Pre Log Required: yes \_\_\_\_\_ Frequency: Monthly ☐ Weekly ☐ Quarterly ☐ Other ☐

## SAMPLE INFORMATION

## SECTION IV

[illegible]

## REMARKS

## SECTION V

## CUSTODY

Relinquished by and subject to the terms and conditions on the reverse of this document:

James H. Smith Date 4/25/07 Time 0950

Received by: M. J. Date 11/1/78 Time 0950

Relinquished by: [Signature] Date: 11/15/05 Time: 4:35

Received here \_\_\_\_\_ Date \_\_\_\_\_

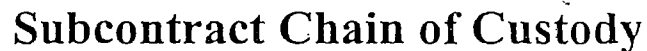
Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Received by: \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_





Client: FGL Environmental  
Address: 853 Corporation Street  
Santa Paula, CA 93061

Project: 704434 Contact Person: \_\_\_\_\_

Rush Analysis: ☐ 5 days ☐ 4 days ☐ 3 days ☐ 2 days ☐ 24 hours

Electronic Data Transfer: YES / NO

If yes, To: State      Client      Other

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Sampler(s) Jim Smith

[illegible]

Relinquished by: M/S

Date: 4/23/01

Time: 4:10

Relinquished by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: A. R. J.

Date: 4/25/17

Time: ✓ 1610

Received by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_