

PG&E Ltr DCL-2009-515
Mr. Briggs, CRWQCB
April 20, 2009
Page 2

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)

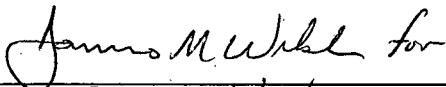
(If "YES", see overview section of attached report)

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Mr. Briggs, CRWQCB
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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 or concerns regarding the report provided, or require additional information, please contact Bryan Cunningham at (805) 545-4439.

Sincerely,


James M. Wetsch

Name: Kenneth J. Peters
Title: Station Director - Diablo Canyon Power Plant

2009515/jlk/bkc

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Mr. Briggs, CRWQCB
April 20, 2009
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cc: w/enclosure

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U.S. Nuclear Regulatory Commission
Region IV
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Arlington, TX 76011-4125

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

Hardcopy Format:

~~U.S. Nuclear Regulatory Commission~~
Document Control Desk
Washington, D.C. 20555-0001

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

ENCLOSURE 1

FIRST QUARTER 2009

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

PACIFIC GAS AND ELECTRIC COMPANY

NUCLEAR POWER GENERATION

First Quarter 2009

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

(NPDES No. CA0003751)

PACIFIC GAS AND ELECTRIC COMPANY

First Quarter 2009

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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APPENDIX 1: NPDES Discharge Points

APPENDIX 2: Influent and Effluent Monitoring - January 2009

APPENDIX 3: Influent and Effluent Monitoring - February 2009

APPENDIX 4: Influent and Effluent Monitoring - March 2009

APPENDIX 5: Acute Bioassay: February 11-15, 2009

APPENDIX 6: Chronic Bioassay: February 11-13, 2009

OVERVIEW

1. During the first quarter of 2009, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001J, 001L, 001M, 001N, 001P, and 002 through 016. No discharges occurred from Discharge Paths 001I, 001K, and 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 first quarter of 2009, 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 DCP's closed cooling water systems. Discharges are drained at a flow rate such that the chronic toxicity level remains below the "No Observable Effect Concentration" (NOEC) at NPDES Discharge 001.

Date	System	Volume (gallons)	Glutaraldehyde (mg/l)	Isothiazolin (mg/l as Cl')	Total Suspended Solids (mg/l)	Oil & Grease (mg/l)
01/16/09	Unit 2 SCW	10	73	22	n/a	n/a
01/15/09	Unit 1 CCW	7,000	110	0.0	< 2.0	< 1.4
01/21/09	Unit 2 SCW	33,000	118	7.2	< 2.0	< 1.4
01/26/09	Unit 1 SCW	11,000	240	5.3	< 2.0	< 1.4
01/29/09	Unit 1 ICW	1,500	128	6.2	n/a	n/a
02/10/09	Unit 1 CCW	3,700	144	0.0	< 2.0	< 1.4
03/03/09	Unit 1 ICW	550	0.0	0.0	n/a	n/a
03/12/09	Unit 1 ICW	3,300	95	0.0	n/a	n/a

4. An exceedance of the 100 mg/L daily maximum limit for total suspended solids (TSS) from discharge 001P occurred on January 22, 2009. Extra sampling was being performed to support preparation of a baseline profile for TSS during routine backwashing of one of the seawater reverse osmosis (SWRO) facility media filters. This work was being performed as follow up to the TSS exceedance measured at discharge 001P on December 11, 2008 that was reported in the 4th Quarter Discharge Monitoring Report. The daily maximum for TSS on January 22nd was 127 mg/L. The monthly average for January also exceeded the respective 30 mg/L limit as a result of this event. CCRWQCB staff (von Langen) were notified of the exceedance on January 25th via voice-mail when analysis results became available.

The SWRO facility was taken out of service on the evening of January 23rd due to scheduled electrical breaker maintenance in preparation for the Unit 1 steam generator replacement outage. The facility remained inoperable until January 26th. Blowdown

samples were obtained from the 001P pathway during routine operations on January 27th; the analytical results for these samples were well below the TSS limitation. The SWRO was then shut down for extended electrical breaker work and not restarted again until February 8th. While shut down, a temporary in-line settling tank was installed in the media filter effluent pathway to capture backwash solids, and a temporary mixing tank for blending of the settling tank effluent with non-backwash brine was also placed in service. Extensive troubleshooting and additional sampling was performed during February and March with these interim controls in place. No further TSS exceedences have occurred. The settling tank has been effective at trapping a large portion of entrained backwash solids, and the mixing tank has been effective at moderating system effluent peaks. Permanent engineering controls are being evaluated.

The in-line sock filter bank described in the 4th Quarter Discharge Report that was installed in the effluent pathway to capture entrained debris has been determined to be inadequate in effectively managing excessive TSS peaks during backwash cycles. Testing during high loading conditions in January resulted in breakthrough of several sock filters, and subsequent poor performance of the filter bank. The temporary settling tank has replaced the filter bank as the primary means for reducing entrained solids in backwash effluent. Unlike the filter bank, the tank is also suitable for continuous use.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. The results of the January, February, and March 2009 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 February 11-15, 2009, is included in **Appendix 5**. The acute bioassay results show that toxicity was 0.0 TUa (no acute toxicity). However, the 6-month median remains 0.23 TUa due to one mortality in the October 2008 test. The 6-month median remains below DCCP's NPDES limit of 0.26.
3. The laboratory report for one chronic bioassay on water sampled from Discharge 001, performed February 11-13, 2009, 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 first 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 (NaBr) 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, remained below NPDES limitations throughout the quarter.

In anticipation of the 1R15 refueling outage, sodium bromide injections were terminated for both Unit 1 conduits in early January 2009. Sodium hypochlorite injections six times a day continued for microfouling control in the condenser until late January, just before the start of 1R15. Unit 1 injections remained off through 1R15 until mid-March 2009 when simultaneous sodium hypochlorite and sodium bromide injections were reinitiated as Unit 1 Circulating Water Pumps were restarted. Simultaneous injections continued uninterrupted through the remainder of the quarter.

Both conduits of Unit 2 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the first quarter of 2009 with brief interruptions in late January and mid-February due to maintenance activities.

