



**Pacific Gas and
Electric Company®**

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

Date: October 19, 2005

PG&E Letter DCL-2005-552

Certified/Return Receipt
7003-3110-0005-7002-5154

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

Dear Mr. Briggs:

In accordance with Order 90-09, NPDES No. CA0003751, enclosed is the Third Quarter 2005 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
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Quarter: (check one):

1 st	2 nd	3 rd	4 th
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Year: 2005 (Annual Reports for DCPD are Jan-Dec)

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

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

☐ **Yes**

IE25

PG&E Ltr DCL-2005-552
Mr. Briggs, CRWQCB
October 19, 2005
Page 2

If Yes is marked (complete a-g):

a) Parameter(s) in Violation:

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

c) Reported Value(s)

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

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

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

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

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

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

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 'JR Becker', is written over a horizontal line.

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

2005552/jlk/kmo

PACIFIC GAS AND ELECTRIC COMPANY

Third Quarter 2005

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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ENCLOSURE 1

THIRD QUARTER 2005

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

PACIFIC GAS AND ELECTRIC COMPANY
NUCLEAR POWER GENERATION

Third Quarter 2005

REPORT ON
DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

(NPDES No. CA0003751)

OVERVIEW

1. During the third quarter of 2005, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001L, 001M, 001N, 001P, and 002 through 004. No discharges occurred from Discharge Paths 001I, 001J, 001K, and 005 through 017. A list of all of the permit discharge pathways, including name and number, is provided in **Appendix 1**.
2. The substances listed in Table B of the 1990 California Ocean Plan were each analyzed for and reported in the permit renewal application for Diablo Canyon submitted in 1994. There have been no changes in the activities conducted at the plant that would have significantly affected the results previously reported in the 1994 renewal application. California Ocean Plan Table B substances that were not analyzed for this quarter were not added to the discharge stream.
3. During the third quarter of 2005, 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 PG&E'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)
07/01/05	Unit 1 ICW	1,150	172	5.7
07/06/05	Unit 2 ICW	1,150	158	2.8

4. Injections of sulfur hexafluoride (SF₆) into DCCP's condensers were performed to detect saltwater leaks during this quarter. CCRWQCB's Sorrel Marks concurred during conversations held in May 1996 that periodic use of SF₆ would not increase DCCP's probability of exceeding NPDES permit limitations.

Date	Number of Injections	Duration (seconds)	Injection Rate of SF ₆ (Standard Cubic Feet per Minute)	Total Scf SF ₆
08/01/05	5	60	5	25

5. Two samples from flow path 001D were taken on July 6, 2005 for oil and grease analysis in the Diablo Canyon Power Plant laboratory. These samples were analyzed on August 12, 2005; nine days in excess of the 28-day maximum holding time. When analyzed, the results were a non-detect (<5 mg/L) and 7.4 mg/L. These results are well below both the 15 mg/L monthly average limit, and the 20 mg/L daily maximum limit. Because the samples had been acidified and refrigerated since collection, it is unlikely that exceedance of the 28-day sample holding time significantly impacted the accuracy of results obtained, or effected the conclusion that oil and grease limits were not exceeded.
6. One sample from flow path 001N was taken on July 8, 2005 for settleable solids analysis. The sample was received at the contract laboratory where it was to be analyzed later on that same day. However, the analysis was not performed until July 12, 2005; two days in excess of the 48-hour maximum holding time. The result of the

analysis was a non detect (< 0.1 ml/L). It is believed that exceeding the hold time at the laboratory had no significant effect on the result, because detectable settleable solids have not historically been observed in flow path 001N at Diablo Canyon Power Plant. Accordingly, it is unlikely that the monthly average limit of 1.0 ml/L or the daily maximum limit of 3.0 ml/L was approached in the sample, and results obtained are accurate.

7. On August 17, 2005, an unusually high Total Suspended Solids (TSS) value of 110 mg/l for 001N was detected. Other TSS values for 001N during August were <5 mg/l, 9 mg/l, and 6 mg/l. Therefore, the monthly average for August was well below the limit of 60 mg/l. Since, there is no maximum limit for TSS, and the monthly average remained well below the 60 mg/l limit, DCPD did not exceed the TSS limit during the month of August for 001N.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. The results of the July, August, and September 2005 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 August 17 - 21, 2005, 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 August 18 - 20, 2005, 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 (CCRWWQB) dated December 9, 1998 and as detailed in a letter (DCL-99-503) from PG&E 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 CCRWWQB directly from the California Department of Fish and Game in their periodic report for this program.

C. Sodium Bromide Treatment Program

Diablo Canyon Power Plant is continuing its 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. There were two brief interruptions in August due to lack of chemical and operator error.

Both conduits of Unit 2 were treated through most of the third quarter with simultaneous injections of sodium bromide and sodium hypochlorite six times a day. There were two brief interruptions in August due to lack of chemical and operator error, and another longer interruption in mid-September while both Unit 2 conduits were manually cleaned.

D. Errata Information

In Diablo Canyon Power Plant's second quarter report, page M3 of the June DSMR contained an error. The flow-weighted monthly average for total suspended solids at discharge 001D had been incorrectly calculated. The value should have been 5 mg/l, not 11 mg/l as originally reported. A corrected DSMR form is included in **Appendix 7**.

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 2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 #		
3402003001	BEGINNING	05 / 07 / 01	ENDING	05 / 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	51.7	71.6	19.9	2486				
2	52.1	72.1	20.0	2486				
3	52.3	72.2	19.9	2486				
4	52.2	72.2	20.0	2486				
5	51.5	71.4	19.9	2486				
6	51.0	70.8	19.8	2486				
7	51.2	71.1	19.9	2486	7.8	7.8		
8	51.3	71.2	19.9	2486				
9	51.4	70.9	19.5	2486				
10	51.0	70.9	19.9	2486				
11	50.5	70.4	19.9	2486			2	7.6
12	52.2	72.2	20.0	2486				2
13	52.6	72.6	20.0	2486				7.8
14	51.5	71.4	19.9	2486				
15	52.5	72.4	19.9	2486				
16	53.2	73.3	20.1	2486				
17	52.5	72.4	19.9	2486				
18	52.3	72.3	20.0	2486				
19	51.5	71.2	19.7	2486				
20	51.9	71.8	19.9	2486				
21	52.1	71.9	19.8	2486				
22	52.1	71.9	19.8	2486				
23	53.0	72.8	19.8	2486				
24	53.9	73.8	19.9	2486				
25	53.4	73.3	19.9	2486				
26	53.4	73.3	19.9	2486				
27	53.8	73.8	20.0	2486				
28	54.6	74.6	20.0	2486				
29	55.1	75.0	19.9	2486				
30	54.7	74.7	20.0	2486				
31	55	74.8	19.9	2486				
MONTHLY AVG	52.5	72.4	19.9	2486	7.8	7.8	7.6	7.6
MONTHLY HIGH	55.1	75.0	20.1	2486	7.8	7.8	7.6	7.6
MONTHLY LOW	50.5	70.4	19.5	2486	7.8	7.8	7.6	7.6
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO CA 93401

DISCHARGE SELF MONITORING REPORT

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DIABLO CANYON NUCLEAR POWER PLANT
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PAGE: (M) 2

FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING	05 / 07 / 01	ENDING	05 / 07 / 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							31	432	
2							31	432	
3							26	432	
4							29	432	
5							26	432	
6							26	418	
7							26	403	
8			3	ND(5)			29	403	
9							26	403	
10							32	403	
11		7.8				ND(5)	35	403	
12							26	408	
13			3	ND(5)			26	442	
14	7.9						32	475	
15							35	353	
16							18	475	
17							20	475	
18							22	497	
19							24	518	
20							26	547	
21							42	576	
22			3	ND(5)			50	576	
23							42	576	
24							35	576	
25							32	576	
26							32	576	
27							29	586	
28			3	ND(5)			24	605	
29							18	629	
30							17	662	
31							17	670	
MONTHLY AVG	7.9	7.8	ND(5)	NO	NO	ND(5)	29	496	
MONTHLY HIGH	7.9	7.8	ND(5)	DISCHARGE	DISCHARGE	ND(5)	50	670	
MONTHLY LOW	7.9	7.8	ND(5)			ND(5)	10	353	
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

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT

Bryan Cunningham

DATE

10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
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PO BOX 56
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PAGE: (M) 3

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 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 SUSPENDE SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001F SUSPENDE SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			
1									
2									
3									
4									
5									
6			2	38	2	3	2	36	
7				4				ND(5)	
8				1				ND(5)	
9									
10									
11									
12				1				ND(5)	
13									
14			2	37			2	37	
15									
16									
17									
18									
19									
20									
21									
22			2	10			2	10	
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO	NO				** <	5	6	
MONTHLY HIGH	DISCHARGE	DISCHARGE					40	6	
MONTHLY LOW							ND(5)	6	
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0			D MAX 100 = 0	
TIMES EXCEEDED	1 MAX >10K								

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

PRINCIPAL EXECUTIVE OFFICER
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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB MONTHLY			EFFLUENT 001H SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB MONTHLY		
1						
2						
3				1	1	ND(5)
4						
5						
6						
7						
8						
9						
10						
11	1					
12			ND(5)			
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.

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	mg/l 1st FLTR	EFFLUENT 001I SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	EFFLUENT 001J SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET			
1									
2									
3									
4									
5									
6									
7									
8									
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10									
11									
12									
13									
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21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO DISCHARGE			NO DISCHARGE					
MONTHLY HIGH									
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.

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DAVID H. OATLEY

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<i>Bryan Cunningham</i>	10/19/2005

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CONTROL BOARD
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81 HIGUERA
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PAGE: (M) 6

FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	mg/l 1st FLTR	EFFLUENT 001K SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	EFFLUENT 001L SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11				2	<	1	2	ND(5)	
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO						ND(5)		
MONTHLY HIGH	DISCHARGE						ND(5)		
MONTHLY LOW							ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 55
AVILA BEACH, CALIF 93424

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

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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

PAGE: (M) 8

FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06		NPDES PERMIT # 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	2	2	2	1	2	ND(5)			
12									
13									
14						2	7	2	3
15									2
16									ND(5)
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG				ND(5)			ND(5)		
MONTHLY HIGH				ND(5)			ND(5)		
MONTHLY LOW				ND(5)			ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
31 HIGUERA
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 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/l GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/l GRAB MONTHLY	EFFLUENT 001 COPPER ug/l GRAB MONTHLY	EFFLUENT 001 NICKEL ug/l GRAB MONTHLY	EFFLUENT 001 ZINC ug/l GRAB MONTHLY	
1									
2									
3									
4									
5									
6									
7									
8				ND(0.1)	ND(10)	ND(10)	ND(10)	ND(10)	
9									
10									
11									
12				ND(0.1)					
13									
14									
15									
16									
17									
18									
19									
20									
21									
22				ND(0.1)					
23									
24									
25									
26									
27									
28				ND(0.1)					
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Carmona</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/API/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/API/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/API/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/API/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/API/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/API/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/API/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/API/JUL/OCT	
1									
2									
3								ND(5)	
4									
5									
6						7			
7	ND(10)	ND(10)	ND(10)			ND(5)			
8						ND(5)			
9									
10									
11							ND(5)		
12									
13									
14						9			
15									
16									
17									
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19									
20									
21									
22									
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24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	ND(10)	ND(10)	---	---	5	ND(5)	ND(5)	
MONTHLY HIGH	ND(10)	ND(10)	ND(10)			9	ND(5)	ND(5)	
MONTHLY LOW	ND(10)	ND(10)	ND(10)			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.
- *** AMMONIA SAMPLED, ANALYZED, AND REPORTED IN AUGUST DUE TO EQUIPMENT PROBLEM.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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	05 / 07 / 01	ENDING	05 / 07 / 31	06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7				ND(5)				
8								
9								
10								
11				ND(5)		ND(5)	2	ND(5)
12								
13								
14								ND(5)
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO	NO	NO	ND(5)	NO	ND(5)	ND(5)	ND(5)
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	ND(5)	DISCHARGE	ND(5)	ND(5)	ND(5)
MONTHLY LOW				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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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	05 / 07 / 01	ENDING	05 / 07 / 31	06		CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	ND(5)						
12							
13							
14			ND(10)	2	ND(10)		
15					2	ND(10)	ND(10)
16							
17							
18							
19							
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21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	ND(5)	**	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	ND(5)		ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW	ND(5)		ND(10)	ND(10)	ND(10)	ND(10)	
TIMES EXCEEDED	MO AVG 15 = 0		NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED	D MAX 20 = 0						
TIMES EXCEEDED	6M-MED 0.26=0						

REMARKS:

- * NUMBER OF SAMPLES TAKEN DURING THE DAY.
- ** TOXICITY SAMPLES COLLECTED AND ANALYZED IN AUGUST.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 #			
3402003001		BEGINNING 05 / 07 / 01		ENDING 05 / 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											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14	ND(10)	2	30	2	ND(10)	17	2	37	2	ND(10)	12
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
MONTHLY AVG	ND(10)	30	ND(10)	ND(10)	17	37	ND(10)	12			
MONTHLY HIGH	ND(10)	44	ND(10)	ND(10)	17	40	ND(10)	12			
MONTHLY LOW	ND(10)	16	ND(10)	ND(10)	17	33	ND(10)	12			
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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81 HIGUERA
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 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 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
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14	ND(10)	2	ND(10)	2	ND(10)	ND(10)		
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28					0.2	2	0.2	2
29								
30								
31								
MONTHLY AVG	ND(10)	ND(10)	ND(10)	ND(10)	0.2	0.2	ND(0.1)	ND(0.1)
MONTHLY HIGH	ND(10)	ND(10)	ND(10)	ND(10)	0.2	0.4	ND(0.1)	ND(0.1)
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(10)	0.2	ND(0.1)	ND(0.1)	ND(0.1)
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

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	05 / 07 / 01	ENDING	05 / 07 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14	26	2	19					
15			2	ND(10)	25			
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28					ND(1)	2	ND(1)	2
29								
30								
31								
MONTHLY AVG	26	19	ND(10)	25	ND(1)	ND(1)	ND(1)	ND(1)
MONTHLY HIGH	26	19	ND(10)	25	ND(1)	ND(1)	ND(1)	ND(1)
MONTHLY LOW	26	19	ND(10)	25	ND(1)	ND(1)	ND(1)	ND(1)
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 07 / 01 YEAR / MO / DAY ENDING 05 / 07 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14	260	2	20	2	ND(10)
15					18
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
MONTHLY AVG	260	20	ND(10)	18	
MONTHLY HIGH	260	22	ND(10)	18	
MONTHLY LOW	260	17	ND(10)	18	
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

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT DATE

Bryan Cunningham 10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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) 8

