



**Pacific Gas and
Electric Company®**

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

Date: October 18, 2007

PG&E Letter DCL-2007-548

Certified/Return Receipt
#7007-0220-0004-6735-9899

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

Dear Mr. Briggs:

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

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

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

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

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

Type of Report: (check one)

QUARTERLY

ANNUAL



Quarter: (check one):

1st

2nd

3rd

4th



Year: 2007 (Annual Reports for **DCPP** are Jan-Dec)

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

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

☐ **Yes**

Note: A single chlorine TRO exceedance result for a Pathway 001 (OTC Discharge) occurred. The event description is included in Overview Section 5.

IE2S
NRR

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)

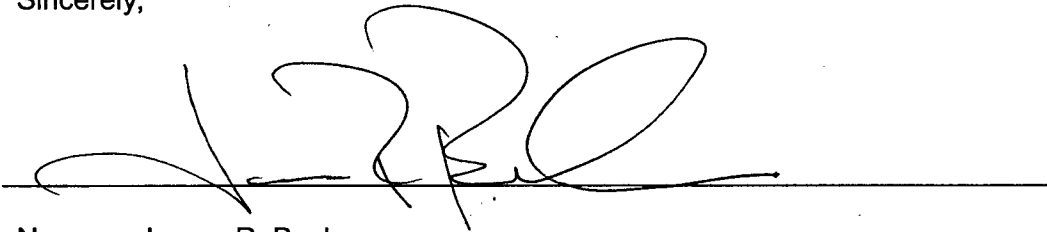
g) Corrective Action(s):
(attach additional information as needed)

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

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

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

Sincerely,

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

Name: James R. Becker

Title: Vice President - Diablo Canyon Operations and Station Director

PG&E Ltr DCL-2007-548
Mr. Briggs, CRWQCB
October 18, 2007
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cc: Peter von Langen, CRWQCB
895 Aerovista, #101
San Luis Obispo, CA 93401-7906

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

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

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

Director, Division of Reactor Projects
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Dr., Suite 400
Arlington, TX 76011-4005

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

Enclosure

ENCLOSURE 1

THIRD QUARTER 2007

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

PACIFIC GAS AND ELECTRIC COMPANY
NUCLEAR POWER GENERATION

Third Quarter 2007

REPORT ON
DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

(NPDES No. CA0003751)

PACIFIC GAS AND ELECTRIC COMPANY

Third Quarter 2007

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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APPENDIX 1: NPDES Discharge Points

APPENDIX 2: Influent and Effluent Monitoring - July 2007

APPENDIX 3: Influent and Effluent Monitoring - August 2007

APPENDIX 4: Influent and Effluent Monitoring - September 2007

APPENDIX 5: Acute Bioassay, July 26-30, 2007

APPENDIX 6: Chronic Bioassay, July 26-28, 2007

OVERVIEW

1. During the third quarter of 2007, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001J, 001L, 001M, 001N, 001P, 002 through 04, and 013. No discharges occurred from Discharge Paths 001I, 001K, 005 through 012, and 014 through 017. A list of all of the permit discharge pathways, including name and number, is provided in **Appendix 1**.
2. The substances listed in Table B of the 1990 California Ocean Plan were each analyzed for and reported in the permit renewal application for Diablo Canyon submitted in 1994. There have been no changes in the activities conducted at the plant that would have significantly affected the results previously reported in the 1994 renewal application. California Ocean Plan Table B substances that were not analyzed for this quarter were not added to the discharge stream.
3. During the third quarter of 2007, maintenance activities that required draining of closed cooling water systems were performed and are summarized below. PG&E received concurrence from the CCRWQCB in response to letters dated July 19, 1995 (PG&E Letter DCL-95-156), May 23, 1996 (PG&E Letter DCL-96-522), and May 19, 1997 (PG&E Letter DCL-97-533) regarding the use of glutaraldehyde and isothiazolin to control microbiological growth and corrosion in DCCP's closed cooling water systems. Discharges are drained at a flow rate such that the chronic toxicity level would be below the "No Observable Effect Concentration" (NOEC) at NPDES Discharge 001.

Date	System	Volume (gallons)	Glutaraldehyde (mg/l)	Isothiazolin (mg/l)	Total Suspended Solids (mg/l)	Oil & Grease (mg/l)
7/20/07	Unit 1 ICW	48	254	< 0.25	n/a	n/a
8/6/07	Unit 2 ICW	33,214	201	1.93	6.4	2.0
7/12/07 to 8/17/07	Unit 1 ICW	111	175	1.8	n/a	n/a
8/22/07	Unit 1 ICW	3,313	108	1.8	9.8	3.1
9/05/07	Unit 1 ICW	15	246	< 0.25	n/a	n/a

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

Interval	Affected Monitor(s)	Number of Affected Readings	Cause	Corrective Actions
6/27/07 to 7/3/07	Unit 1	15 during third quarter reporting period	Shift of monitor calibration after 6/27/07 maintenance	Monitor recalibrated after identification of bias
7/3/07 to 7/11/07	Unit 1	48	Faulty air pump	Pump replaced
8/2/07 to 8/3/07	Unit 1 and Unit 2	6 for each unit	Valve mis-positions	Procedure revised
8/28/07	Unit 2	1	Valve mis-position	Procedure revision
9/14/07 to 9/15/07	Unit 1	2	Sample line blockage	Line flushed

5. On August 14, 2007 the 0000 hours reading on the Unit 1 discharge chlorine monitor reached a maximum of 114 ppb. This value is below the NPDES limit of 200 ppb. However, it is above the calculated effluent limit of 89 ppb from the California Ocean Plan for intermittent 20-minute chemical treatments. Investigation indicates that a strainer at the intake supplying seawater to the injection lines had become significantly fouled with shell debris allowing chemical to accumulate in the line. When the valve was flushed, the accumulated chemical was flushed through the line into the 1-1 conduit resulting in increased levels of chlorine at the discharge. Upon discovery, injection rates were decreased and dechlorination was initiated. The strainer was manually cleaned the following day. Injection seawater supply has returned to normal levels. CCRWQCB staff were notified the afternoon of August 14, 2007.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

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

B. Monitoring of Receiving Waters

1. Ecological Studies at Diablo Canyon

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

sampling frequencies. The RWMP replaces the EMP and the Thermal Effects Monitoring Program (TEMP).

2. In Situ Bioassay

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

C. Sodium Bromide Treatment Program

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

Both conduits of Unit 1 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the third quarter with brief interruptions for maintenance activities in mid-August and late September.

Both conduits of Unit 2 were treated with simultaneous injections of sodium bromide and sodium hypochlorite six times a day throughout the third quarter with brief interruptions for maintenance activities in mid-August and late September.