APPENDIX 1

DIABLO CANYON POWER PLANT

NPDES DISCHARGE POINTS	
DISCHARGE NUMBER	DESCRIPTION
001	Once-Though 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

January 2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	06	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	53.4	72.7	19.3	2486				
2	53.2	72.6	19.4	2486				
3	53.4	72.7	19.3	2486				
4	53.2	72.5	19.3	2486				
5	53.1	72.3	19.2	2486				
6	53.0	72.3	19.3	2486	8.0	7.9		
7	53.2	72.4	19.2	2486				
8	53.6	72.9	19.3	2486				
9	53.4	72.7	19.3	2486				
10	53.1	72.4	19.3	2486				
11	53.3	72.5	19.2	2486				
12	53.5	72.8	19.3	2486				
13	53.7	72.9	19.2	2486				
14	53.5	72.7	19.2	2486			2	7.8
15	54.1	73.0	18.9	2486				2
16	54.1	73.3	19.2	2486				8.0
17	54.1	73.3	19.2	2486				
18	54.4	73.6	19.2	2486				
19	55.0	74.2	19.2	2486				
20	55.3	74.5	19.2	2486				
21	55.4	74.6	19.2	2486				
22	55.5	74.6	19.1	2486				
23	55.6	74.7	19.1	2486				
24	55.5	74.7	19.2	2486				
25	55.2	70.8	15.6	2040				
26	54.6	71.7	17.1	1585				
27	54.0	72.6	18.6	1279				
28	53.5	72.2	18.7	1279				
29	53.7	72.5	18.8	1279				
30	54.3	73.0	18.7	1279				
31	54	72.3	17.9	1279				
MONTHLY AVG	54.0	73.0	18.9	2248	8.0	7.9	7.8	8.0
MONTHLY HIGH	55.6	74.7	19.4	2486	8.0	7.9	7.8	8.0
MONTHLY LOW	53.0	70.8	15.6	1279	8.0	7.9	7.8	8.0
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
4/16/2009

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 09 / 01 / 01 YEAR / MO / DAY ENDING 09 / 01 / 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							30	346
2							27	346
3							33	346
4							33	346
5						ND(5)	36	365
6		8.0					33	403
7							33	403
8			3	ND(5.0)			33	415
9							33	432
10							33	432
11							33	432
12							33	432
13							39	439
14	8.1						39	446
15			3	ND(5.0)			43	446
16							43	446
17							39	446
18							27	446
19							30	446
20							30	475
21			3	ND(5.0)			33	504
22							33	396
23							21	288
24							19	288
25							33	192
26							49	288
27			3	< 5.0			49	235
28							< 20	182
29							28	274
30							25	274
31							< 20	274
MONTHLY AVG	8.1	8.0	< 5.0	NO	NO	ND(5)	31	370
MONTHLY HIGH	8.1	8.0	6.5	DISCHARGE	DISCHARGE	ND(5)	49	504
MONTHLY LOW	8.1	8.0	ND(5.0)			ND(5)	< 20	182
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
4/16/2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	06	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 GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			
1									
2									
3									
4									
5									
6			2	17	2	<	2	2	ND(5)
7				2					
8			2	<	2				
9									
10									
11									
12									
13									
14			2	<	2				ND(5)
15									
16									
17									
18									
19				2					ND(5)
20									
21			2	16	2		2	2	14
22									
23									
24									
25									
26									
27									
28									
29			<	2					ND(5)
30									
31									
MONTHLY AVG	NO	NO			**<	5			ND(5)
MONTHLY HIGH	DISCHARGE	DISCHARGE				16			ND(5)
MONTHLY LOW						ND(5)			ND(5)
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 ≈	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	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
4/16/2009

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

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FACILITY I.D.		YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING	09 / 01 / 01		ENDING	09 / 01 / 31		06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS			EFFLUENT 001H 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							
2				2			2			ND(5)	
3											
4											
5	<	2									ND(5)
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
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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
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Bryan Cunningham
 DATE
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3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPLE TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			EFFLUENT 001J SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET		
1						
2						
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15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25				< 2		ND(5)
26						
27						
28						
29						
30						
31						
MONTHLY AVG	NO DISCHARGE					ND(5)
MONTHLY HIGH						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
4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31		06	CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS			EFFLUENT 001L 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								
3								
4								
5								
6								
7				2	<	2	2 ND(5)	
8								
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25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO DISCHARGE						ND(5)	
MONTHLY HIGH							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
4/16/2009

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 09 / 01 / 01 YEAR / MO / DAY ENDING 09 / 01 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS. SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS mg/1 COMPOSITE WEEKLY	EFFLUENT 001P 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								
3								
4								
5								
6								
7								
8				20				
9								
10								
11								
12								
13								
14					19	15		5
15				11				
16								
17								
18								
19								
20								
21				13				
22					3	131	3 < 2	3 127
23	< 2	< 2	ND(5)					
24								
25								
26								
27				31	3	7	3 < 2	3 6
28								
29								
30								
31								
MONTHLY AVG			ND(5)	19				46
MONTHLY HIGH			ND(5)	31				127
MONTHLY LOW			ND(5)	11				5
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 60 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 1	
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 1	
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
4/16/2009

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) 8

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	06	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 NET	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14	2	10	2	9	2	ND(5)
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	DATE
<i>Bryan Cunningham</i>	4/16/2009

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 09 / 01 / 01			ENDING 09 / 01 / 31			06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS			EFFLUENT 001N SETTL SOLIDS	EFFLUENT 001 T CHROMIUM	EFFLUENT 001 COPPER	EFFLUENT 001 NICKEL	EFFLUENT 001 ZINC		
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	m/1 GRAB WEEKLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY		
	WEEKLY WHEN 001N & 001P => 003									
1										
2										
3										
4										
5										
6						ND(10)	ND(10)	ND(10)		ND(10)
7										
8					ND(0.1)					
9										
10										
11										
12										
13										
14										
15					ND(0.1)					
16										
17										
18										
19										
20										
21					ND(0.1)					
22										
23										
24										
25										
26										
27					ND(0.1)					
28										
29										
30										
31										
MONTHLY AVG	NO			ND(0.1)	ND(10)	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)	ND(10)
MONTHLY LOW				ND(0.1)	ND(10)	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 260 = 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>	4/16/2009

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 09 / 01 / 01		YEAR / MO / DAY ENDING 09 / 01 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/1 GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/1 GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/1 GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT
1								2 ND(5)
2								
3								
4							ND(5)	
5								
6	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	ND(5)		
7						ND(5)		
8						ND(5)		
9								
10								
11								
12								
13								
14						ND(5)		
15								
16								
17								
18								
19						ND(5)		
20								
21						ND(5)		
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND(10)	ND(10)	ND(10)	ND(200)	ND(200) **	ND(5)	ND(5)	ND(5)
MONTHLY HIGH	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	ND(5)	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
4/16/2009

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	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPLE TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7				2	ND(5)			
8								
9								
10								
11								
12								
13								
14						ND(5)	2	ND(5)
15								ND(5)
16								
17								
18								
19								
20								
21								
22								
23					ND(5)			
24								
25		ND(5)						
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	ND(5)	NO	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
MONTHLY HIGH	DISCHARGE	ND(5)	DISCHARGE	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
MONTHLY LOW		ND(5)		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
Bryan Cunningham
DATE
4/16/2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	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						
5			ND(10)	ND(10)		
6	ND(5)			ND(10)		ND(10)
7				2	ND(10)	
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(10)	ND(10)	ND(10)	ND(10)
MONTHLY HIGH	ND(5)		ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY LOW	ND(5)		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.
** TOXICITY SAMPLING AND ANALYSIS PERFORMED IN FEBRUARY DUE TO LAB CONTRACT RENEWAL.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
4/16/2009

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) 4

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/1 1 WEEK COMP JA/AP/JUL/OCT
1								
2								
3								
4								
5	ND(10)	ND(10)			ND(10)	42		
6		13		11		29		15
7			2	ND(10)			2	ND(10)
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(10)	< 10	ND(10)	11	ND(10)	36	ND(10)	15
MONTHLY HIGH	ND(10)	13	ND(10)	11	ND(10)	42	ND(10)	15
MONTHLY LOW	ND(10)	ND(10)	ND(10)	11	ND(10)	29	ND(10)	15
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
4/16/2009