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06	NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SAMPL 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	
1						
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20						
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22						
23						
24						
25						
26						
27						
28						
29						
30						
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

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

YEAR / MO / DAY
BEGINNING 05 / 07 / 01

YEAR / MO / DAY
ENDING 05 / 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	
1						
2						
3						
4						
5						
6						
7						
8						
9						
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24						
25						
26						
27						
28						
29						
30						
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

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT

DATE

Bryan Cunningham

10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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81 HIGUERA
SAN LUIS OBISPO, CA 93401

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DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 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
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
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20								
21								
22								
23								
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25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								ND(10)
MONTHLY HIGH								ND(10)
MONTHLY LOW								ND(10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	6M-MED 30 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 150 = 0		D MAX 20 = 0		D MAX 40 = 0	
TIMES EXCEEDED			I MAX 400 = 0		I MAX 50 = 0		I MAX 100 = 0	

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

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL TYPE FREQ.	INFLUENT MERCURY ug/l GRAB OCTOBER	EFFLUENT 001 MERCURY ug/l GRAB OCTOBER	INFLUENT SILVER ug/l GRAB OCTOBER	EFFLUENT 001 SILVER ug/l GRAB OCTOBER	INFLUENT CYANIDE ug/l GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/l GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	
1									
2									
3									
4									
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27									
28									
29									
30									
31									
MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
TIMES EXCEEDED	NO LIMIT	6M-MED 0.2=0	NO LIMIT	6M-MED 2.9=0	NO LIMIT	6M-MED 30=0	NO LIMIT	6M-MED 150=0	
TIMES EXCEEDED		DMAX 0.8 = 0		DMAX 13.6=0		DMAX 100=0		DMAX 610= 0	
TIMES EXCEEDED		IMAX 2 = 0		IMAX 35= 0		IMAX 260=0		IMAX 1530=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

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<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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DISCHARGE SELF MONITORING REPORT

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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	05 / 07 / 01	ENDING	05 / 07 / 31	06	CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER
1							
2							
3							
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26							
27							
28							
29							
30							
31							
MONTHLY AVG							
MONTHLY HIGH							
MONTHLY LOW							
TIMES EXCEEDED	NO LIMIT	6M-MED 10=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0	MO AVG 15=0
TIMES EXCEEDED		DMAX 20=0				DMAX 20=0	DMAX 20=0
TIMES EXCEEDED		IMAX 50=0					

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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DIABLO CANYON NUCLEAR POWER PLANT
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AVILA BEACH, CALIF 93424

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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 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
1							
2							
3							
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25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG							
MONTHLY HIGH							
MONTHLY LOW							
TIMES EXCEEDED	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	NO LIMIT	NO LIMIT
TIMES EXCEEDED	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0		
TIMES EXCEEDED							

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

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<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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81 HIGUERA
SAN LUIS OBISPO, CA 93401

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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 07 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL 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									
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26									
27									
28									
29									
30									
31									
MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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. 3402003001	YEAR / MO / DAY BEGINNING 05 / 07 / 01		YEAR / MO / DAY ENDING 05 / 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
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	
TIMES EXCEEDED	10 mg/kg=0	250 mg/kg=0	50 mg/kg=0	50 mg/kg=0	200 mg/kg=0	2 mg/kg=0	2500 mg/kg=0	
TIMES EXCEEDED	TTLC>100=0	TTLC>2500=0	TTLC>500=0	TTLC>1000=0	TTLC>2000=0	TTLC>20=0	TTLC>5000=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

APPENDIX 3
DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

August 2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
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PAGE: (M) 1

FACILITY I.D.
3 402003001

YEAR / MO / DAY
BEGINNING 05 / 08 / 01

YEAR / MO / DAY
ENDING 05 / 08 / 31

STATE CODE
06

NPDES PERMIT #
CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 TEMPERATURE DEGREES F METERED CONTINUOUS	DELTA TEMP TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 FLOW MGD RECORDED DAILY	INFLUENT pH pH UNITS GRAB MONTHLY	EFFLUENT 001 pH pH UNITS GRAB MONTHLY (**)	EFFLUENT 001P pH pH UNITS GRAB MONTHLY	EFFLUENT 002 pH pH UNITS GRAB MONTHLY
1	55.3	75.2	19.9	2486				
2	56.0	75.9	19.9	2486				
3	56.7	76.8	20.1	2486				
4	55.5	75.6	20.1	2486				
5	54.9	74.9	20.0	2486				
6	55.6	75.5	19.9	2486				
7	56.5	76.5	20.0	2486				
8	56.4	76.4	20.0	2486				
9	56.2	76.3	20.1	2486				
10	56.4	76.2	19.8	2486			2	7.7
11	57.1	77.0	19.9	2486				2
12	56.8	76.8	20.0	2486				8.0
13	56.7	76.8	20.1	2486				
14	56.3	76.4	20.1	2486				
15	56.2	76.3	20.1	2486				
16	56.4	76.5	20.1	2486				
17	56.9	76.9	20.0	2486				
18	57.1	77.3	20.2	2486	7.9	7.9		
19	56.6	76.9	20.3	2486				
20	56.2	76.4	20.2	2486				
21	55.2	75.3	20.1	2486				
22	53.3	73.8	20.5	2486				
23	55.2	75.6	20.4	2486				
24	56.0	76.6	20.6	2486				
25	55.5	75.8	20.3	2486				
26	55.1	75.3	20.2	2486				
27	54.3	74.4	20.1	2486				
28	54.0	74.1	20.1	2486				
29	53.5	73.7	20.2	2486				
30	53.4	73.7	20.3	2486				
31	55	75.5	20.2	2486				
MONTHLY AVG	55.7	75.8	20.1	2486	7.9	7.9	7.7	8.0
MONTHLY HIGH	57.1	77.3	20.6	2486	7.9	7.9	7.7	8.0
MONTHLY LOW	53.3	73.7	19.8	2486	7.9	7.9	7.7	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

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT

DATE

Bryan Cunningham

10/19/2005

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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 08 / 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 lb/day RECORDED MONTHLY
0	*	*	*	*	*	*	*	*
1			3	ND(5)			14	677
2							15	677
3							< 10	168
4							26	366
5							26	677
6							.22	677
7							18	677
8							14	677
9						ND(5)	12	677
10	8.0	8.0					< 10	706
11							18	734
12			3	ND(5)			22	734
13							20	734
14							20	734
15							20	725
16							24	706
17			3	ND(5)			24	706
18							29	706
19							42	706
20							31	706
21							32	706
22							38	706
23							42	706
24							26	706
25			3	ND(5)			46	706
26							60	698
27							46	691
28							46	691
29							46	662
30							38	634
31							20	634
MONTHLY AVG	8.0	8.0	ND(5)	NO	NO	ND(5)	27	668
MONTHLY HIGH	8.0	8.0	ND(5)	DISCHARGE	DISCHARGE	ND(5)	60	734
MONTHLY LOW	8.0	8.0	ND(5)			ND(5)	< 10	168
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D.		YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE		NPDES PERMIT #	
3 402003001		BEGINNING 05 / 08 / 01		ENDING 05 / 08 / 31		06		CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFF 001N=>003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=>003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			
0	*	*	*	*	*	*	*	*	*
1									
2				1			ND(5)		
3									
4			2	6	2 < 1	2	6		
5									
6									
7									
8									
9								2	5
10								2 < 1	2
11			2	89		2	89		
12			2	3		2	ND(5)		
13									
14									
15									
16									
17				5			5		
18				1	1		ND(5)		
19				4			ND(5)		
20									
21									
22			2	16	< 1	2	16		
23									
24				6			6		
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO	NO				** <	5		5
MONTHLY HIGH	DISCHARGE	DISCHARGE					92		5
MONTHLY LOW							ND(5)		5
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0				D MAX 100 = 0
TIMES EXCEEDED	1 MAX>10K								