APPENDIX 1

DIABLO CANYON POWER PLANT

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

APPENDIX 2

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

July 2007

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

DISCHARGE SELF MONITORING REPORT

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

PAGE: (M) 1

FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING 07 / 07 / 01		ENDING 07 / 07 / 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	50.2	68.4	18.2	2486					
2	49.8	68.0	18.2	2486					
3	50.3	68.1	17.8	2486					
4	50.0	68.2	18.2	2486					
5	51.5	69.9	18.4	2486					
6	51.6	69.9	18.3	2486					
7	52.0	70.3	18.3	2486					
8	50.9	69.2	18.3	2486					
9	51.8	70.3	18.5	2486					
10	53.7	72.0	18.3	2486					
11	54.3	72.8	18.5	2486					
12	54.8	73.1	18.3	2486	8.1	8.1	2	7.8	
13	53.3	71.6	18.3	2486				8.0	
14	52.5	70.8	18.3	2486					
15	52.9	71.2	18.3	2486					
16	53.0	71.4	18.4	2486					
17	52.1	70.5	18.4	2486					
18	52.2	70.4	18.2	2486					
19	51.9	70.1	18.2	2486					
20	51.0	69.3	18.3	2486					
21	51.9	70.0	18.1	2486					
22	53.2	71.5	18.3	2486					
23	54.6	72.9	18.3	2486					
24	53.4	71.7	18.3	2486					
25	53.0	71.2	18.2	2486					
26	52.6	70.9	18.3	2486					
27	52.4	70.7	18.3	2486					
28	53.2	71.3	18.1	2486					
29	53.6	71.6	18.0	2486					
30	53.7	72.1	18.4	2486					
31	54.6	72.9	18.3	2486					
MONTHLY AVG	52.5	70.7	18.3	2486	8.1	8.1	7.8	8.0	
MONTHLY HIGH	54.8	73.1	18.5	2486	8.1	8.1	7.8	8.0	
MONTHLY LOW	49.8	68.0	17.8	2486	8.1	8.1	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

Trevor Rebel for Bryan Cunningham

DATE

10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 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							34	446	
2							32	425	
3							31	403	
4							34	403	
5			3	ND(5)			29	403	
6							29	432	
7							29	461	
8							29	461	
9						ND(5)	29	461	
10							29	461	
11							29	497	
12	8.0	8.0	3	ND(5)			19	547	
13							19	562	
14							19	562	
15							23	559	
16							20	547	
17							18	547	
18			3	ND(5)			23	545	
19							23	518	
20							21	490	
21							20	461	
22							16	461	
23							16	461	
24			3	ND(5)			14	461	
25							19	461	
26							18	461	
27							16	461	
28							16	461	
29							12	461	
30							11	482	
31							10	533	
MONTHLY AVG	8.0	8.0	ND(5)	NO	NO	ND(5)	22	480	
MONTHLY HIGH	8.0	8.0	ND(5)	DISCHARGE	DISCHARGE	ND(5)	34	562	
MONTHLY LOW	8.0	8.0	ND(5)			ND(5)	10	403	
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	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
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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 mg/1 NET			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			
1									
2									
3			2	<	2	2		ND(5)	
4									
5									
6									
7									
8									
9				<	2		2	13	
10			4	**	3	4	<	5	
11									
12			2		3	2		ND(5)	
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24			2		28	2		2	
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO	NO				**<	5		12
MONTHLY HIGH	DISCHARGE	DISCHARGE					51		13
MONTHLY LOW							ND(5)		11
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.

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001H SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY					
1									
2					< 2		< 2		ND(5)
3									
4									
5									
6									
7									
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11									
12		< 2							
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26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(5)			ND(5)			ND(5)		
MONTHLY HIGH	ND(5)			ND(5)			ND(5)		
MONTHLY LOW	ND(5)			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.

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET * GRAB MONTHLY			EFFLUENT 001J SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET * GRAB MONTHLY					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
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27									
28									
29									
30									
31									
MONTHLY AVG MONTHLY HIGH MONTHLY LOW	NO DISCHARGE			NO DISCHARGE					
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0 MAX 100 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0 MAX 100 = 0			

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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AVILA BEACH, CALIF 93424

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3 402003001	BEGINNING	07 / 07 / 01	ENDING	07 / 07 / 31	06	CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			EFFLUENT 001N SUSPENDED SLDS mg/1 COMPOSITE WEEKLY	EFFLUENT 001P SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY		
1							
2							
3							
4							
5				ND(5)			
6							
7							
8							
9							
10							
11							
12				12	9	4	5
13							
14							
15							
16							
17							
18				24			
19							
20	7	< 2	7				
21							
22							
23							
24				45			
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	7			20	5		
MONTHLY HIGH	7			45	5		
MONTHLY LOW	7			ND(5)	5		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 60 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 0
TIMES EXCEEDED							

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12	2	<	2	2	<	2	2	ND(5)	5
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG				ND(5)			5		
MONTHLY HIGH				ND(5)			6		
MONTHLY LOW				ND(5)			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>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/1 GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/1 GRAB MONTHLY	EFFLUENT 001 COPPER ug/1 GRAB MONTHLY	EFFLUENT 001 NICKEL ug/1 GRAB MONTHLY	EFFLUENT 001 ZINC ug/1 GRAB MONTHLY	
1									
2									
3									
4									
5				ND(0.1)					
6									
7									
8									
9									
10									
11									
12				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
13									
14									
15									
16									
17									
18				ND(0.1)					
19									
20									
21									
22									
23									
24				ND(0.1)					
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	DISCHARGE			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 1.0 = 0	6M-MED 10 = 0	6M-MED 10 = 0	6M-MED 30 = 0	6M-MED 70 = 0	
TIMES EXCEEDED			D MAX 100 = 0	D MAX 3.0 = 0	D MAX 40 = 0	D MAX 50 = 0	D MAX 100 = 0	D MAX 380 = 0	
TIMES EXCEEDED					I MAX 100 = 0	I MAX 140 = 0	I MAX 260 = 0	I MAX 990 = 0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	
1									
2								ND(5)	
3						ND(5)			
4									
5									
6									
7									
8									
9									
10						2 < 5			
11									
12	ND(10)	ND(10)	10	ND(200)	ND(200)	ND(5)	ND(5)		
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24						ND(5)			
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	ND(10)	10	ND(200)	ND(200)	** < 5	ND(5)	ND(5)	
MONTHLY HIGH	ND(10)	ND(10)	10	ND(200)	ND(200)	8	ND(5)	ND(5)	
MONTHLY LOW	ND(10)	ND(10)	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
Trevor Rebel for Bryan Cunningham
DATE
10/18/2007