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	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/1 1 WEEK COMP JA/AP/JUL/OCT
1								
2								
3								
4								
5	ND(10)	10		ND(10)	ND(0.20)	ND(0.20)		
6		ND(10)		ND(10)		ND(0.20)		
7			2	ND(10)			2	ND(0.20)
8								
9								
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11								
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13								
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16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND(10)	< 10	ND(10)	ND(10)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
MONTHLY HIGH	ND(10)	10	ND(10)	ND(10)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(10)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)
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>	4/16/2009

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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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 09 / 01 / 01 YEAR / MO / DAY ENDING 09 / 01 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/1 1 WEEK COMP JA/AP/JUL/OCT
1								
2								
3								
4								
5	ND(10)	12			ND(10)	ND(10)		
6		13		22		ND(10)		ND(10)
7			2	ND(10)			2	ND(10)
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(10)	13	ND(10)	22	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY HIGH	ND(10)	13	ND(10)	22	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY LOW	ND(10)	12	ND(10)	22	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
Bryan Cunningham
DATE
4/16/2009

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 09 / 01 / 01
YEAR / MO / DAY ENDING 09 / 01 / 31
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
1				
2				
3				
4				
5	41	ND(10)		
6		36		35
7			2	ND(10)
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	41	18	ND(10)	35
MONTHLY HIGH	41	36	ND(10)	35
MONTHLY LOW	41	ND(10)	ND(10)	35
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>	4/16/2009

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	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/1 24-HR COMP. METAL CLNG	
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	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>	4/16/2009

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 09 / 01 / 01
YEAR / MO / DAY ENDING 09 / 01 / 31
STATE CODE 06
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/1 24-HR COMP. METAL CLNG
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	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
4/16/2009

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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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751		
STATION ANALYSIS UNITS SEMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/1 GRAB OCTOBER	INFLUENT ARSENIC ug/1 GRAB OCTOBER	EFFLUENT ARSENIC ug/1 GRAB OCTOBER	INFLUENT CADMIUM ug/1 GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/1 GRAB OCTOBER	INFLUENT LEAD ug/1 GRAB OCTOBER	EFFLUENT 001 LEAD ug/1 GRAB OCTOBER	INFLUENT ZINC ug/1 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								** 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>	4/16/2009

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 09 / 01 / 01		YEAR / MO / DAY ENDING 09 / 01 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/1 GRAB OCTOBER	EFFLUENT 001 MERCURY ug/1 GRAB OCTOBER	INFLUENT SILVER ug/1 GRAB OCTOBER	EFFLUENT 001 SILVER ug/1 GRAB OCTOBER	INFLUENT CYANIDE ug/1 GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/1 GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/1 (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/1 (NONCL) GRAB OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
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21								
22								
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>	4/16/2009

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. 3 402003001
YEAR / MO / DAY BEGINNING 09 / 01 / 01
YEAR / MO / DAY ENDING 09 / 01 / 31
STATE CODE 06
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPLE TYPE FREQ.	INFLUENT CHLOR PHENOL ug/1 GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/1 GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/1 GRAB OCTOBER	EFFLUENT 001D BORON mg/1 GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/1 GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/1 GRAB OCTOBER
1							
2							
3							
4							
5							
6							
7							
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22							
23							
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

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Bryan Cunningham
DATE
4/16/2009

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 09 / 01 / 01
YEAR / MO / DAY ENDING 09 / 01 / 31
STATE CODE 06
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMP L TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/1 GRAB OCTOBER	INFLUENT PCB'S ug/1 GRAB OCTOBER	EFFLUENT 001 PCB'S ug/1 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	DMAX20=0			
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
4/16/2009

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. 3402003001 YEAR / MO / DAY BEGINNING 09 / 01 / 01 YEAR / MO / DAY ENDING 09 / 01 / 31 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
Bryan Cunningham
DATE
4/16/2009

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	09 / 01 / 01	ENDING	09 / 01 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB	EFFLUENT 001N SLUDGE VOLUME tons
	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	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	TTLC>100=0	TTLC>2500=0	TTLC>500=0	TTLC>1000=0	TTLC>2000=0	TTLC>20=0	TTLC>5000=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	4/16/2009

APPENDIX 3

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

February 2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #				
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	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	54.1	72.0	17.9	1279						
2	54.4	72.3	17.9	1279						
3	54.6	72.5	17.9	1279						
4	54.8	72.6	17.8	1279						
5	54.9	72.5	17.6	1279						
6	55.0	72.6	17.6	1279						
7	55.6	73.2	17.6	1279						
8	55.7	73.5	17.8	1279						
9	55.5	73.3	17.8	1279						
10	54.2	72.1	17.9	1279						
11	54.3	72.2	17.9	1279						
12	53.7	71.6	17.9	1279	8.0	8.0	2	7.7	2	8.0
13	53.5	71.4	17.9	1279						
14	53.7	71.4	17.7	1279						
15	53.9	71.6	17.7	1279						
16	54.0	71.9	17.9	1279						
17	54.3	72.4	18.1	1279						
18	54.7	72.7	18.0	1279						
19	54.6	72.8	18.2	1279						
20	54.2	72.2	18.0	1279						
21	53.9	71.8	17.9	1279						
22	54.1	72.2	18.1	1279						
23	54.4	72.5	18.1	1279						
24	54.4	72.5	18.1	1279						
25	54.3	72.4	18.1	1279						
26	53.9	72.0	18.1	1279						
27	53.2	72.2	19.0	1279						
28	53.7	72.7	19.0	1279						
29										
30										
31										
MONTHLY AVG	54.3	72.3	18.0	1279	8.0	8.0	7.7	8.0		
MONTHLY HIGH	55.7	73.5	19.0	1279	8.0	8.0	7.7	8.0		
MONTHLY LOW	53.2	71.4	17.6	1279	8.0	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
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FACILITY I.D. 3 402003001
YEAR / MO / DAY BEGINNING 09 / 02 / 01
YEAR / MO / DAY ENDING 09 / 02 / 28
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	274
2							23	266
3							< 20	259
4			3	6.2			< 20	259
5	8.1					ND(5)	< 20	259
6							< 20	259
7							< 20	259
8							< 20	259
9							65	274
10							71	245
11							71	240
12		8.0	3	ND(5.0)			78	199
13							71	259
14							65	259
15							< 20	259
16							< 20	259
17							< 20	245
18							< 20	230
19			3	7.8			< 20	230
20							< 20	230
21							< 20	230
22							< 20	230
23							< 20	230
24							< 20	230
25							< 20	230
26			3	ND(5.0)			< 20	192
27							< 20	230
28							< 20	230
29								
30								
31								
MONTHLY AVG	8.1	8.0	< 5.0	NO	NO	ND(5)	17	244
MONTHLY HIGH	8.1	8.0	10.0	DISCHARGE	DISCHARGE	ND(5)	78	274
MONTHLY LOW	8.1	8.0	ND(5.0)			ND(5)	< 20	192
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
4/16/2009