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

PRINCIPAL EXECUTIVE OFFICER

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT

Bryan Cunningham

DATE

10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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. 3402003001		YEAR / MO / DAY BEGINNING 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	EFFLUENT 001H SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET				
0									
1									
2									
3									
4									
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8									
9									
10	1								
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26									
27									
28									
29									
30									
31									
MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY			EFFLUENT 001J SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY					
0	*	*	*	*	*	*	*	*	*
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22									
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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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 08 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ	mg/l 1st FLTR	EFFLUENT 001K SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	EFFLUENT 001L SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET			
0	*	*	*	*	*	*	*	*	*
1									
2									
3									
4									
5									
6									
7									
8									
9									
10				2 <	1	2 <	1	2	ND(5)
11									
12									
13									
14									
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16									
17									
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21									
22									
23									
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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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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STATION ANALYSIS UNITS SAMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY			EFFLUENT 001N SUSPENDED SLDS mg/l COMPOSITE WEEKLY		EFFLUENT 001P SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY			
0									
1					ND(5)				
2									
3									
4									
5									
6									
7									
8									
9									
10						8	1	7	
11									
12					9				
13									
14									
15									
16									
17					110				
18									
19									
20									
21									
22									
23									
24									
25					6				
26									
27									
28									
29									
30									
31									
MONTHLY AVG				NO	31				7
MONTHLY HIGH				DISCHARGE	110				7
MONTHLY LOW					ND(5)				7
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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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								
0	*	*	*	*	*	*	*	*				
1												
2												
3												
4												
5												
6												
7												
8												
9												
10	2	3	2	1	2	ND(5)	2	7	2	2	5	
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MONTHLY AVG						ND(5)						5
MONTHLY HIGH						ND(5)						5
MONTHLY LOW						ND(5)						5
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	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
DAVID H. OATLEY

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/l GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/l GRAB MONTHLY	EFFLUENT 001 COPPER ug/l GRAB MONTHLY	EFFLUENT 001 NICKEL ug/l GRAB MONTHLY	EFFLUENT 001 ZINC ug/l GRAB MONTHLY	
0									
1				ND(0.1)					
2									
3									
4									
5									
6									
7									
8									
9									
10									
11					ND(10)	ND(10)	ND(10)	ND(10)	
12				ND(0.1)					
13									
14									
15									
16									
17				ND(0.1)					
18									
19									
20									
21									
22									
23									
24									
25				ND(0.1)					
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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SAN LUIS OBISPO, CA 93401

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PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 08 / 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
0								
1								
2								
3								
4								
5						ND(5)		
6								
7								
8								
9								
10								
11	ND(10)	ND(10)	ND(10)					
12						ND(5)		
13								
14								
15								
16								
17						ND(5)		
18				ND(200)	ND(200)			
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	ND(5)		
MONTHLY HIGH	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	ND(5)		
MONTHLY LOW	ND(10)	ND(10)	ND(10)	ND(200)	ND(200)	ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED					I MAX 30600 = 0			

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001J 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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28								
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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	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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 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			
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29									
30									
31									
MONTHLY AVG	0.00								
MONTHLY HIGH	0.00								
MONTHLY LOW	0.00								
TIMES EXCEEDED	MO AVG 15 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT				
TIMES EXCEEDED	D MAX 20 = 0								
TIMES EXCEEDED	6M-MED 0.26=0								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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3402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751		
STATION ANALYSIS UNITS SAMPL 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
0	*	*	*	*	*	*	*	*
1								
2								
3								
4								
5								
6								
7								
8								
9								
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26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT
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MONTHLY AVG					ND(0.1)			
MONTHLY HIGH					ND(0.1)			
MONTHLY LOW					ND(0.1)			
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 #		
3402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751		
STATION ANALYSIS UNITS SAMPL 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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31								
MONTHLY AVG					ND(1)			
MONTHLY HIGH					ND(1)			
MONTHLY LOW					ND(1)			
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 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		
0						
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MONTHLY AVG						
MONTHLY HIGH						
MONTHLY LOW						
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT		
TIMES EXCEEDED						
TIMES EXCEEDED						

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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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. 3402003001
YEAR / MO / DAY BEGINNING 05 / 08 / 01
YEAR / MO / DAY ENDING 05 / 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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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

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT

Bryan Cunningham

DATE

10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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SAN LUIS OBISPO, CA 93401

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG	
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MONTHLY AVG 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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
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CALIFORNIA REGIONAL WATER QUALITY
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31 HIGUERA
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751		
STATION ANALYSIS UNITS SAMPL 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
0								
1								
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11								23
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31								
MONTHLY AVG								23
MONTHLY HIGH								23
MONTHLY LOW								23
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/l GRAB OCTOBER	EFFLUENT 001 MERCURY ug/l GRAB OCTOBER	INFLUENT SILVER ug/l GRAB OCTOBER	EFFLUENT 001 SILVER ug/l GRAB OCTOBER	INFLUENT CYANIDE ug/l GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/l GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER
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MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	6M-MED 0.2=0	NO LIMIT	6M-MED 2.9=0	NO LIMIT	6M-MED 30=0	NO LIMIT	6M-MED 150=0
TIMES EXCEEDED		DMAX 0.8 = 0		DMAX 13.6=0		DMAX 100=0		DMAX 610= 0
TIMES EXCEEDED		IMAX 2 = 0		IMAX 35= 0		IMAX 260=0		IMAX 1530=0

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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31 HIGUERA
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 05 / 08 / 01		YEAR / MO / DAY ENDING 05 / 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		
0									
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31									
MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
TIMES EXCEEDED	NO LIMIT	6M-MED 10=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0	MO AVG 15=0		
TIMES EXCEEDED		DMAX 20=0				DMAX 20=0	DMAX 20=0		
TIMES EXCEEDED		IMAX 50=0							

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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81 HIGUERA
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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	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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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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

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FACILITY I.D. 3402003001 YEAR/MO/DAY BEGINNING 05 / 08 / 01 YEAR/MO/DAY ENDING 05 / 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
0								
1								
2								
3								
4								
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31								
MONTHLY AVG MONTHLY HIGH MONTHLY LOW								
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
10/19/2005

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CONTROL BOARD
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SAN LUIS OBISPO, CA 93401

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3402003001	BEGINNING	05 / 08 / 01	ENDING	05 / 08 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER
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7								
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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	TTL<100=0	TTL<2500=0	TTL<500=0	TTL<1000=0	TTL<2000=0	TTL<20=0	TTL<5000=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