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

PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06	NPDES PERMIT # 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						ND(5)	2	ND(5)
13								
14								
15								
16								
17								
18								
19				2	ND(5)			
20						ND(5)		
21								
22								
23					ND(5)			
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	NO	NO	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
MONTHLY LOW				ND(5)	ND(5)	ND(5)	ND(5)	ND(5)
TIMES EXCEEDED	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
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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. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT			
1									
2			ND(10)			ND(10)			
3						ND(10)			
4				2	ND(10)				
5							ND(10)		
6									
7									
8									
9									
10									
11									
12	ND(5)								
13									
14									
15									
16									
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18									
19									
20									
21									
22									
23									
24									
25		0.00							
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(5)	0.00	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)		
MONTHLY HIGH	ND(5)	0.00	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)		
MONTHLY LOW	ND(5)	0.00	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)		
TIMES EXCEEDED	MO AVG 15 = 0		NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT		
TIMES EXCEEDED	D MAX 20 = 0								
TIMES EXCEEDED	6M-MED 0.26=0								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING 07 / 07 / 01		ENDING 07 / 07 / 31		06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
	*	*	*	*	*	*	*	*	
1									
2	ND(10)		ND(10)		ND(10)		ND(10)		
3			ND(10)				ND(10)		
4		2 < 10				2 < 10			
5				ND(10)				ND(10)	
6									
7									
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25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	< 10	ND(10)	ND(10)	ND(10)	< 10	ND(10)	ND(10)	
MONTHLY HIGH	ND(10)	18	ND(10)	ND(10)	ND(10)	18	ND(10)	ND(10)	
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 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	
1									
2	ND(10)		ND(10)		ND(0.20)		ND(0.20)		
3			ND(10)				ND(0.20)		
4		2 ND(10)				< 0.20			
5				ND(10)				ND(0.20)	
6									
7									
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16									
17									
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21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	ND(10)	ND(10)	ND(10)	ND(0.20)	< 0.20	ND(0.20)	ND(0.20)	
MONTHLY HIGH	ND(10)	ND(10)	ND(10)	ND(10)	ND(0.20)	0.21	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
Trevor Rebel for Bryan Cunningham	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
1									
2	ND(10)		ND(10)		ND(10)		ND(10)		
3			ND(10)				ND(10)		
4		2 < 10				2	ND(10)		
5				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)	< 10	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	ND(10)	10	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

PAGE: (Q) 7

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	07 / 07 / 01	ENDING	07 / 07 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT		
1						
2	43		ND(10)			
3			ND(10)			
4		2	ND(10)			
5				ND(10)		
6						
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30						
31						
MONTHLY AVG	43	ND(10)	ND(10)	ND(10)		
MONTHLY HIGH	43	ND(10)	ND(10)	ND(10)		
MONTHLY LOW	43	ND(10)	ND(10)	ND(10)		
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
Trevor Rebel for Bryan Cunningham	10/18/2007

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

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG				
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31									
MONTHLY AVG MONTHLY HIGH MONTHLY LOW	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE				
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	MO AVG 1 = 0 D MAX 1 = 0	MO AVG 1 = 0 D MAX 1 = 0	MO AVG 1 = 0 D MAX 1 = 0	MO AVG 1 = 0 D MAX 1 = 0	MO AVG 1 = 0 D MAX 1 = 0				

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
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CALIFORNIA REGIONAL WATER QUALITY
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DISCHARGE SELF MONITORING REPORT

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FACILITY I.D. 3 402003001	BEGINNING YEAR / MO / DAY 07 / 07 / 01	ENDING YEAR / MO / DAY 07 / 07 / 31	STATE CODE 06	NPDES PERMIT # CA0003751				
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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MONTHLY 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
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 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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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.

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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER		
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW									
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	6M-MED 10=0 DMAX 20=0 IMAX 50=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0 DMAX 20=0	MO AVG 15=0 DMAX 20=0		

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
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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. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 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
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2								
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31								
MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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CALIFORNIA REGIONAL WATER QUALITY
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 07 / 07 / 01		YEAR / MO / DAY ENDING 07 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER	
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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
Trevor Rebel for Bryan Cunningham	10/18/2007

APPENDIX 3

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

August 2007

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 07 / 08 / 01		ENDING 07 / 08 / 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	54.6	73.0	18.4	2486					
2	55.1	73.4	18.3	2486					
3	55.1	73.5	18.4	2486					
4	55.3	73.9	18.6	2486					
5	55.5	74.0	18.5	2486					
6	54.5	73.0	18.5	2486					
7	54.2	72.6	18.4	2486					
8	53.5	72.0	18.5	2486					
9	53.3	71.4	18.1	2486					
10	53.7	69.6	15.9	2486					
11	54.4	68.2	13.8	1950					
12	54.2	65.0	10.8	2384					
13	54.1	64.4	10.3	2486					
14	52.9	63.3	10.4	2486					
15	51.8	61.7	9.9	2486					
16	51.3	60.9	9.6	2486					
17	50.7	60.4	9.7	2486					
18	52.0	66.9	14.9	2486					
19	52.1	70.8	18.7	2486					
20	53.2	72.3	19.1	2486					
21	53.2	72.0	18.8	2486					
22	53.8	72.5	18.7	2486	7.9	7.9	2	7.6	
23	54.3	73.2	18.9	2486				2	
24	54.7	73.4	18.7	2486					
25	55.1	73.6	18.5	2486					
26	54.8	73.3	18.5	2486					
27	54.4	72.8	18.4	2486					
28	54.8	73.3	18.5	2486					
29	54.8	73.4	18.6	2486					
30	54.1	72.7	18.6	2486					
31	54.9	73.6	18.7	2486					
MONTHLY AVG	53.9	70.5	16.6	2465	7.9	7.9	7.6	7.8	
MONTHLY HIGH	55.5	74.0	19.1	2486	7.9	7.9	7.6	7.8	
MONTHLY LOW	50.7	60.4	9.6	1950	7.9	7.9	7.6	7.8	
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	DATE
Trevor Rebel for Bryan Cunningham	10/18/2007

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FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING 07 / 08 / 01		ENDING 07 / 08 / 31		06		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			2	ND(5)			16	566	
2							23	576	
3							23	576	
4							14	576	
5							14	576	
6							28	598	
7							28	626	
8							28	634	
9			3	< 5			28	648	
10							32	648	
11							15	504	
12							31	590	
13							28	634	
14							114	576	
15			3	ND(5)			26	547	
16							28	410	
17							12	482	
18							10	490	
19							< 10	490	
20			3	ND(5)			< 10	518	
21							< 10	576	
22	7.9	8.0				ND(5)	11	619	
23							< 10	641	
24							< 10	648	
25							< 10	648	
26							< 10	648	
27							< 10	662	
28							< 10	677	
29							< 10	686	
30			3	ND(5)			< 10	706	
31							< 10	706	
MONTHLY AVG	7.9	8.0	< 5	NO	NO	ND(5)	16	596	
MONTHLY HIGH	7.9	8.0	6	DISCHARGE	DISCHARGE	ND(5)	114	706	
MONTHLY LOW	7.9	8.0	ND(5)			ND(5)	< 10	410	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	1 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
Trevor Rebel for Bryan Cunningham
DATE
10/18/2007