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 09 / 02 / 01		ENDING 09 / 02 / 28		06		CA0003751	
STATION ANALYSIS UNITS	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			EFFLUENT 001F SUSPENDED SOLIDS mg/1 2nd FLTR GRAB MONTHLY			
SAMPL TYPE FREQ.			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	32	2	32			
2			2	< 2	2	ND(5)			
3			2	< 2	2	ND(5)			
4						2	3	2	
5							< 2	2	
6				< 2				2	
7				< 2				2	
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20			2	19	2	< 2	2	19	
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO	NO			**<	5		ND(5)	
MONTHLY HIGH	DISCHARGE	DISCHARGE				33		ND(5)	
MONTHLY LOW						ND(5)		ND(5)	
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
 4/16/2009

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 09 / 02 / 01 YEAR / MO / DAY ENDING 09 / 02 / 28 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 GRAB MONTHLY	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET
1				8	4	ND(5)
2						
3	< 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			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
4/16/2009

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	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS			EFFLUENT 001J 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								
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
Bryan Cunningham
DATE
4/16/2009

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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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	09 / 02 / 01	ENDING	09 / 02 / 28		06	CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS			EFFLUENT 001L 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								
3				< 2			ND(5)	
4								
5								
6								
7								
8								
9				< 2			ND(5)	
10				< 2			ND(5)	
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO DISCHARGE						ND(5)	
MONTHLY HIGH							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>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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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	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS mg/1 COMPOSITE WEEKLY	EFFLUENT 001P 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								
3								
4				36				
5								
6								
7								
8								
9					5	61	5 < 2	5 59
10								
11					5	14	5 < 2	5 12
12				20				
13								
14								
15								
16								
17								
18								
19					22	5	9 5 < 2	5 8
20								
21								
22								
23	4	< 2	ND(5)					
24								
25								
26				18				
27								
28								
29								
30								
31								
MONTHLY AVG			ND(5)	24				27
MONTHLY HIGH			ND(5)	36				59
MONTHLY LOW			ND(5)	18				8
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>	4/16/2009

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	09 / 02 / 01	ENDING	09 / 02 / 28	06	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 NET	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET		
1								
2								
3								
4								
5				2	5	2 < 2	2	5
6								
7								
8								
9								
10								
11								
12	2	7	2 < 2	2	7			
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG			7			5		
MONTHLY HIGH			7			5		
MONTHLY LOW			6			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>	4/16/2009

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	09 / 02 / 01		ENDING	09 / 02 / 28		06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS			EFFLUENT 001N SETTLED SOLIDS	EFFLUENT 001 T CHROMIUM	EFFLUENT 001 COPPER	EFFLUENT 001 NICKEL	EFFLUENT 001 ZINC		
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	ml/1 GRAB WEEKLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY		
	WEEKLY WHEN 001N & 001P => 003									
1										
2										
3										
4				ND(0.1)						
5										
6										
7										
8										
9										
10										
11										
12				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
13										
14										
15										
16										
17										
18										
19				ND(0.1)						
20										
21										
22										
23										
24										
25										
26				ND(0.1)						
27										
28										
29										
30										
31										
MONTHLY AVG	NO DISCHARGE			ND(0.1)	ND(10)	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)	ND(10)
MONTHLY LOW				ND(0.1)	ND(10)	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 260 = 0	I MAX 990 = 0		

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
4/16/2009

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	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751			
STATION ANALYSIS UNITS SMP L TYPE FREQ.	INFLUENT T CHROMIUM ug/1 GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/1 GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/1 GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12	ND(10)	ND(10)	ND(10)						
13									
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)			**			
MONTHLY HIGH	ND(10)	ND(10)	ND(10)						
MONTHLY LOW	ND(10)	ND(10)	ND(10)						
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 C. Bingham
DATE
4/16/2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
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18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
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
4/16/2009

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	09 / 02 / 01	ENDING	09 / 02 / 28	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						
5						
6						
7						
8						
9						
10		0.00				
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG		0.00				
MONTHLY HIGH		0.00				
MONTHLY LOW		0.00				
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>	4/16/2009

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) 4

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/1 1 WEEK COMP JA/AP/JUL/OCT
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>	4/16/2009

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PAGE: (Q) 5

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/1 1 WEEK COMP JA/AP/JUL/OCT
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25								
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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>	4/16/2009

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	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/1 1 WEEK COMP JA/AP/JUL/OCT
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26								
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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
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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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
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/1 1 WEEK COMP JA/AP/JUL/OCT		
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30						
31						
MONTHLY AVG						
MONTHLY HIGH						
MONTHLY LOW						
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>	4/16/2009

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 09 / 02 / 01 YEAR / MO / DAY ENDING 09 / 02 / 28 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/1 24-HR COMP. METAL CLNG
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2					
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26					
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
4/16/2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	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	
1						
2						
3						
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23						
24						
25						
26						
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	DATE
<i>Bryan Cunningham</i>	4/16/2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/1 GRAB OCTOBER	INFLUENT ARSENIC ug/1 GRAB OCTOBER	EFFLUENT ARSENIC ug/1 GRAB OCTOBER	INFLUENT CADMIUM ug/1 GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/1 GRAB OCTOBER	INFLUENT LEAD ug/1 GRAB OCTOBER	EFFLUENT 001 LEAD ug/1 GRAB OCTOBER	INFLUENT ZINC ug/1 GRAB OCTOBER	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10								ND(10)	
11									
12									
13									
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21									
22									
23									
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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
4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
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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	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/1 GRAB OCTOBER	EFFLUENT 001 MERCURY ug/1 GRAB OCTOBER	INFLUENT SILVER ug/1 GRAB OCTOBER	EFFLUENT 001 SILVER ug/1 GRAB OCTOBER	INFLUENT CYANIDE ug/1 GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/1 GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/1 (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/1 (NONCL) GRAB OCTOBER
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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>	4/16/2009

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 09 / 02 / 01
YEAR / MO / DAY ENDING 09 / 02 / 28
STATE CODE 06
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/1 GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/1 GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/1 GRAB OCTOBER	EFFLUENT 001D BORON mg/1 GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/1 GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/1 GRAB OCTOBER
1							
2							
3							
4							
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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
4/16/2009

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 09 / 02 / 01		YEAR / MO / DAY ENDING 09 / 02 / 28		STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/1 GRAB OCTOBER	INFLUENT PCB'S ug/1 GRAB OCTOBER	EFFLUENT 001 PCB'S ug/1 GRAB OCTOBER
1							
2							
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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	DMAX20=0		
TIMES EXCEEDED							

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE MOISTURE % GRAB	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB	EFFLUENT 001N SLUDGE pH pH units GRAB	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB	EFFLUENT 001N SLUDGE BORON mg/kg GRAB
	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER
1								
2								
3								
4								
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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

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Bryan Cunningham
DATE
4/16/2009