APPENDIX 4

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

September 2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
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FACILITY I.D. 3402003001 YEAR / MO / DAY BEGINNING 05 / 09 / 01 YEAR / MO / DAY ENDING 05 / 09 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SAMPL 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	56.5	76.9	20.4	2486				
2	56.1	76.6	20.5	2486			2 7.7	2 7.9
3	55.7	76.3	20.6	2486				
4	55.4	75.8	20.4	2486				
5	54.7	75.2	20.5	2486				
6	55.3	75.6	20.3	2486				
7	54.6	75.1	20.5	2486				
8	54.6	75.0	20.4	2486				
9	56.3	77.1	20.8	2486				
10	55.7	75.0	19.3	2486				
11	55.5	75.8	20.3	2486				
12	54.7	75.1	20.4	2486				
13	53.9	74.1	20.2	1914				
14	53.7	74.2	20.5	1862				
15	53.6	71.9	18.3	1862				
16	53.8	61.7	7.9	1862				
17	52.5	67.4	14.9	1862				
18	52.2	71.0	18.8	2330				
19	53.9	73.8	19.9	2486				
20	54.4	74.5	20.1	2486				
21	53.6	74.1	20.5	2486				
22	53.7	74.2	20.5	2486	7.9	7.9		
23	53.2	73.4	20.2	2486				
24	53.0	73.3	20.3	2486				
25	54.2	74.7	20.5	2486				
26	53.0	73.0	20.0	2486				
27	53.4	73.8	20.4	2486				
28	52.5	72.7	20.2	2486				
29	52.9	72.9	20.0	2486				
30	52.9	73.1	20.2	2486				
31								
MONTHLY AVG	54.2	73.8	19.6	2379	7.9	7.9	7.7	7.9
MONTHLY HIGH	56.5	77.1	20.8	2486	7.9	7.9	7.7	7.9
MONTHLY LOW	52.2	61.7	7.9	1862	7.9	7.9	7.7	7.9
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MAX 22 = 0	MAX 2760 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED			(")					
TIMES EXCEEDED								

REMARKS:

* NUMBER OF SAMPLES TAKEN DURING THE DAY.

** EXCEPT DURING DEMUSSELING.

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

PRINCIPAL EXECUTIVE OFFICER

DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT

Bryan Cunningham

DATE

10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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	05 / 09 / 01	ENDING	05 / 09 / 30	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	8.0	8.0	3	ND(5)			32	634
2						ND(5)	38	634
3							42	634
4							35	634
5							38	634
6							38	648
7							46	662
8							50	662
9			3	ND(5)			35	662
10							38	662
11							46	662
12							42	576
13							61	490
14			3	ND(5)			56	475
15							17	461
16							19	461
17							14	461
18							32	514
19							26	619
20							20	619
21			3	ND(5)			20	619
22							31	619
23							42	619
24							42	619
25							38	619
26							35	590
27			3	ND(5)			29	562
28							31	547
29							35	533
30							46	518
31								
MONTHLY AVG	8.0	8.0	ND(5)	NO	NO	ND(5)	36	588
MONTHLY HIGH	8.0	8.0	ND(5)	DISCHARGE	DISCHARGE	ND(5)	61	662
MONTHLY LOW	8.0	8.0	ND(5)			ND(5)	< 10	461
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 #	
3402003001		BEGINNING 05 / 09 / 01		ENDING 05 / 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 GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			
			mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	
1									
2			2	6	2	6	2	4	
3									
4									
5									
6				1		ND(5)			
7									
8			3	< 5	3	< 5			
9									
10									
11									
12									
13									
14				2		ND(5)			
15									
16									
17				4		ND(5)			
18				1		ND(5)			
19									
20									
21			3	5	3	5			
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	NO DISCHARGE	NO DISCHARGE			< 5			ND(5)	
MONTHLY HIGH					67			ND(5)	
MONTHLY LOW					ND(5)			ND(5)	
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0			D MAX 100 = 0	
TIMES EXCEEDED	1 MAX>10K								

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

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
Bryan Cunningham	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 09 / 01
YEAR / MO / DAY ENDING 05 / 09 / 30
STATE CODE 06
NPDES PERMIT # CA0003751

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 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 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									
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY			EFFLUENT 001L SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY					
1				2	<	1	2	ND(5)	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG				NO			ND(5)		
MONTHLY HIGH				DISCHARGE			ND(5)		
MONTHLY LOW							ND(5)		
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0			
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0			
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.


PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL COAST REGION 81 HIGUERA 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 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SAMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS		EFFLUENT 001P SUSPENDED SOLIDS		
	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l COMPOSITE WEEKLY	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	
1					6			
2						2	1	ND(5)
3								
4								
5								
6								
7								
8								
9					12			
10								
11								
12								
13								
14	10	< 1	10		12			
15								
16								
17								
18								
19								
20								
21					12			
22								
23								
24								
25								
26								
27					8			
28								
29								
30								
31								
MONTHLY AVG			10		10			ND(5)
MONTHLY HIGH			10		12			ND(5)
MONTHLY LOW			10		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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 09 / 01 YEAR / MO / DAY ENDING 05 / 09 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS			EFFLUENT 003 SUSPENDED SOLIDS			
	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	
		GRAB			GRAB		
		MONTHLY			MONTHLY		
1	2	2	2	1	2	ND(5)	2
2							13
3							2
4							2
5							11
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)			11
MONTHLY HIGH				ND(5)			11
MONTHLY LOW				ND(5)			11
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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 #		
3402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	CA0003751				
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/l GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/l GRAB MONTHLY	EFFLUENT 001 COPPER ug/l GRAB MONTHLY	EFFLUENT 001 NICKEL ug/l GRAB MONTHLY	EFFLUENT 001 ZINC ug/l GRAB MONTHLY		
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
MONTHLY AVG	NO			ND(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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
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 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 09 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17						ND(5)			
18									
19									
20									
21									
22	ND(10)	ND(10)	ND(10)						
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	ND(10)	ND(10)			ND(5)			
MONTHLY HIGH	ND(10)	ND(10)	ND(10)			ND(5)			
MONTHLY LOW	ND(10)	ND(10)	ND(10)			ND(5)			
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	
TIMES EXCEEDED					I MAX 30600 = 0				

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

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
91 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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

PAGE: (Q) 2

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG						ND(5)		
MONTHLY HIGH						ND(5)		
MONTHLY LOW						ND(5)		
TIMES EXCEEDED	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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

PAGE: (Q) 3

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 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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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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

PAGE: (Q) 4

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	CA0003751		
STATION ANALYSIS UNITS SAMPL 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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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

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<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 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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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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
31 HIGUERA
SAN LUIS OBISPO CA 93401

DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 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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TIMES EXCEEDED								
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REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
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<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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SAN LUIS OBISPO, CA 93401

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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3402003001 YEAR / MO / DAY BEGINNING 05 / 09 / 01 YEAR / MO / DAY ENDING 05 / 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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MONTHLY AVG MONTHLY HIGH MONTHLY LOW					
TIMES EXCEEDED TIMES EXCEEDED TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
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SAN LUIS OBISPO, CA 93401

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	CAD003751
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	
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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
DAVID H. OATLEY

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<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
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81 HIGUERA
SAN LUIS OBISPO, CA 93401

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FACILITY I.D. 3 402003001
YEAR / MO / DAY BEGINNING 05 / 09 / 01
YEAR / MO / DAY ENDING 05 / 09 / 30
STATE CODE 06
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SAMPL 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 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

DAVID H. OATLEY

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Bryan Cunningham
DATE
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CALIFORNIA REGIONAL WATER QUALITY
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81 HIGUERA
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 #		
3402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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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
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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81 HIGUERA
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 05 / 09 / 01 YEAR / MO / DAY ENDING 05 / 09 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT MERCURY ug/l GRAB OCTOBER	EFFLUENT 001 MERCURY ug/l GRAB OCTOBER	INFLUENT SILVER ug/l GRAB OCTOBER	EFFLUENT 001 SILVER ug/l GRAB OCTOBER	INFLUENT CYANIDE ug/l GRAB OCTOBER	EFFLUENT 001 CYANIDE ug/l GRAB OCTOBER	INFLUENT PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER	EFFLUENT 001 PHENOLIC CMP ug/l (NONCL) GRAB OCTOBER
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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

DAVID H. DATLEY

SIGNATURE OF AUTHORIZED AGENT DATE

Bryan Cunningham 10/19/2005

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

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	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	NO LIMIT	6M-MED 10=0	NO LIMIT	NO LIMIT	NO LIMIT	MO AVG 15=0	MO AVG 15=0
TIMES EXCEEDED		DMAX 20=0				DMAX 20=0	DMAX 20=0
TIMES EXCEEDED		1MAX 50=0					

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

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81 HIGUERA
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DISCHARGE SELF MONITORING REPORT

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DIABLO CANYON NUCLEAR POWER PLANT
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PAGE: (A) 4

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	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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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.