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

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

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFF 001N=>003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=>003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			
1									
2									
3			2	<	2		2	ND(5)	
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14			2		19	2	3	2	15
15									
16			2	<	2		2	ND(5)	
17				<	2			ND(5)	
18									
19									
20									
21			2	<	2		2	ND(5)	
22							2	16	2
23								6	2
24			2		22	2	<	2	20
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO	NO				**<	5		10
MONTHLY HIGH	DISCHARGE	DISCHARGE					21		10
MONTHLY LOW							ND(5)		9
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED		90 % SMPLS>400				D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED	I MAX >10K								

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

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Trevor Rebel for Bryan Cunningham
DATE
10/18/2007

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS	EFFLUENT 001P SUSPENDED SOLIDS				
	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET	mg/1 COMPOSITE WEEKLY	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET		
1									
2				11					
3									
4									
5									
6									
7									
8									
9				8					
10									
11									
12									
13									
14				14					
15									
16									
17									
18									
19									
20				9					
21									
22					5	<	2	ND(5)	
23									
24									
25									
26									
27									
28									
29									
30				17					
31									
MONTHLY AVG	NO			12	ND(5)				
MONTHLY HIGH	DISCHARGE			17	ND(5)				
MONTHLY LOW				8	ND(5)				
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 60 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0		
TIMES EXCEEDED			D MAX 100 = 0				D MAX 100 = 0		
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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3 402003001		BEGINNING	07 / 08 / 01		ENDING	07 / 08 / 31		06		CA0003751						
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY			EFFLUENT 003 SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY												
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22	2	<	2	2	<	2	2	ND(5)	2	<	2	2	<	2	2	ND(5)
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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FACILITY I.D.	YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE	NPDES PERMIT #	
3 402003001	BEGINNING	07 / 08 / 01	ENDING	07 / 08 / 31	06	CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/1 GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/1 GRAB MONTHLY	EFFLUENT 001 COPPER ug/1 GRAB MONTHLY	EFFLUENT 001 NICKEL ug/1 GRAB MONTHLY	EFFLUENT 001 ZINC ug/1 GRAB MONTHLY	
1									
2				ND(0.1)					
3									
4									
5									
6									
7									
8									
9				ND(0.1)					
10									
11									
12									
13									
14				ND(0.1)					
15									
16									
17									
18									
19				ND(0.1)					
20									
21					ND(10)	ND(10)	ND(10)	ND(10)	
22									
23									
24									
25									
26									
27									
28									
29									
30				ND(0.1)					
31									
MONTHLY AVG	NO			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY HIGH	DISCHARGE			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
MONTHLY LOW				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 1.0 = 0	6M-MED 10 = 0	6M-MED 10 = 0	6M-MED 30 = 0	6M-MED 70 = 0	
TIMES EXCEEDED			D MAX 100 = 0	D MAX 3.0 = 0	D MAX 40 = 0	D MAX 50 = 0	D MAX 100 = 0	D MAX 380 = 0	
TIMES EXCEEDED					I MAX 100 = 0	I MAX 140 = 0	I MAX 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
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FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING	07 / 08 / 01	ENDING	07 / 08 / 31	06		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									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14						5			
15									
16									
17									
18									
19									
20									
21									
22	ND(10)	ND(10)	ND(10)						
23									
24						ND(5)			
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	ND(10)	ND(10)			** < 5			
MONTHLY HIGH	ND(10)	ND(10)	ND(10)			5			
MONTHLY LOW	ND(10)	ND(10)	ND(10)			ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	
TIMES EXCEEDED					I MAX 30600 = 0				

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

PRINCIPAL EXECUTIVE OFFICER

JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT
Trevor Rebel for Bryan Cunningham
DATE
10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16		ND(5)						
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
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT			
1									
2									
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4									
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26									
27									
28									
29									
30									
31									
MONTHLY AVG MONTHLY HIGH MONTHLY LOW									
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	MO AVG 15 = 0 D MAX 20 = 0 6M-MED 0.26=0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT				

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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DISCHARGE SELF MONITORING REPORT

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

PAGE: (Q) 4

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.	YEAR / MO / DAY BEGINNING	YEAR / MO / DAY ENDING	STATE CODE	NPDES PERMIT #	
3 402003001	07 / 08 / 01	07 / 08 / 31	06	CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/l 24-HR COMP. METAL CLNG				
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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.

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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06	NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG		
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER	
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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

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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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CONTROL BOARD
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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 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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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.

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER		
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER		
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 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
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 08 / 01		YEAR / MO / DAY ENDING 07 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER	
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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>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

APPENDIX 4

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

September 2007

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

DISCHARGE SELF MONITORING REPORT

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

PAGE: (M) 1

FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING 07 / 09 / 01		ENDING 07 / 09 / 30		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	53.6	72.3	18.7	2486					
2	54.0	72.7	18.7	2486					
3	52.9	71.5	18.6	2486					
4	51.6	70.2	18.6	2486					
5	52.5	71.2	18.7	2486					
6	55.3	74.1	18.8	2486					
7	56.5	74.9	18.4	2486					
8	55.9	74.4	18.5	2486					
9	55.6	74.2	18.6	2486					
10	55.2	73.8	18.6	2486					
11	54.1	72.8	18.7	2486					
12	53.7	72.3	18.6	2486					
13	54.1	72.6	18.5	2486					
14	52.9	71.4	18.5	2486					
15	52.7	71.2	18.5	2486					
16	53.6	72.2	18.6	2486					
17	53.7	72.5	18.8	2486					
18	53.7	72.4	18.7	2486					
19	54.0	72.6	18.6	2486					
20	53.6	71.8	18.2	2486					
21	55.6	74.5	18.9	2486					
22	55.4	74.3	18.9	2486					
23	55.9	74.7	18.8	2486					
24	56.9	75.4	18.5	2486	8.1	8.1	2	7.8	
25	56.9	75.6	18.7	2486					
26	57.1	76.0	18.9	2486					
27	57.0	76.1	19.1	2486					
28	56.9	75.8	18.9	2486					
29	56.1	74.9	18.8	2486					
30	55.2	74.2	19.0	2486					
31									
MONTHLY AVG	54.7	73.4	18.7	2486	8.1	8.1	7.8	8.1	
MONTHLY HIGH	57.1	76.1	19.1	2486	8.1	8.1	7.8	8.1	
MONTHLY LOW	51.6	70.2	18.2	2486	8.1	8.1	7.8	8.1	
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	DATE
Trevor Rebet for Bryan Cunningham	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 pH pH UNITS GRAB MONTHLY	EFFLUENT 004 pH pH UNITS GRAB MONTHLY	EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY	EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***)	EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY	EFFLUENT 001 T CHLOR RES ug/l GRAB (****) 2 per CYCLE	EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY
1							11	706
2							11	706
3							16	706
4							23	706
5						5	23	691
6			3	ND(5)			< 10	677
7							< 10	677
8							< 10	677
9							< 10	677
10							13	706
11							14	749
12			3	ND(5)			20	749
13							26	691
14							34	634
15							37	619
16							31	619
17							28	619
18							28	600
19							21	562
20							19	562
21			3	ND(5)			19	562
22							18	562
23							13	562
24	8.1	8.1					< 10	394
25							< 10	653
26			3	ND(5)			16	691
27							16	720
28							16	734
29							16	734
30							14	734
31								
MONTHLY AVG	8.1	8.1	ND(5)	NO	NO	5	16	656
MONTHLY HIGH	8.1	8.1	ND(5)	DISCHARGE	DISCHARGE	5	37	749
MONTHLY LOW	8.1	8.1	ND(5)			5	< 10	394
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	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING	07 / 09 / 01	ENDING	07 / 09 / 30	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 mg/1 NET GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			
1									
2									
3									
4									
5			< 2			ND(5)	2	20	2 < 2 2 20
6									
7									
8									
9									
10									
11			< 2			ND(5)			
12			2 < 2			ND(5)	2		
13									
14									
15									
16									
17									
18									
19									
20			2 58	2	5	2 54			
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO		NO		**< 5		20		
MONTHLY HIGH	DISCHARGE		DISCHARGE		54		20		
MONTHLY LOW					ND(5)		20		
TIMES EXCEEDED	80% SMPLS>1K		MEAN>200 =		NO LIMIT		NO LIMIT		MO AVG 30 = 0
TIMES EXCEEDED			90 % SMPLS>400		NO LIMIT		NO LIMIT		D MAX 100 = 0
TIMES EXCEEDED	I MAX >10K								D MAX 100 = 0