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CONTROL BOARD
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 02 / 01	ENDING	09 / 02 / 28	06	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								
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7								
8								
9								
10								
11								
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15								
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24								
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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	TTLC>100=0	TTLC>2500=0	TTLC>500=0	TTLC>1000=0	TTLC>2000=0	TTLC>20=0	TTLC>5000=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	4/16/2009

APPENDIX 4

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

March 2009

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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PAGE: (M) 1

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	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	54.0	73.1	19.1	1279				
2	54.0	72.9	18.9	1279				
3	54.3	73.2	18.9	1279				
4	54.9	73.8	18.9	1279				
5	54.7	73.6	18.9	1279	8.0	8.1	2	7.8
6	54.0	73.1	19.1	1279				
7	52.9	72.1	19.2	1279				
8	53.0	72.0	19.0	1279				2 7.9
9	52.5	71.5	19.0	1279				
10	51.4	70.3	18.9	1279				
11	52.2	70.9	18.7	1279				
12	52.3	71.1	18.8	1279				
13	50.6	67.8	17.2	1636				
14	50.2	64.8	14.6	1891				
15	50.3	64.8	14.5	1891				
16	50.2	64.6	14.4	1891				
17	50.7	65.1	14.4	1891				
18	50.9	65.4	14.5	1891				
19	51.2	65.8	14.6	1891				
20	51.4	62.4	11.0	2337				
21	51.6	61.4	9.8	2486				
22	51.9	61.7	9.8	2486				
23	50.0	59.9	9.9	2486				
24	50.0	61.4	11.4	2486				
25	49.5	62.1	12.6	2486				
26	49.2	63.5	14.3	2486				
27	49.5	65.4	15.9	2486				
28	51.0	66.8	15.8	2486				
29	51.0	66.8	15.8	2486				
30	50.1	68.2	18.1	2486				
31	51	69.2	18.6	2486				
MONTHLY AVG	51.6	67.6	16.0	1871	8.0	8.1	7.8	7.9
MONTHLY HIGH	54.9	73.8	19.2	2486	8.0	8.1	7.8	7.9
MONTHLY LOW	49.2	59.9	9.8	1279	8.0	8.1	7.8	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
 4/16/2009

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

DISCHARGE SELF MONITORING REPORT

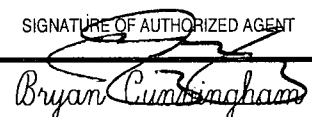
PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 09 / 03 / 01		YEAR / MO / DAY ENDING 09 / 03 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SAMPL 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	230
2							< 20	230
3						ND(5)	< 20	230
4							< 20	230
5			3	16			< 20	245
6							< 20	259
7							< 20	259
8	7.7	8.0					< 20	259
9							< 20	259
10							< 20	259
11							< 20	259
12							< 20	259
13			3	ND(5)			18	314
14							14	374
15							11	374
16							12	360
17							15	324
18							21	302
19			3	17			24	302
20							47	353
21							< 10	403
22							< 10	403
23							10	403
24							< 10	403
25							19	403
26			3	ND(5)			36	386
27							36	403
28							27	403
29							21	403
30							25	403
31			3	ND(5)			23	403
MONTHLY AVG	7.7	8.0	7	NO	NO	ND(5)	12	326
MONTHLY HIGH	7.7	8.0	17	DISCHARGE	DISCHARGE	ND(5)	47	403
MONTHLY LOW	7.7	8.0	ND(5)			ND(5)	< 7	230
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

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

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	09 / 03 / 01	ENDING	09 / 03 / 31	06	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 GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY		
1								
2			< 2			ND(5)		
3							2 3	2 < 2 2 ND(5)
4								
5			2 17		2	17		
6								
7								
8								
9								
10								
11								
12			2 24	2	2 2	23		
13								
14								
15			< 2			ND(5)		
16								
17								
18			2 21		2	21		
19			2 6		2	6		
20								
21								
22								
23								
24								
25			2 9	2 <	2 2	8		
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	NO			**	8		ND(5)
MONTHLY HIGH	DISCHARGE	DISCHARGE				23		ND(5)
MONTHLY LOW						ND(5)		ND(5)
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

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Bryan Cunningham
DATE
4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDE SOLIDS			EFFLUENT 001H SUSPENDE 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				< 2	< 2	ND(5)
3	< 2		ND(5)			
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16				< 2	< 2	ND(5)
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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Bryan Cunningham
DATE
4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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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 09 / 03 / 01			YEAR / MO / DAY ENDING 09 / 03 / 31			STATE CODE 06	NPDES PERMIT # 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				< 2				ND(5)
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14				3				ND(5)
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO DISCHARGE						ND(5)	
MONTHLY HIGH							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>	4/16/2009

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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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 09 / 03 / 01	YEAR / MO / DAY ENDING 09 / 03 / 31	STATE CODE 06	NPDES PERMIT # CA0003751
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STATION ANALYSIS UNITS SAMPL 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						
3				< 2		ND(5)
4						
5				< 2		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						
31						
MONTHLY AVG	NO DISCHARGE					ND(5)
MONTHLY HIGH						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>	4/16/2009

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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 DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001
 YEAR / MO / DAY BEGINNING 09 / 03 / 01
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 STATE CODE 06
 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS mg/1 COMPOSITE WEEKLY	EFFLUENT 001P 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							
3							
4							
5				60	6	< 2	5
6							
7							
8							
9							
10							
11							
12				5	4	5 < 2	5 < 5
13				35			
14							
15							
16							
17							
18							
19				74	5	24 5 < 2	5 23
20							
21							
22							
23							
24							
25							
26				15			
27							
28							
29							
30							
31				15			
MONTHLY AVG	NO DISCHARGE			40	9		
MONTHLY HIGH				74	23		
MONTHLY LOW				15	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
 4/16/2009

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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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	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 NET	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET
1						
2						
3						
4						
5						
6						
7						
8	2	2	2 < 2	2	3	2 < 2
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

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CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 03 / 01		ENDING	09 / 03 / 31		06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS			EFFLUENT 001N SETTLE SOLIDS	EFFLUENT 001 T CHROMIUM	EFFLUENT 001 COPPER	EFFLUENT 001 NICKEL	EFFLUENT 001 ZINC		
	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	ml/1 GRAB WEEKLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY	ug/1 GRAB MONTHLY		
	WEEKLY WHEN 001N & 001P => 003									
1										
2										
3										
4										
5				0.1	ND(10)	ND(10)	ND(10)			ND(10)
6										
7										
8										
9										
10										
11										
12										
13				ND(0.1)						
14										
15										
16										
17										
18										
19				ND(0.1)						
20										
21										
22										
23										
24										
25										
26				ND(0.1)						
27										
28										
29										
30										
31				ND(0.1)						
MONTHLY AVG	NO DISCHARGE			< 0.1	ND(10)	ND(10)	ND(10)	ND(10)		
MONTHLY HIGH				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

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	4/16/2009

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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PAGE: (Q) 1

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPLE TYPE FREQ.	INFLUENT T CHROMIUM ug/1 GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/1 GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/1 GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5	ND(10)	ND(10)	ND(10)					
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(10)	ND(10)	ND(10)			**		
MONTHLY HIGH	ND(10)	ND(10)	ND(10)					
MONTHLY LOW	ND(10)	ND(10)	ND(10)					
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

