



**Pacific Gas and
Electric Company**

David H. Oatley
Vice President—Diablo Canyon
Operations and Plant Manager

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

805.545.6000

January 19, 2001

PG&E Letter DCL-2001-504

Mr. Roger W. Briggs, Executive Officer
California Regional Water Quality Control Board
Central Coast Region
81 Higuera Street, Suite 200
San Luis Obispo, CA 93401-5414

50-275
323

Dear Mr. Briggs:

Discharge Monitoring and Reporting Program
Diablo Canyon Power Plant -- NPDES No. CA0003751

In accordance with Order 90-09, NPDES No. CA0003751, enclosed is the Fourth Quarter 2000 Report on Discharge Monitoring at Diablo Canyon Power Plant (Enclosure 1).

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 Drew Squyres at (805) 545 - 4439.

Sincerely,

David H. Oatley

2001504/jlk/KMO

JE25

PG&E Letter DCL-2001-504
Mr. Roger W. Briggs
January 19, 2001
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cc: Michael Thomas, CCRWQCB
81 Higuera Street, Suite 200
San Luis Obispo, CA 93401

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

Regional Administrator, Region 9
U. S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
Attention: Carey Houk (W-5-3)

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

Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Dr., Suite 400
Arlington, TX 76011-8064

Director, Division of Reactor Projects
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Dr., Suite 400
Arlington, TX 76011-8064

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

Enclosure

ENCLOSURE 1

FOURTH QUARTER 2000

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

PACIFIC GAS AND ELECTRIC COMPANY
NUCLEAR POWER GENERATION

Fourth Quarter 2000

REPORT ON
DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

(NPDES No. CA0003751)

PACIFIC GAS AND ELECTRIC COMPANY

Fourth Quarter 2000

REPORT ON DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT

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OVERVIEW

- A. During the fourth quarter of 2000, discharges occurred from Discharge Paths 001 (once through cooling water), 001B, 001D, 001E, 001F, 001G, 001H, 001J, 001L, 001M, 001N, 001P, and 002, 003, 004 and 005 through 016. No discharges occurred from Discharge Paths 001I, 001K, and 017. A list of all of the permit discharge pathways, including name and number, is provided in **Appendix 1**.
- B. The substances listed in Table B of the 1990 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.
- C. Discharge 001 annual sampling for 2000, normally performed in October and reported in the fourth quarter report, was combined with permit renewal amended application sampling. The results for annual sample parameters from this combined sampling are reported in the July DSMR. Since this sampling event satisfies all of the necessary annual sampling for Discharge 001, the July reported results will be used in lieu of additional sampling in October.
- D. During the Unit 1 refueling outage, steam generator chemical metal cleaning was performed. After chemical cleaning was complete all cleaning solutions and rinses were treated and then collected in tanks. The tanks were recirculated and grab samples were collected to confirm compliance with NPDES permit limitations prior to batch discharging as a part of flowpath OO1F.
- E. During the fourth quarter of 2000, four routine maintenance activities (summarized below) were performed that required complete or partial draining of closed cooling water systems. PG&E received concurrence from the CCRWQCB in a letter dated July 19, 1995 (PG&E Letter DCL-95-156) regarding the use of glutaraldehyde and isothiazoline to control microbiological growth and corrosion in PG&E's closed cooling water systems. The 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 (gal)	Glutaraldehyde (mg/l)	Isothiazoline (mg/l)
10/17/00	Unit 1 CCW	12,800	80	0
12/05/00	Unit 1 & 2 SCW	10	46	0
12/14/00	Unit 2 ICW	6500	15	0
12/19/00	Unit 2 CCW	260	<10	0

- E. PG&E injected sulfur hexafluoride (SF6) into DCP's condensers to detect saltwater leaks on one occasion during this quarter. CCRWQCB's Sorrel Marks concurred during conversations held in May 1996 that periodic use of SF6 would not increase DCP's probability of exceeding NPDES permit limitations.

Date	Number of Injections	Duration (sec)	Injection Rate of SF6 (Standard Cubic Feet per Minute)
12/02/2000	4	30	10

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. The results of the October, November, and December 2000 plant influent and effluent monitoring are reported on Discharge Self Monitoring Report (DSMR) forms in **Appendices 2, 3, and 4**, respectively. Additional laboratory results are included behind the DSMR forms to ensure that all analytical data are reported. The additional data are used to develop the "daily average" values reported on the DSMR forms when more than one analysis was performed in a given day (e.g., for Total Residual Chlorine (TRC), an average value is reported on the DSMR form).
2. Results from one acute bioassay on water sampled from Discharge 001, performed November 2-6, 2000, are included in **Appendix 5**. The acute toxicity test results show that toxicity was 0.0 (no mortality).
3. Results from one chronic bioassay on water sampled from Discharge 001, performed November 2-4, 2000, are included in **Appendix 6**. Test results show that chronic toxicity was 1.0 (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 fourth quarter continued under the Diablo Canyon Receiving Water Monitoring Program (RWMP) as requested in a letter from the Central Coast Regional Water Quality Control Board (CCRWQCB) dated December 9, 1998 and as detailed in a letter (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. This program replaces the EMP and the Thermal Effects Monitoring Program (TEMP).