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

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D.
3 402003001

YEAR / MO / DAY
BEGINNING 07 / 09 / 01

YEAR / MO / DAY
ENDING 07 / 09 / 30

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									
2									
3									
4	< 2		ND(5)						
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

DATE

Trevor Rebel for Bryan Cunningham

10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
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895 AEROVISTA PLACE, SUITE 101
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			EFFLUENT 001J SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY					
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
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

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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

CALIFORNIA REGIONAL WATER QUALITY
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CENTRAL COAST REGION
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 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001L SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY					
1									
2									
3									
4					2	<	2		ND(5)
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO						ND(5)		
MONTHLY HIGH	DISCHARGE						ND(5)		
MONTHLY LOW							ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	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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<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			EFFLUENT 001N SUSPENDED SLDS mg/1 COMPOSITE WEEKLY		EFFLUENT 001P SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB MONTHLY			
1									
2									
3									
4									
5									
6					13				
7									
8									
9									
10									
11	3	<	2	ND(5)					
12					14				
13									
14									
15									
16									
17									
18									
19									
20									
21					12				
22									
23									
24						2	<	2	
25								ND(5)	
26					10				
27									
28									
29									
30									
31									
MONTHLY AVG				ND(5)	12			ND(5)	
MONTHLY HIGH				ND(5)	14			ND(5)	
MONTHLY LOW				ND(5)	10			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
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CALIFORNIA REGIONAL WATER QUALITY
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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 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY						
	*	*	*	*	*	*	*	*	*	
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	2	2	2	<	2	2	ND(5)	2	5	
25										
26										
27										
28										
29										
30										
31										
MONTHLY AVG				ND(5)			5			
MONTHLY HIGH				ND(5)			5			
MONTHLY LOW				ND(5)			ND(5)			
TIMES EXCEEDED	NO LIMIT		NO LIMIT		MO AVG 30 = 0		NO LIMIT		NO LIMIT	
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
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PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/1 GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/1 GRAB MONTHLY	EFFLUENT 001 COPPER ug/1 GRAB MONTHLY	EFFLUENT 001 NICKEL ug/1 GRAB MONTHLY	EFFLUENT 001 ZINC ug/1 GRAB MONTHLY	
1									
2									
3									
4									
5									
6				ND(0.1)					
7									
8									
9									
10									
11									
12				ND(0.1)					
13									
14									
15									
16									
17									
18									
19									
20									
21				ND(0.1)					
22									
23									
24					ND(10)	ND(10)	ND(10)	ND(10)	
25									
26				ND(0.1)					
27									
28									
29									
30									
31									
MONTHLY AVG	NO			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	DISCHARGE			ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	MO AVG 1.0 = 0	6M-MED 10 = 0	6M-MED 10 = 0	6M-MED 30 = 0	6M-MED 70 = 0	
TIMES EXCEEDED			D MAX 100 = 0	D MAX 3.0 = 0	D MAX 40 = 0	D MAX 50 = 0	D MAX 100 = 0	D MAX 380 = 0	
TIMES EXCEEDED					I MAX 100 = 0	I MAX 140 = 0	I MAX 260 = 0	I MAX 990 = 0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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CALIFORNIA REGIONAL WATER QUALITY
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PO BOX 56
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		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									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20						8			
21									
22									
23									
24	ND(10)	ND(10)	10						
25									
26									
27									
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MONTHLY AVG	ND(10)	ND(10)	10			8			
MONTHLY HIGH	ND(10)	ND(10)	10			8			
MONTHLY LOW	ND(10)	ND(10)	10			8			
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	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
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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>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT			
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TIMES EXCEEDED	MO AVG 15 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT				
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>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L T CHROMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F T CHROMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L COPPER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F COPPER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
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TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING - 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06	NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT			
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TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT			

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L COPPER mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M COPPER mg/l 24-HR COMP. METAL CLNG				
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MONTHLY AVG	NO	NO	NO	NO	NO				
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE				
MONTHLY LOW									
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0				
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0				
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06	NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG		
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MONTHLY AVG MONTHLY HIGH MONTHLY LOW	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE		
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0		
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0		
TIMES EXCEEDED							

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel</i> <i>Bryan Cunningham</i>	10/18/2007

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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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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

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		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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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
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER		
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TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	6M-MED 10=0 D MAX 20=0 I MAX 50=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0 D MAX 20=0	MO AVG 15=0 D MAX 20=0		

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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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

PAGE: (A) 4

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER		
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
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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	DATE
<i>Trevor Rebel</i> <i>Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

PAGE: (A) 5

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE MOISTURE % GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE pH pH units GRAB OCTOBER	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE BORON mg/kg GRAB OCTOBER	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
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19									
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21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG MONTHLY HIGH MONTHLY LOW									
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebeck for Bryan Cunningham</i>	10/18/2007

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

DISCHARGE SELF MONITORING REPORT

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

PAGE: (A) 6

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 07 / 09 / 01		YEAR / MO / DAY ENDING 07 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
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	TTLT>100=0	TTLT>2500=0	TTLT>500=0	TTLT>1000=0	TTLT>2000=0	TTLT>20=0	TTLT>5000=0		

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
JAMES R. BECKER

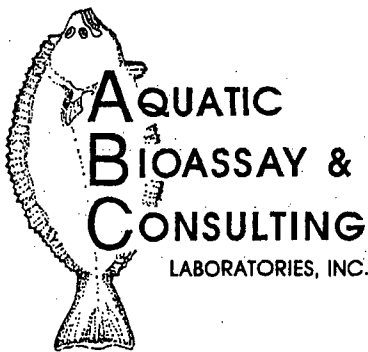
SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Trevor Rebel for Bryan Cunningham</i>	10/18/2007