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Bryan Cunningham
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4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	CA0003751			
STATION ANALYSIS UNITS SMPLE TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/1 GRAB JA/AP/JUL/OCT	
1									
2		ND(5)							
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)								
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>	4/16/2009

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	09 / 03 / 01	ENDING	09 / 03 / 31	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 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 C. Bingham</i>	4/16/2009

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

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/1 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>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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895 AEROVISTA PLACE, SUITE 101
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PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 09 / 03 / 01		YEAR / MO / DAY ENDING 09 / 03 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/1 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>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/1 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/1 QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/1 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>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
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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 09 / 03 / 01	YEAR / MO / DAY ENDING 09 / 03 / 31	STATE CODE 06	NPDES PERMIT # CA0003751
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STATION ANALYSIS UNITS SMPL TYPE REQ.	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				
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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>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPLE TYPE FREQ.	EFFLUENT 001D COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/1 24-HR COMP. METAL CLNG	
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MONTHLY AVG DISCHARGE	NO	NO	NO	NO	NO	
MONTHLY HIGH DISCHARGE						
MONTHLY LOW 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
4/16/2009

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

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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
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STATE CODE 06
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/1 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/1 24-HR COMP. METAL CLNG
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MONTHLY AVG DISCHARGE	NO	NO	NO	NO	NO
MONTHLY HIGH DISCHARGE	NO	NO	NO	NO	NO
MONTHLY LOW DISCHARGE	NO	NO	NO	NO	NO
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
4/16/2009

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
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YEAR / MO / DAY ENDING 09 / 03 / 31
STATE CODE 06
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STATION ANALYSIS UNITS SMP L TYPE FREQ.	EFFLUENT 001 TITANIUM ug/1 GRAB OCTOBER	INFLUENT ARSENIC ug/1 GRAB OCTOBER	EFFLUENT ARSENIC ug/1 GRAB OCTOBER	INFLUENT CADMIUM ug/1 GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/1 GRAB OCTOBER	INFLUENT LEAD ug/1 GRAB OCTOBER	EFFLUENT 001 LEAD ug/1 GRAB OCTOBER	INFLUENT ZINC ug/1 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
4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 09 / 03 / 01		YEAR / MO / DAY ENDING 09 / 03 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/1 GRAB OCTOBER	EFFLUENT 001 MERCURY ug/1 GRAB OCTOBER	INFLUENT SILVER ug/1 GRAB OCTOBER	EFFLUENT 001 SILVER ug/1 GRAB OCTOBER	INFLUENT CYANIDE ug/1 GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/1 GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/1 (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/1 (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	DATE
<i>Bryan Cunningham</i>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 09 / 03 / 01		YEAR / MO / DAY ENDING 09 / 03 / 31		STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/1 GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/1 GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/1 GRAB OCTOBER	EFFLUENT 001D BORON mg/1 GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/1 GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/1 GRAB OCTOBER
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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	DATE
<i>Bryan Cunningham</i>	4/16/2009

CALIFORNIA REGIONAL WATER QUALITY
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 09 / 03 / 01	YEAR / MO / DAY ENDING 09 / 03 / 31	STATE CODE 06	NPDES PERMIT # CA0003751
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/1 GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/1 GRAB OCTOBER	INFLUENT PCB'S ug/1 GRAB OCTOBER	EFFLUENT 001 PCB'S ug/1 GRAB OCTOBER
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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>	4/16/2009

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FACILITY I.D. 3402003001
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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
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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
Bryan Cunningham
DATE
4/16/2009

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	09 / 03 / 01	ENDING	09 / 03 / 31	06	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	TTLC>100=0	TTLC>2500=0	TTLC>500=0	TTLC>1000=0	TTLC>2000=0	TTLC>20=0	TTLC>5000=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

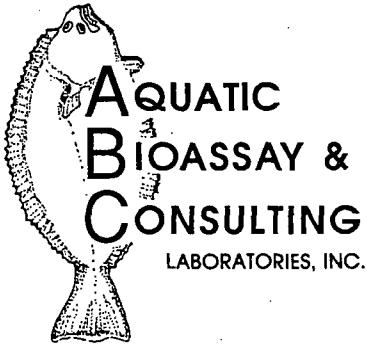
SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
4/16/2009

APPENDIX 5

DIABLO CANYON POWER PLANT

Acute Bioassay

February 11-15, 2009



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

February 26, 2009

Mr. Jim Kelly
PG&E- Diablo Canyon Power Plant
9 Miles NW Avila Beach
Avila Beach, CA 93424

Dear Mr. Kelly:

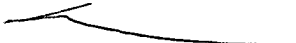
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Guidelines for Performing Static Acute Fish Bioassays in Municipal and Industrial Waste Waters* as provided to us by Frederic R. Kopperdahl, Fish and Wildlife Water Pollution Control Laboratory,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

CLIENT:	PG&E- Diablo Canyon Power Plant
SAMPLE I.D.:	Discharge 001 Acute
DATE RECEIVED:	11 Feb - 09
ABC LAB. NO.:	FGL0209.171

ACUTE ABALONE SURVIVAL BIOASSAY

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

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

-96 Hr Survival

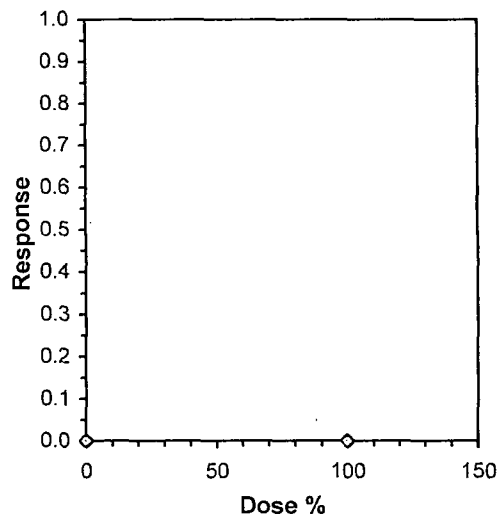
Start Date: 2/11/2009	Test ID: PGE0209171	Sample ID: CA0000000
End Date: 2/15/2009	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 2/10/2009	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: Discharge 001 Acute		

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	1.4588	1.4588	1.4588	0.000	2	1.0000	1.0000
100	1.0000	1.0000	1.4588	1.4588	1.4588	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				