A report of 1999 RWMP data was submitted to the CCRWQCB on September 29, 2000.

2. Shell debris deposition and foam studies were completed and reported as part of the revised RWMP described above.
3. **In Situ Bioassay**

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

C. Acti-Brom Treatment Program

Diablo Canyon Power Plant is continuing its use of the proprietary chemical Acti-Brom to control the growth of macrofouling organisms in its main circulating water conduits. Both circulating water conduits of each Unit can be chemically treated simultaneously. Each treated conduit typically received a twenty minute injection every four hours (six injections a day) of Acti-Brom in combination with sodium hypochlorite (NaOCl). Each injection attempts to achieve a nominal concentration of 200 parts per billion Total Residual Oxidant (TRO) when measured at the inlet waterbox of the condenser. Discharge TRO, measured at the plant outfall, remained below NPDES limitations.

There were no chemical injections into Unit 1 conduits during the Unit 1 1R10 refueling outage at the beginning of the fourth quarter. Six times daily injections of hypochlorite and Acti-Brom were restarted in the first half of November and remained on throughout the rest of the fourth quarter with a brief interruption during storm waves in late December.

Simultaneous hypochlorite and Acti-Brom treatment of Unit 2 conduits continued six times daily through the fourth quarter with brief interruptions during electrical repair work in October, a condenser cleaning in late October, a tunnel cleaning in early December, and storm waves in late December.

APPENDIX 1

DIABLO CANYON POWER PLANT

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

APPENDIX 2
DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

October 2000

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.
3 402003001

YEAR / MO / DAY
BEGINNING 00 / 10 / 01

YEAR / MO / DAY
ENDING 00 / 10 / 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	58.4	78.7	20.3	2503				
2	57.5	78.0	20.5	2503				
3	57.1	77.7	20.6	2503				
4	56.8	77.7	20.9	2503	8.0	8.0	2	8.0
5	56.4	77.3	20.9	2503				
6	56.4	77.3	20.9	2504			8.0	
7	57.3	77.4	20.1	2446				
8	56.8	72.7	16.0	1867				
9	57.4	77.5	20.1	1282				
10	57.3	77.3	20.0	1279				
11	56.7	76.8	20.1	1279				
12	56.7	77.1	20.4	1279				
13	55.8	76.4	20.6	1278				
14	54.4	75.0	20.6	1279				
15	54.6	75.4	20.8	1279				
16	55.1	76.0	20.9	1279				
17	55.7	76.4	20.7	1279				
18	55.4	76.0	20.6	1272				
19	54.6	75.4	20.8	1270				
20	54.3	75.0	20.7	1239	8.2	8.2		
21	53.6	72.6	19.0	1158	8.0	8.0		
22	53.5	73.1	19.6	1279				
23	54.1	74.1	20.0	1279	8.2	8.1		
24	54.9	74.8	19.9	1279				
25	55.5	75.2	19.7	1279	8.0	8.1		
26	56.2	75.9	19.7	1279	8.1	8.0		
27	57.4	77.1	19.7	1280				
28	58.2	78.0	19.8	1304				
29	58.8	78.6	19.8	1279				
30	58.8	78.7	19.9	1283				
31	58	78.2	19.3	1491				
MONTHLY AVG	56.3	76.4	20.1	1575	8.1	8.1	8.0	8.0
MONTHLY HIGH	58.8	78.7	20.9	2504	8.2	8.2	8.0	8.0
MONTHLY LOW	53.5	72.6	16.0	1158	8.0	8.0	8.0	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 DEMUSSELLING.
*** DAILY WHEN DISCHARGING CHEMICAL CLEANING WASTES FROM DISCHARGES 001D, F, I, L, AND/OR M.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Draw Douglas
DATE
1/19/00

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) 2

FACILITY I.D. 3402003001 YEAR / MO / DAY BEGINNING 00 / 10 / 01 YEAR / MO / DAY ENDING 00 / 10 / 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
1							10	538
2							10	538
3							6	389
4	8.0	8.0					6	389
5			< 5				6	389
6							6	389
7							6	389
8						< 3	6	389
9							6	389
10							6	389
11							5	324
12							2	130
13			< 5				6	389
14							6	389
15							6	389
16							6	389
17							6	374
18			< 5				6	360
19						< 3	6	360
20							6	350
21						2 < 3	6	331
22							6	331
23						< 3	6	331
24			< 5				6	317
25						< 3	6	302
26							6	302
27							6	302
28							6	302
29							6	302
30							6	302
31							8	350
MONTHLY AVG	8.0	8.0	< 5	NO	NO	< 3	19	359
MONTHLY HIGH	8.0	8.0	< 5	DISCHARGE	DISCHARGE	< 3	56	538
MONTHLY LOW	8.0	8.0	< 5			< 3	< 10	130
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.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Loucas 1/19/00