APPENDIX 5

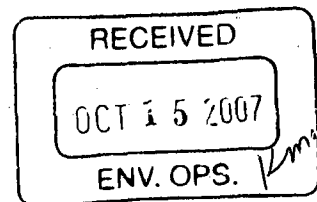
DIABLO CANYON POWER PLANT

Acute Bioassay

July 26-30, 2007



ORIGINAL



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

August 1, 2007

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

Dear Ms. Ziegler:

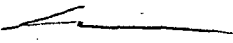
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Guidelines for Performing Static Acute Fish Bioassays in Municipal and Industrial Waste Waters* as provided to us by Frederic R. Kopperdahl, Fish and Wildlife Water Pollution Control Laboratory,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

CLIENT:	FGL Environmental
SAMPLE I.D.:	DCPP Discharge 001 Acute
DATE RECEIVED:	25 July - 07
ABC LAB. NO.:	FGL0707.134

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: 7/26/2007	Test ID: FGL0707134	Sample ID: CA0000000
End Date: 7/30/2007	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 7/25/2007	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: DCPD Discharge 001 Acute (708300)		

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

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

Auxiliary Tests

Statistic

Critical

Skew

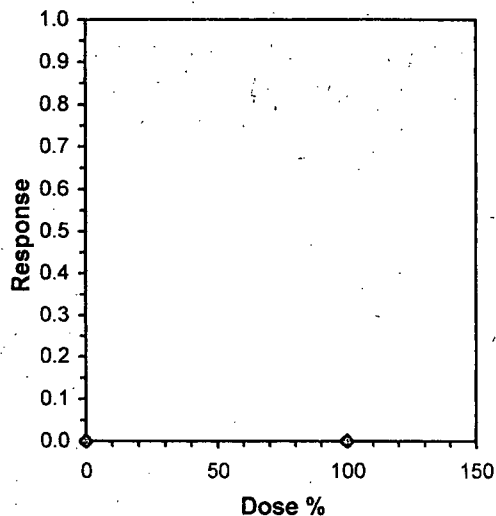
Kurt

Normality of the data set cannot be confirmed

Equality of variance cannot be confirmed

Linear Interpolation (200 Resamples)

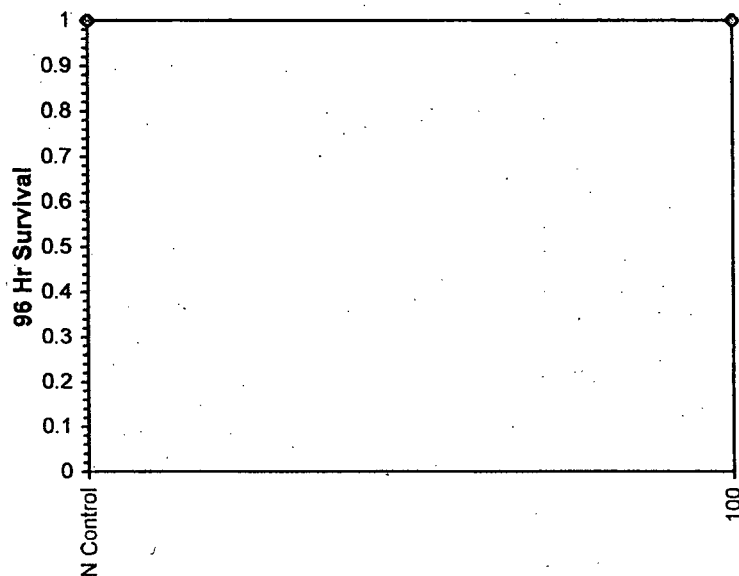
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



-96 Hr Survival

Start Date: 7/26/2007	Test ID: FGL0707134	Sample ID: CA0000000
End Date: 7/30/2007	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 7/25/2007	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: DCPD Discharge 001 Acute (708300)		

Dose-Response Plot



-96 Hr Survival

Start Date: 7/26/2007 Test ID: FGL0707134 Sample ID: CA0000000
End Date: 7/30/2007 Lab ID: CAABC Sample Type: EFF3-Power Plant
Sample Date: 7/25/2007 Protocol: KOP 76-Kopperdahl Test Species: HR-Haliotis rufescens
Comments: DCPD Discharge 001 Acute (708300)

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	14.27	14.00	15.30	0.54	5.17	10
100		14.12	14.00	14.50	0.20	3.20	10
N Control	pH	7.84	7.80	8.00	0.07	3.37	10
100		7.78	7.70	7.80	0.04	2.64	10
N Control	DO mg/L	7.42	7.00	7.60	0.23	6.53	10
100		7.57	7.30	7.70	0.16	5.34	10
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	10
100		35.00	35.00	35.00	0.00	0.00	10
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0

CLIENT DETAILS

SECTION I

Client: PG&E Diablo Canyon Chemistry
☐ New Customer Customer Number: _____
 Address: P.O. Box 56
Avila Beach, Ca. 93424
 Phone: (805) 545-3286
 FAX: (805) 545-3065
 Project name: Quarterly Toxicity
 Contact person: Rich Dong
 Billing Information (if different from above)
 Name: _____
 Address: _____
 Phone: _____
 FAX: _____
 Contact person: _____
 Purchase order/contract/FGL quote number: _____
 Pre Log Required: yes _____ Frequency: Monthly ☐ Weekly ☐ Quarterly ☐ Other ☐

SAMPLING

SECTION II

Sampler (s): Larry Oertel
 Comp Sampler Set up Date: 7/24/07 Time: 0600
 Time: _____ Mileage: _____
 Shipping Charge: _____ Pickup Charge: _____

REPORT INFORMATION

SECTION III

Rush Analysis (surcharge will apply):
☐ 5 Day ☐ 4 Day ☐ 3 Day
☐ 2 Day ☐ 24 hour
 Rush pre-approval by lab: _____ initial _____
 Electronic Data Transfer: yes _____ no _____
 If yes, To: State _____ Client _____ Other _____
 Lab number: 708900

SAMPLE INFORMATION

SECTION IV

Sample Number	Location/Description	Date Sampled	Time Sampled
52	Discharge 001 Acute Toxicity	07/25/07	0843
53	Discharge 001 Chronic Toxicity	07/25/07	0852

Type of Sampling: Composite(C) Grab(G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metal Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well	(GW) Ground Water (TB) Travel Blank	(WW) Wastewater (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	BacT: (Sys) System (SRC) Source (W) Waste	BacT: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL)	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl, (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other
G	1	P	NP	WW	u/a	u/a	u/a	u/a	u/a	u/a	u/a
G	1	P	NP	WW	u/a	u/a	u/a	u/a	u/a	u/a	u/a

ANALYSES REQUESTED
 Acute Toxicity
 Chronic Toxicity

To Lab D/T:

REMARKS

SECTION V

CUSTODY

SECTION VI

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

Relinquished by: Larry Oertel Date: 7-25-07 Time: 0843
 Received by: Kendal Kett Date: 7/25/07 Time: 0843
 Relinquished by: Kendal Kett Date: 7/25/07 Time: 1043
 Received by: [Signature] Date: 7/25/07 Time: 1043

Relinquished by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____



Phone: (805) 659-0910 Fax: (805) 525-4172
Project: 718300 Contact Person: _____

If yes, To: State _____ Client _____ Other _____

Sampler(s) LARRY

[illegible]

Time: _____

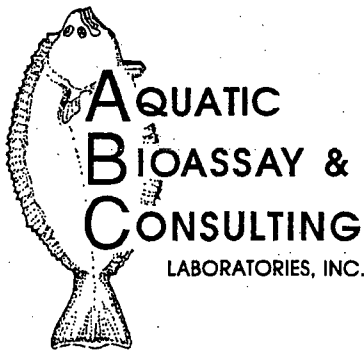
Time:

APPENDIX 6

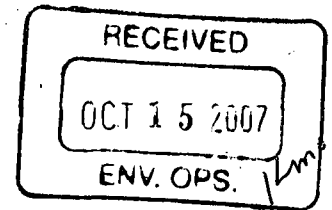
DIABLO CANYON POWER PLANT

Chronic Bioassay

July 26-28, 2007



ORIGINAL



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

August 1, 2007

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

Dear Ms. Ziegler:

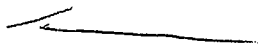
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-R-95/136. Results were as follows:

CLIENT:	FGL Environmental
SAMPLE I.D.:	DCPP Discharge 001 Chronic
DATE RECEIVED:	25 July - 07
ABC LAB. NO.:	FGL0707.135

CHRONIC ABALONE LARVAL DEVELOPMENT BIOASSAY

NOEC =	100.00 %
TU _c =	1.00
IC ₂₅ =	>100.00 %
IC ₅₀ =	>100.00 %

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

Abalone Larval Development Test-Proportion No.

Start Date: 7/26/2007 Test ID: FGL0707135 Sample ID: CA0000000
 End Date: 7/28/2007 Lab ID: CAABC Sample Type: EFF1-POTW
 Sample Date: 7/25/2007 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
 Comments: DCPD Discharge 001 Chronic (708300)

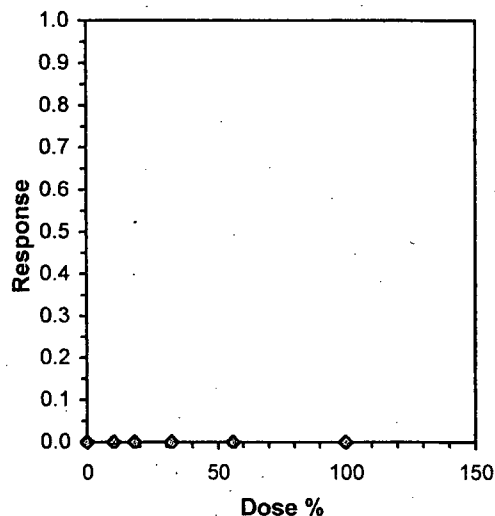
Conc.-%	1	2	3	4	5
N Control	1.0000	1.0000	1.0000	1.0000	1.0000
10	1.0000	1.0000	1.0000	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
32	1.0000	1.0000	1.0000	1.0000	1.0000
56	1.0000	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000	1.0000

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

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

Linear Interpolation (200 Resamples)				
Point	%	SD	95% CL(Exp)	Skew

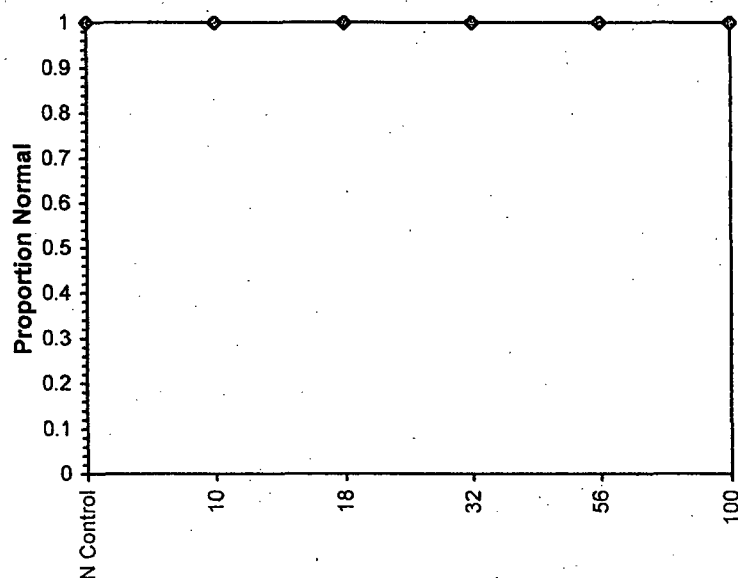
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



Abnormal Larval Development Test-Proportion Normal

Start Date: 7/26/2007	Test ID: FGL0707135	Sample ID: CA0000000
End Date: 7/28/2007	Lab ID: CAABC	Sample Type: EFF1-POTW
Sample Date: 7/25/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: DCPD Discharge 001 Chronic (708300)		

Dose-Response Plot

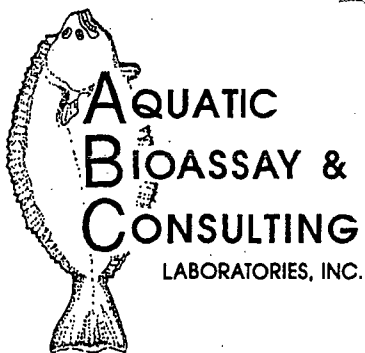


Abalone Larval Development Test-Proportion No.

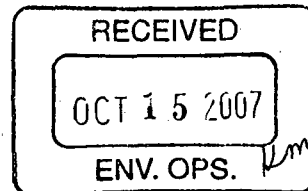
Start Date: 7/26/2007 Test ID: FGL0707135 Sample ID: CA0000000
 End Date: 7/28/2007 Lab ID: CAABC Sample Type: EFF1-POTW
 Sample Date: 7/25/2007 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
 Comments: DCPD Discharge 001 Chronic (708300)

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.55	15.50	15.60	0.07	1.71	2
10		15.55	15.50	15.60	0.07	1.71	2
18		15.55	15.50	15.60	0.07	1.71	2
32		15.55	15.50	15.60	0.07	1.71	2
56		15.55	15.50	15.60	0.07	1.71	2
100		15.55	15.50	15.60	0.07	1.71	2
N Control	pH	7.65	7.60	7.70	0.07	3.48	2
10		7.60	7.50	7.70	0.14	4.95	2
18		7.60	7.50	7.70	0.14	4.95	2
32		7.60	7.50	7.70	0.14	4.95	2
56		7.60	7.50	7.70	0.14	4.95	2
100		7.70	7.70	7.70	0.00	0.00	2
N Control	DO mg/L	6.05	4.20	7.90	2.62	26.74	2
10		6.15	4.40	7.90	2.47	25.58	2
18		6.15	4.40	7.90	2.47	25.58	2
32		6.00	4.10	7.90	2.69	27.32	2
56		6.05	4.10	8.00	2.76	27.45	2
100		6.20	4.30	8.10	2.69	26.44	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