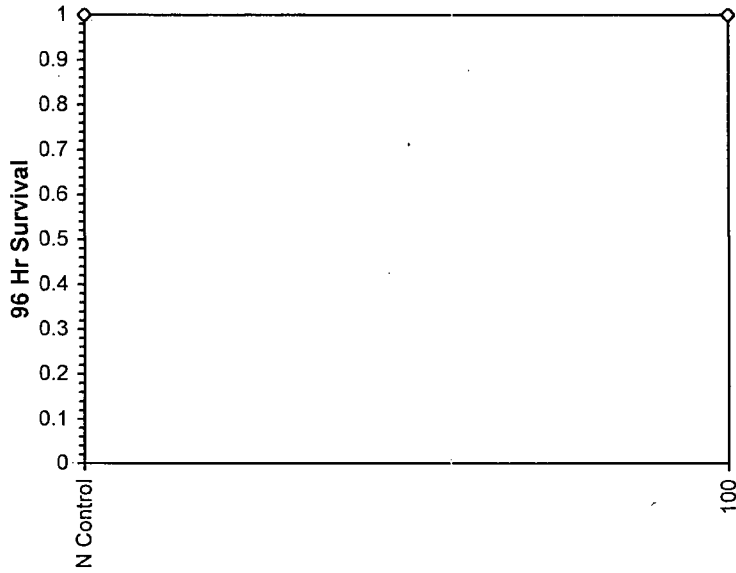
Point	%	SD	Linear Interpolation (200 Resamples)	
			95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



-96 Hr Survival

Start Date: 2/11/2009	Test ID: PGE0209171	Sample ID: CA0000000
End Date: 2/15/2009	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 2/10/2009	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: Discharge 001 Acute		

Dose-Response Plot



-96 Hr Survival

Start Date: 2/11/2009 Test ID: PGE0209171 Sample ID: CA0000000
End Date: 2/15/2009 Lab ID: CAABC Sample Type: EFF3-Power Plant
Sample Date: 2/10/2009 Protocol: KOP 76-Kopperdahl Test Species: HR-Haliotis rufescens
Comments: Discharge 001 Acute

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.19	14.00	14.40	0.15	2.75	10
100		14.16	14.00	14.40	0.13	2.51	10
N Control	pH	7.53	7.40	7.70	0.12	4.52	10
100		7.60	7.50	7.70	0.07	3.40	10
N Control	DO mg/L	7.62	7.30	7.90	0.19	5.77	10
100		7.54	7.20	7.80	0.23	6.32	10
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	10
100		34.00	34.00	34.00	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

APPENDIX 6

DIABLO CANYON POWER PLANT

Chronic Bioassay

February 11-13, 2009



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

February 26, 2009

Mr. Jim Kelly
PG&E- Diablo Canyon Power Plant
9 Miles NW Avila Beach
Avila Beach, CA 93424

Dear Mr. Kelly:

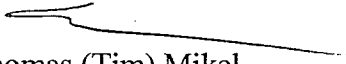
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-R-95/136*. Results were as follows:

CLIENT:	PG&E- Diablo Canyon Power Plant
SAMPLE I.D.:	Discharge 001 Chronic
DATE RECEIVED:	11 Feb - 09
ABC LAB. NO.:	FGL0209.172

CHRONIC ABALONE LARVAL DEVELOPMENT BIOASSAY

NOEC =	100.00 %
TU _c =	1.00
IC25 =	>100.00 %
IC50 =	>100.00 %

Yours very truly,



Thomas (Tim) Mikel
Laboratory Director

Abalone Larval Development Test-Proportion Normal

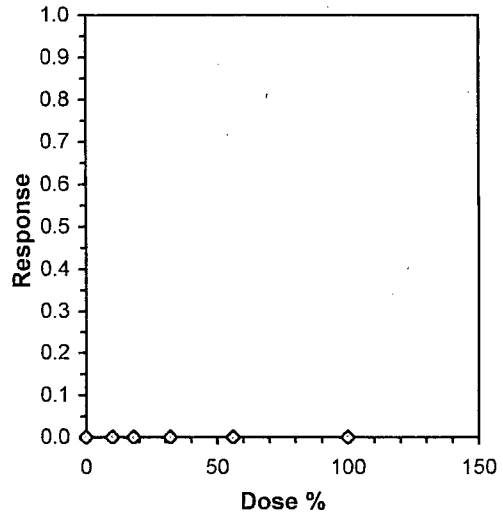
Start Date: 2/11/2009 Test ID: PGE0209172 Sample ID: CA0000000
 End Date: 2/13/2009 Lab ID: CAABC Sample Type: EFF1-POTW
 Sample Date: 2/10/2009 Protocol: EPA600/R95/136 1995 Test Species: HR-Haliotis rufescens
 Comments: Discharge 001

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-%	Transform: Arcsin Square Root							Rank Sum	1-Tailed Critical	Isotonic	
	Mean	N-Mean	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				

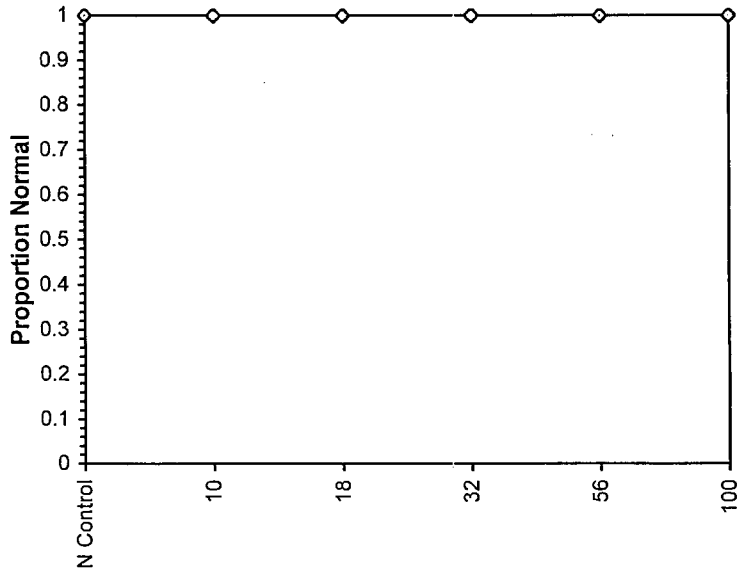
Linear Interpolation (200 Resamples)				
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



Abalone Larval Development Test-Proportion Normal

Start Date: 2/11/2009 Test ID: PGE0209172 Sample ID: CA0000000
End Date: 2/13/2009 Lab ID: CAABC Sample Type: EFF1-POTW
Sample Date: 2/10/2009 Protocol: EPA600/R95/136 1995 Test Species: HR-Haliotis rufescens
Comments: Discharge 001

Dose-Response Plot



Abalone Larval Development Test-Proportion Normal

Start Date: 2/11/2009	Test ID: PGE0209172	Sample ID: CA0000000
End Date: 2/13/2009	Lab ID: CAABC	Sample Type: EFF1-POTW
Sample Date: 2/10/2009	Protocol: EPA600/R95/136 1995	Test Species: HR-Haliotis rufescens
Comments: Discharge 001		

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.80	14.80	14.80	0.00	0.00	2
10		14.80	14.80	14.80	0.00	0.00	2
18		14.80	14.80	14.80	0.00	0.00	2
32		14.80	14.80	14.80	0.00	0.00	2
56		14.80	14.80	14.80	0.00	0.00	2
100		14.80	14.80	14.80	0.00	0.00	2
N Control	pH	7.55	7.50	7.60	0.07	3.52	2
10		7.55	7.50	7.60	0.07	3.52	2
18		7.60	7.50	7.70	0.14	4.95	2
32		7.65	7.60	7.70	0.07	3.48	2
56		7.65	7.60	7.70	0.07	3.48	2
100		7.65	7.60	7.70	0.07	3.48	2
N Control	DO mg/L	6.35	5.40	7.30	1.34	18.25	2
10		6.50	5.60	7.40	1.27	17.36	2
18		6.70	5.90	7.50	1.13	15.88	2
32		6.50	5.50	7.50	1.41	18.30	2
56		6.50	5.50	7.50	1.41	18.30	2
100		6.50	5.60	7.40	1.27	17.36	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: 11 February - 09