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CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 05 / 09 / 01		YEAR / MO / DAY ENDING 05 / 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	
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TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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PAGE: (A) 6

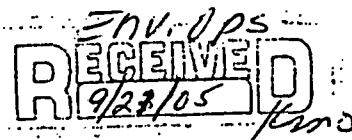
FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	05 / 09 / 01	ENDING	05 / 09 / 30	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE CADMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE COPPER mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE CHROMIUM mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE LEAD mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NICKEL mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE MERCURY mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE ZINC mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE VOLUME tons OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	10xSTLC=0	
TIMES EXCEEDED	10 mg/kg=0	250 mg/kg=0	50 mg/kg=0	50 mg/kg=0	200 mg/kg=0	2 mg/kg=0	2500 mg/kg=0	
TIMES EXCEEDED	TTL<100=0	TTL<2500=0	TTL<500=0	TTL<1000=0	TTL<2000=0	TTL<20=0	TTL<5000=0	

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
DAVID H. OATLEY

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Bryan Cunningham</i>	10/19/2005

APPENDIX 5
DIABLO CANYON POWER PLANT
Acute Bioassay
August 17 - 21, 2005



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

September 7, 2005

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

Dear Ms. Ziegler:

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

CLIENT:	PG&E Diablo Canyon
SAMPLE I.D.:	PG&E Diablo Canyon - Discharge 001 SP508490
DATE RECEIVED:	17 Aug - 05
ABC LAB. NO.:	FGL0805.252

ACUTE ABALONE SURVIVAL BIOASSAY

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

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

-96 Hr Survival

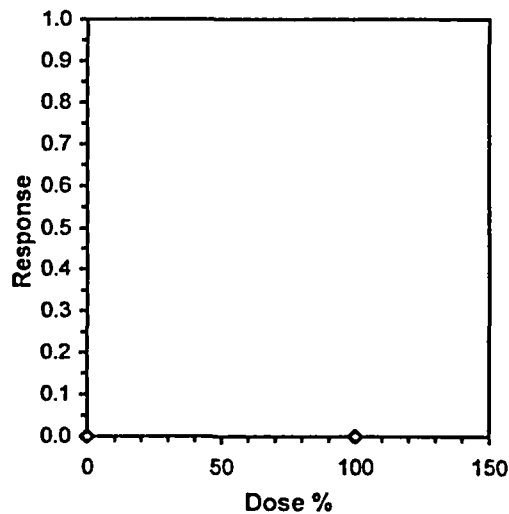
Start Date: 8/17/2005	Test ID: FGL0805252	Sample ID: CA0000000
End Date: 8/21/2005	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 8/16/2005	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: Discharge 001 SP508490		

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				

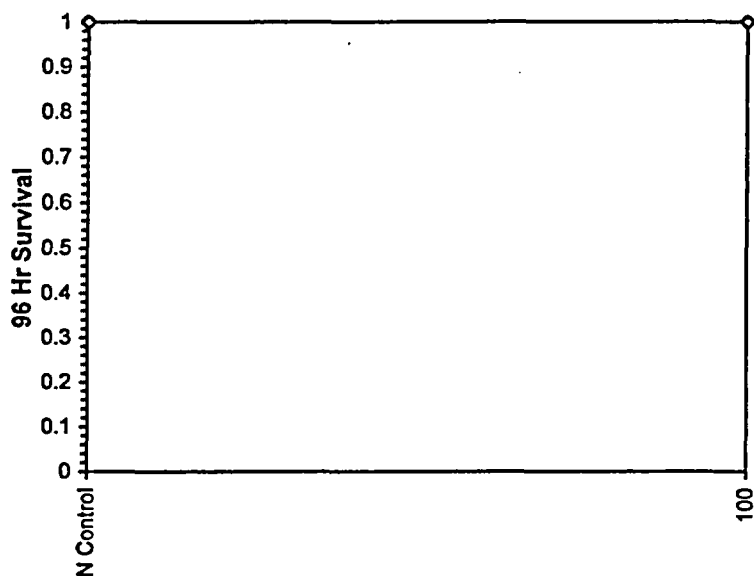
Point	%	SD	Linear Interpolation (200 Resamples)	
			95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



-96 Hr Survival

Start Date:	8/17/2005	Test ID:	FGL0805252	Sample ID:	CA0000000
End Date:	8/21/2005	Lab ID:	CAABC	Sample Type:	EFF3-Power Plant
Sample Date:	8/16/2005	Protocol:	KOP 76-Kopperdahl	Test Species:	HR-Haliotis rufescens
Comments:	Discharge 001 SP508490				

Dose-Response Plot



-96 Hr Survival

Start Date: 8/17/2005	Test ID: FGL0805252	Sample ID: CA0000000
End Date: 8/21/2005	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 8/16/2005	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: Discharge 001 SP508490		

Auxiliary Data Summary							
Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	13.90	13.70	14.30	0.23	3.46	10
100		14.02	13.70	14.50	0.31	3.96	10
N Control	pH	7.80	7.80	7.80	0.00	0.00	10
100		7.83	7.80	7.90	0.05	2.81	10
N Control	DO mg/L	7.67	7.60	7.80	0.07	3.39	10
100		7.63	7.40	7.80	0.13	4.79	10
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	10
100		34.00	34.00	34.00	0.00	0.00	10
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0
N Control		0.00	0.00	0.00	0.00		0
100		0.00	0.00	0.00	0.00		0



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: 500490

Contact Person: _____

REPORT INFORMATION:

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

Electronic Data Transfer: YES / NO

If yes, To: State _____ Client _____ Other _____

REMARKS:

SAMPLING:

Sampler(s)

Jim Smith

Sample Number	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite (C) Grab (G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metals Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	Preservative: (1) NaOH + ZnAc (2) NaOH (3) HCl (4) H2SO4 (5) HNO3 (6) Na2S2O3 (7) Other _____	ANALYSIS REQUESTED	Acute Toxicity (Invertebrate Abalone)	Chronic Toxicity (Larval Red Abalone)						
01	DCPP 001 Discharge	8-17-05	0845	G	1	P	NP	WW	-	-		X							
02	" "	↓	0845	↓	↓	P	NP	WW	-	-			X						

CUSTODY:

Relinquished by: [Signature]

Date: 8/17/05

Time: _____

Relinquished by: _____

Date: _____

Time: _____

Received by: [Signature]

Date: 8/17/05

Time: 1600

Received by: _____

Date: _____

Time: _____

APPENDIX 6

DIABLO CANYON POWER PLANT

Chronic Bioassay

August 18 - 20, 2005



Env. ops
RECEIVED
9/21/05

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

September 7, 2005

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

Dear Ms. Ziegler:

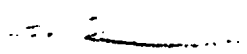
We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, EPA-R-95/136. Results were as follows:

CLIENT:	PGE Diablo Canyon
SAMPLE I.D.:	PGE Diablo Canyon - Discharge 001 SP508490
DATE RECEIVED:	17 Aug - 05
ABC LAB. NO.:	FGL0805.252

CHRONIC ABALONE LARVAL DEVELOPMENT BIOASSAY

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

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

Abalone Larval Development Test-Proportion Normal

Start Date: 8/18/2005	Test ID: FGL0805252	Sample ID: CA0000000
End Date: 8/20/2005	Lab ID: CAABC	Sample Type: EFF1-POTW
Sample Date: 8/17/2005	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: DCPD 001 Discharge SP 508490		

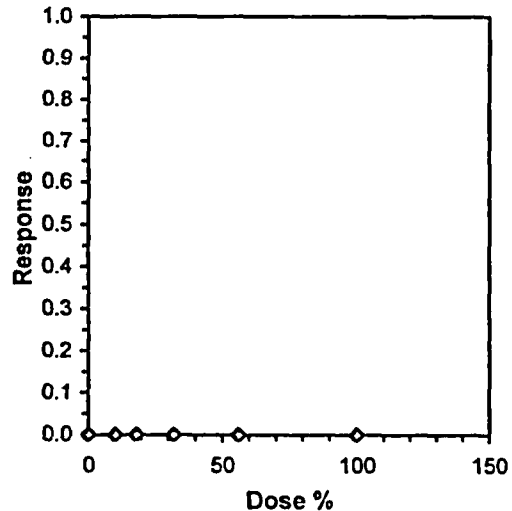
Conc-%	1	2	3	4	5
N Control	1.0000	1.0000	1.0000	1.0000	1.0000
10	1.0000	1.0000	1.0000	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
32	1.0000	1.0000	1.0000	1.0000	1.0000
56	1.0000	1.0000	1.0000	1.0000	1.0000
100	1.0000	1.0000	1.0000	1.0000	1.0000

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

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

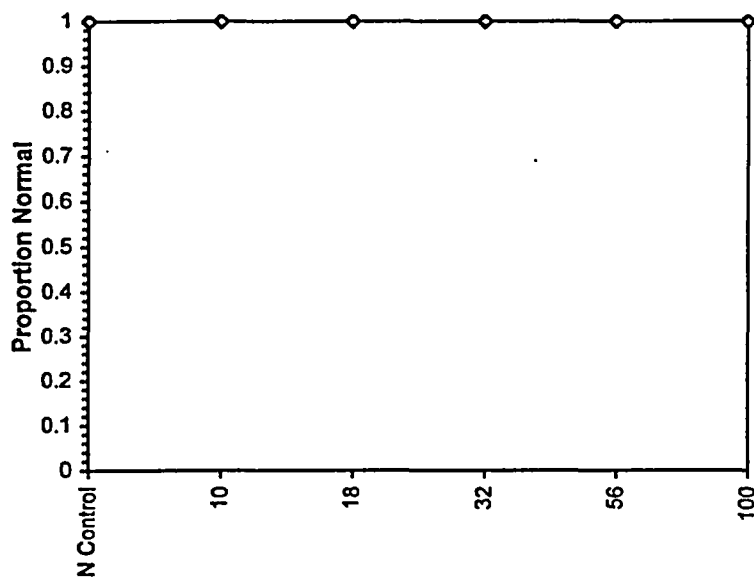
Linear Interpolation (200 Resamples)				
Point	%	SD	95% CL(Exp)	Skew

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



Abalone Larval Development Test-Proportion Normal

Start Date:	8/18/2005	Test ID:	FGL0805252	Sample ID:	CA0000000
End Date:	8/20/2005	Lab ID:	CAABC	Sample Type:	EFF1-POTW
Sample Date:	8/17/2005	Protocol:	MBP 90-Anderson et al.	Test Species:	HR-Haliotis rufescens
Comments:	DCPP 001 Discharge SP 508490				

Dose-Response Plot

Abalone Larval Development Test-Proportion Normal

Start Date: 8/18/2005	Test ID: FGL0805252	Sample ID: CA0000000
End Date: 8/20/2005	Lab ID: CAABC	Sample Type: EFF1-POTW
Sample Date: 8/17/2005	Protocol: MBP 90-Anderson et al.	Test Species: HR-Haliotis rufescens
Comments: DCPD 001 Discharge SP 508490		

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.45	15.30	15.60	0.21	2.98	2
10		15.30	15.30	15.30	0.00	0.00	2
18		15.45	15.30	15.60	0.21	2.98	2
32		15.45	15.30	15.60	0.21	2.98	2
56		15.45	15.30	15.60	0.21	2.98	2
100		15.45	15.30	15.60	0.21	2.98	2
N Control	pH	8.05	8.00	8.10	0.07	3.30	2
10		8.05	8.00	8.10	0.07	3.30	2
18		8.05	8.00	8.10	0.07	3.30	2
32		8.05	8.00	8.10	0.07	3.30	2
56		8.05	8.00	8.10	0.07	3.30	2
100		8.05	8.00	8.10	0.07	3.30	2
N Control	DO	6.40	5.60	7.20	1.13	16.62	2
10		6.40	5.80	7.00	0.85	14.39	2
18		6.40	5.80	7.00	0.85	14.39	2
32		6.35	5.80	6.90	0.78	13.89	2
56		6.35	5.80	6.90	0.78	13.89	2
100		6.20	5.60	6.80	0.85	14.86	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



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: 500490

Contact Person: _____

REPORT INFORMATION:

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

Electronic Data Transfer: YES / NO

If yes, To: State _____ Client _____ Other _____

REMARKS:

SAMPLING:

Sampler(s) Jim Smith

Sample Number	Location/Description	Date Sampled	Time Sampled	Type of Sampling: Composite(C) Grab(G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metals Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (WW) Waste Water (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	Preservative: (1) NaOH + ZnAc (2) NaOH (3) HCl (4) H2SO4 (5) HNO3 (6) Na2S2O3 (7) Other _____	ANALYSIS REQUESTED	Acute Toxicity (Invisible Red Analogue)	Chronic Toxicity (Survival Red Analogue)						
01	DCPP 001 Discharge	8-17-05	0845	G	1	P	NP	WW	-	-		X							
02	" "	↓	0845	↓	↓	P	NP	WW	-	-			X						

CUSTODY:

Relinquished by: [Signature]

Date: 8/17/05 Time: _____

Relinquished by: _____

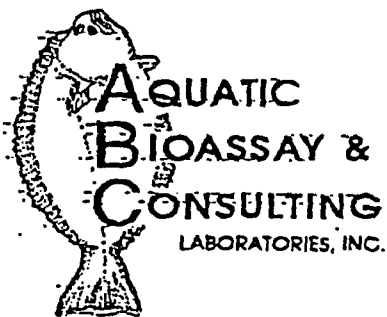
Date: _____ Time: _____

Received by: [Signature]

Date: 8/17/05 Time: 1600

Received by: _____

Date: _____ Time: _____



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE: 18 Aug - 05


STANDARD TOXICANT: Zinc

NOEC = 32.00 ug/l

IC25 = 38.27 ug/l

IC50 = 44.53 ug/l

Yours very truly,


Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Abalone Larval Development Test-Proportion-Normal