ORIGINAL



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE: 26 July - 07

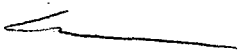
STANDARD TOXICANT: Zinc

NOEC = 56.00 ug/l

IC25 = 67.00 ug/l

IC50 = 78.00 ug/l

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

Albino Larval Development Test-Proportion No. 1

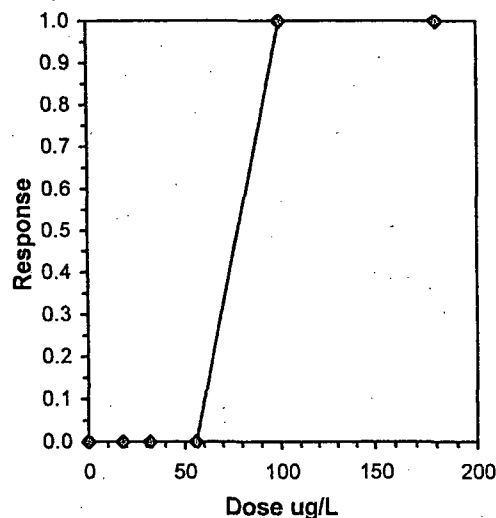
Start Date: 7/26/2007 Test ID: ABS072607 Sample ID: REF-Ref Toxicant
 End Date: 7/28/2007 Lab ID: ABC LABS Sample Type: ZNSO-Zinc sulfate
 Sample Date: 7/26/2007 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
 Comments: Standard Toxicant

Conc-ug/L	1	2	3	4	5
Control	1.0000	1.0000	1.0000	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
32	1.0000	1.0000	1.0000	1.0000	1.0000
56	1.0000	1.0000	1.0000	1.0000	1.0000
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	1.0000	1.0000	1.5208	1.5208	1.5208	0.000	5	27.50	17.00	1.0000	1.0000
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 normal distribution ($p > 0.01$)	1	0.868		
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				

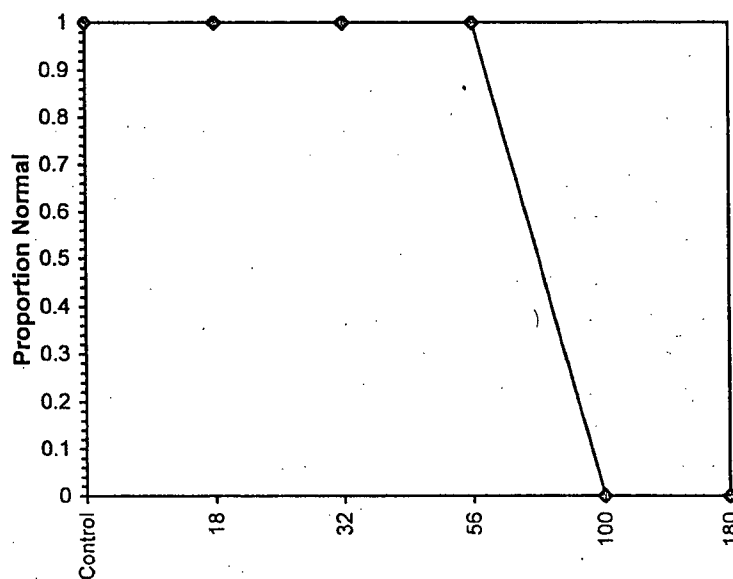
Linear Interpolation (200 Resamples)					
Point	ug/L	SD	95% CL(Exp)		Skew
IC05	58.200	0.000	58.200	58.200	-1.0076
IC10	60.400	0.000	60.400	60.400	1.0076
IC15	62.600	0.000	62.600	62.600	-1.0076
IC20	64.800	0.000	64.800	64.800	1.0076
IC25	67.000	0.000	67.000	67.000	#DIV/0!
IC40	73.600	0.000	73.600	73.600	-1.0076
IC50	78.000	0.000	78.000	78.000	#DIV/0!



Alone Larval Development Test-Proportion Normal

Start Date: 7/26/2007	Test ID: ABS072607	Sample ID: REF-Ref Toxicant
End Date: 7/28/2007	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 7/26/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

Dose-Response Plot



A One Larval Development Test-Proportion N

Start Date: 7/26/2007	Test ID: ABS072607	Sample ID: REF-Ref Toxicant
End Date: 7/28/2007	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 7/26/2007	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
Control	Temp C	15.55	15.50	15.60	0.07	1.71	2
18		15.55	15.50	15.60	0.07	1.71	2
32		15.55	15.50	15.60	0.07	1.71	2
56		15.55	15.50	15.60	0.07	1.71	2
100		15.55	15.50	15.60	0.07	1.71	2
180		15.55	15.50	15.60	0.07	1.71	2
Control	pH	7.65	7.60	7.70	0.07	3.48	2
18		7.65	7.60	7.70	0.07	3.48	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
180		7.65	7.60	7.70	0.07	3.48	2
Control	DO mg/L	6.05	4.20	7.90	2.62	26.74	2
18		6.00	4.10	7.90	2.69	27.32	2
32		6.00	4.10	7.90	2.69	27.32	2
56		6.00	4.10	7.90	2.69	27.32	2
100		6.00	4.10	7.90	2.69	27.32	2
180		6.00	4.10	7.90	2.69	27.32	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



Subcontract Chain of Custody

CLIENT DETAILS:

Client: FGL Environmental

Address: 853 Corporation Street
Santa Paula, CA 93061

Phone: (805) 659-0910

Fax: (805) 525-4172

Project: 708300

Contact Person: _____

REPORT INFORMATION:

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

Electronic Data Transfer: YES / NO

If yes, To: State _____ Client _____ Other _____

REMARKS:

SAMPLING:

Sampler(s) Larry

Sample Number	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metals Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	Preservative: (1) NaOH + ZnAc (2) NaOH (3) HCl (4) H2SO4 (5) HNO3 (6) Na2S2O3 (7) Other	ANALYSIS REQUESTED	Acute Toxicity	Chronic Toxicity
0	Discharge 001 Acute Toxicity	7/25/07	0843	G	1	P	NP	WW				X	
	Discharge 001 Chronic Toxicity	↓	0852	↓	↓	↓	↓	↓				X	

CUSTODY:

Relinquished by: [Signature]

Date: 7/25/07

Time: 1545

Relinquished by: _____

Date: _____ Time: _____

Received by: [Signature]

Date: ↓

Time: 1545

Received by: _____

Date: _____ Time: _____

Temp. @ Release = 17.2 °C