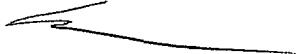
STANDARD TOXICANT: Zinc

NOEC = 56.00 ug/l

IC25 = 62.67 ug/l

IC50 = 75.11 ug/l

Yours very truly,



Thomas (Tim) Mikel
Laboratory Director

Abalone Larval Development Test-Proportion Normal

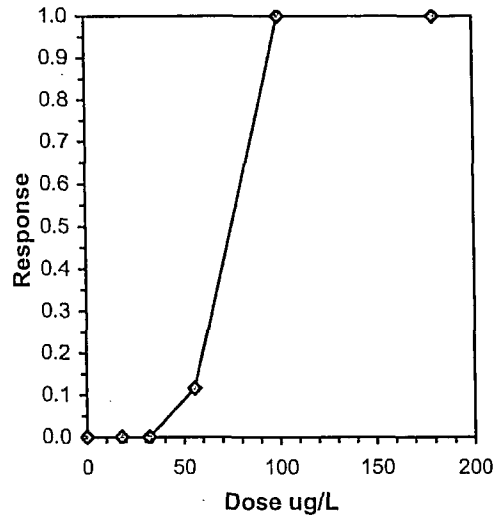
Start Date: 2/11/2009	Test ID: ABS021109	Sample ID: REF-Ref Toxicant
End Date: 2/13/2009	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 2/11/2009	Protocol: EPA600/R95/136 1995	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

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	0.8800	1.0000	0.9200	1.0000	0.6200
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					Rank Sum	1-Tailed Critical	Isotonic	
			Mean	Min	Max	CV%	N			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	27.50	17.00	1.0000	1.0000
32	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	17.00	1.0000	1.0000
56	0.8840	0.8840	1.2898	0.9066	1.5208	19.723	5	20.00	17.00	0.8840	0.8840
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)	0.58685	0.868	-1.1786	7.081
Equality of variance cannot be confirmed				
Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	56	100	74.8331	
Treatments vs Control				

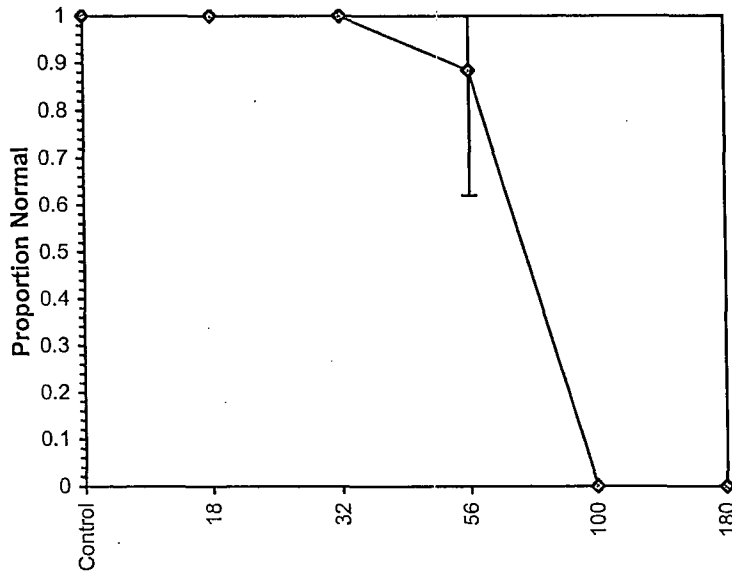
Point	ug/L	SD	Linear Interpolation (200 Resamples)		Skew
			95% CL(Exp)	Skew	
IC05	42.345	6.988	34.205	65.108	0.4915
IC10	52.690	5.631	36.409	63.289	-0.5295
IC15	57.692	4.070	41.285	64.142	-1.2410
IC20	60.181	3.131	47.418	66.251	-1.3404
IC25	62.670	2.771	53.189	68.360	-1.1498
IC40	70.136	2.184	62.551	74.688	-1.0405
IC50	75.113	1.820	68.793	78.907	-1.0405



Abalone Larval Development Test-Proportion Normal

Start Date: 2/11/2009	Test ID: ABS021109	Sample ID: REF-Ref Toxicant
End Date: 2/13/2009	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 2/11/2009	Protocol: EPA600/R95/136 1995	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

Dose-Response Plot



Abalone Larval Development Test-Proportion Normal

Start Date: 2/11/2009	Test ID: ABS021109	Sample ID: REF-Ref Toxicant
End Date: 2/13/2009	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 2/11/2009	Protocol: EPA600/R95/136 1995	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
Control	Temp C	14.80	14.80	14.80	0.00	0.00	2
18		14.80	14.80	14.80	0.00	0.00	2
32		14.80	14.80	14.80	0.00	0.00	2
56		14.80	14.80	14.80	0.00	0.00	2
100		14.80	14.80	14.80	0.00	0.00	2
180		14.80	14.80	14.80	0.00	0.00	2
Control	pH	7.55	7.50	7.60	0.07	3.52	2
18		7.55	7.50	7.60	0.07	3.52	2
32		7.55	7.50	7.60	0.07	3.52	2
56		7.55	7.50	7.60	0.07	3.52	2
100		7.55	7.50	7.60	0.07	3.52	2
180		7.55	7.50	7.60	0.07	3.52	2
Control	DO mg/L	6.35	5.40	7.30	1.34	18.25	2
18		6.45	5.60	7.30	1.20	17.00	2
32		6.45	5.60	7.30	1.20	17.00	2
56		6.45	5.60	7.30	1.20	17.00	2
100		6.45	5.60	7.30	1.20	17.00	2
180		6.45	5.60	7.30	1.20	17.00	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

CHAIN OF CUSTODY RECORD

Client: Pacific Gas & Electric Co					Project Name/Number: Toxicity Testing			Analysis																
Address: 9 Miles NW Avila Beach Avila Beach, Ca. 93424					Project Mgr: Jim Kelly			Acute Toxicity	Chronic Toxicity														Comments	
					P.O. #																			
Phone Number: (805) 545-3194					Sampled By: <i>(signature)</i> 																			
Date	Time	Comp	Grab	Matrix	Sample ID	Volume / Number																		
2-10-09	0745		X	Seawater	Discharge 001	DCPP-373	X																	
2-10-09	0722	X		Seawater	Discharge 001	DCPP-374		X																
Relinquished By: <i>(signature)</i> 					Date / Time 2-10-09 / 0920			Relinquished By: <i>(signature)</i>					Date / Time											
Received By: <i>(signature)</i> 					Date / Time 2-11-09 1020			Received By: <i>(signature)</i>					Date / Time											
								Temperature upon sample receipt: 19.9 degrees C																

CHAIN 2 = 20.1