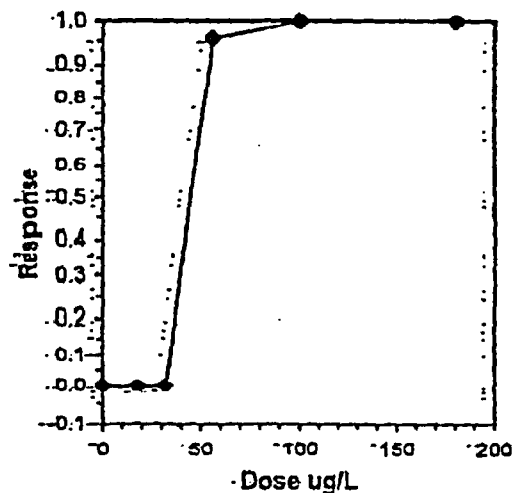
Start Date: 8/18/2005 Test ID: ABS45.2005 Sample ID: REF-Réf Toxicant
 End Date: 8/20/2005 Lab ID: ABC LABS Sample Type: ZNSO-Zinc sulfate
 Sample Date: 8/18/2005 Protocol: EPA/600/R-95,135,1995 Test Species: HR-Haliotis rufescens
 Comments: Standard Toxicant

Conc-ug/L	1	2	3	4	5
Control	1.0000	1.0000	0.9200	1.0000	1.0000
18	1.0000	1.0000	1.0000	1.0000	1.0000
32	1.0000	1.0000	1.0000	1.0000	1.0000
56	0.0000	0.0000	0.0500	0.0000	0.1600
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	1-Tailed	Isotonic
			Mean Min Max CV% N	Sum	Critical	Mean N-Mean
Control	0.9840	1.0000	1.4734 1.2840 1.5208 7.185 5			0.9947 1.0000
18	1.0000	1.0163	1.5208 1.5208 1.5208 0.000 5	30.00	17.00	0.9947 1.0000
32	1.0000	1.0163	1.5208 1.5208 1.5208 0.000 5	30.00	17.00	0.9947 1.0000
56	0.0420	0.0427	0.1574 0.0500 0.4115 102.335 5	15.00	17.00	0.0420 0.0422
100	0.0000	0.0000	0.0500 0.0500 0.0500 0.000 5			0.0000 0.0000
180	0.0000	0.0000	0.0500 0.0500 0.0500 0.000 5			0.0000 0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution ($p \leq 0.01$)	0.8362	0.868	0.56093	3.42005
Equality of variance cannot be confirmed				
Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	32	56	42.332	
Treatments vs Control				

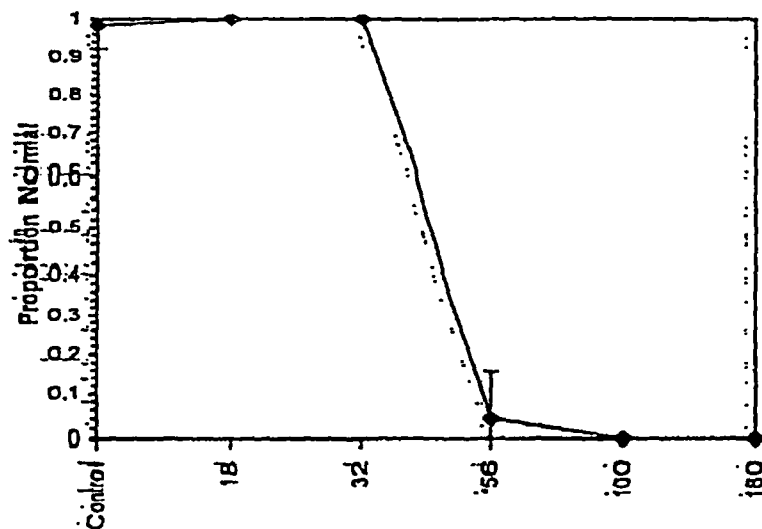
Point	ug/L	SD	95% CL(Exp)	Skew
IC05	33.253	0.040	33.174 33.369	0.8794
IC10	34.508	0.079	34.347 34.737	0.6794
IC15	35.759	0.119	35.521 36.106	0.6784
IC20	37.012	0.159	36.694 37.474	0.6784
IC25	38.265	0.199	37.868 38.843	0.6794
IC40	42.023	0.318	41.388 42.949	0.6794
IC50	44.529	0.397	43.735 45.686	0.6794



Abalone Larval Development Test-Proportion Normal

Start Date: 8/18/2005	Test ID: ABS452005	Sample ID: REF-Ref. Toxicant
End Date: 8/20/2005	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 8/18/2005	Protocol: EPA/600/R-95, 136, 1995	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

Dose-Response Plot



Abalone Larval Development Test-Proportion Normal

Start Date: 8/18/2005	Test ID: ABS45.2005	Sample ID: REF-Ref Toxicant
End Date: 8/20/2005	Lab ID: ABC LABS	Sample Type: ZNSO-Zinc sulfate
Sample Date: 8/18/2005	Protocol: EPA/600/R-95, 136,1995	Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant		

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
Control	Temp C	15.45	15.30	15.60	0.21	2.98	2
18		15.45	15.30	15.60	0.21	2.98	2
32		15.45	15.30	15.60	0.21	2.98	2
56		15.45	15.30	15.60	0.21	2.98	2
100		15.45	15.30	15.60	0.21	2.98	2
180		15.45	15.30	15.60	0.21	2.98	2
Control	pH	8.05	8.00	8.10	0.07	3.30	2
18		8.05	8.00	8.10	0.07	3.30	2
32		8.05	8.00	8.10	0.07	3.30	2
56		8.05	8.00	8.10	0.07	3.30	2
100		8.05	8.00	8.10	0.07	3.30	2
180		8.05	8.00	8.10	0.07	3.30	2
Control	DO mg/L	6.40	5.60	7.20	1.13	16.62	2
18		6.40	5.60	7.20	1.13	16.62	2
32		6.50	5.80	7.20	0.99	15.31	2
56		6.45	5.80	7.10	0.92	14.86	2
100		6.45	5.80	7.10	0.92	14.86	2
180		6.45	5.80	7.10	0.92	14.86	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

APPENDIX 7

DIABLO CANYON POWER PLANT

**Corrected DSMR Form For
001D Total Suspended Solids
June 2005**

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 HIGUERA
SAN LUIS OBISPO, CA 93401

DISCHARGE SELF MONITORING REPORT

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

PAGE: (M) 3

FACILITY I.D. 3402003001		YEAR / MO / DAY BEGINNING 05 / 06 / 01		YEAR / MO / DAY ENDING 05 / 06 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFF 001N=003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001F SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			
			mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	mg/1 1st FLTR	mg/1 2nd FLTR	mg/1 NET	
1			2		ND(5)	2	7	2	
2									
3			25	2	3	2			
4									
5									
6									
7									
8									
9									
10									
11									
12									
13			12	2		2			
14									
15			5	3	**	5			
16									
17									
18									
19									
20									
21			4			ND(5)			
22			8	2	**	8			
23			30	2	2	28			
24									
25									
26									
27									
28			< 1			ND(5)			
29									
30									
31									
MONTHLY AVG	NO	NO			** 5			7	
MONTHLY HIGH	DISCHARGE	DISCHARGE			30			7	
MONTHLY LOW					ND(5)			7	
TIMES EXCEEDED	80% SMPLS>1K	MEAN<200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED		90% SMPLS>400			D MAX 100 = 0			D MAX 100 = 0	
TIMES EXCEEDED	1 MAX >10K								

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

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Bryan Cunningham
DATE
7/15/2005