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

DISCHARGE SELF MONITORING REPORT

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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 10 / 01 YEAR / MO / DAY ENDING 00 / 10 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SAMPL TYPE FREQ.	EFF 001N=>003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=>003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFFLUENT 001D SUSPENDED SOLIDS			EFFLUENT 001F SUSPENDED SOLIDS		
			mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET
1			21	1	20			
2								
3			8		8			
4								
5								
6			9	<1	9			
7								
8						2	<1	NO (5)
9		2	18		13			
10								
11								
12			3		NO (5)			
13								
14								
15								
16								
17								
18			<1		NO (5)			
19			6		6	< 1	< 1	NO (5)
20								
21						2 < 1	2 < 1	2 NO (5)
22								
23						1		NO (5)
24								
25						1	< 1	NO (5)
26								
27								
28								
29								
30								
31								
MONTHLY AVG	NO DISCHARGE	NO DISCHARGE			** 7			NO (5)
MONTHLY HIGH					35			NO (5)
MONTHLY LOW					NO (5)			NO (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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Danner 1/19/00

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
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81 HIGUERA
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 10 / 01	YEAR / MO / DAY ENDING 00 / 10 / 31	STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001G SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET			EFFLUENT 001H SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY mg/1 NET		
	1					
2						
3						
4	< 1		ND (5)	2		ND (5)
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG			ND (5)			ND (5)
MONTHLY HIGH			ND (5)			ND (5)
MONTHLY LOW			ND (5)			ND (5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED						

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Sawyer</i> 	1/19/00

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

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FACILITY I.D. 3402003001 YEAR / MO / DAY BEGINNING 00 / 10 / 01 YEAR / MO / DAY ENDING 00 / 10 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Dr. Douglas [Signature] 1/19/00

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

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FACILITY I.D.	BEGINNING	YEAR / MO / DAY	ENDING	YEAR / MO / DAY	STATE CODE	NPDES PERMIT #
3 402003001	00 / 10 / 01		00 / 10 / 31		06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001K SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY			EFFLUENT 001L SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY		
	mg/1	mg/1	mg/1 NET	mg/1	mg/1	mg/1 NET
1						
2						
3						
4						
5				2 <	1	2 ND (5)
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG	NO DISCHARGE					ND (5)
MONTHLY HIGH						ND (5)
MONTHLY LOW						ND (5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED						

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
 GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders
 DATE
 1/19/00

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

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PAGE: (M) 7

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3 402003001	BEGINNING	00 / 10 / 01	ENDING	00 / 10 / 31	06	CA0003751	
STATION ANALYSIS UNITS SMPLE TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS			EFFLUENT 001N SUSPENDED SLDS	EFFLUENT 001P SUSPENDED SOLIDS		
	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET	mg/1 COMPOSITE WEEKLY	mg/1 1st FLTR	mg/1 2nd FLTR GRAB MONTHLY	mg/1 NET
1							
2							
3							
4							
5				8			
6					1	<1	ND (5)
7							
8							
9							
10							
11							
12							
13				27			
14							
15							
16							
17							
18				21			
19							
20							
21							
22							
23							
24				10			
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	NO DISCHARGE			17	NO (5)		
MONTHLY HIGH				27	NO (5)		
MONTHLY LOW				8	NO (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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Draw Doures
DATE
1/19/00

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 00 / 10 / 01 YEAR / MO / DAY ENDING 00 / 10 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Doures DAF 1/19/00

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) 9

FACILITY I.D.	YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	00 / 10 / 01		ENDING	00 / 10 / 31		06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR mg/1 NET GRAB WEEKLY WHEN 001N & 001P => 003			EFFLUENT 001N SETTL SOLIDS ml/1 GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/1 GRAB MONTHLY	EFFLUENT 001 COPPER ug/1 GRAB MONTHLY	EFFLUENT 001 NICKEL ug/1 GRAB MONTHLY	EFFLUENT 001 ZINC ug/1 GRAB MONTHLY		
1										
2										
3										
4										
5				< 0.1	ND (10)	ND (10)	ND (10)	ND (10)		
6										
7										
8										
9										
10										
11										
12										
13				< 0.1						
14										
15										
16										
17										
18				< 0.1						
19										
20										
21										
22										
23										
24				< 0.1						
25										
26										
27										
28										
29										
30										
31										
MONTHLY AVG			NO	< 0.1	ND (10)	ND (10)	ND (10)	ND (10)		
MONTHLY HIGH			DISCHARGE	< 0.1	ND (10)	ND (10)	ND (10)	ND (10)		
MONTHLY LOW				< 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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	11/19/00

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 00 / 10 / 01		YEAR / MO / DAY ENDING 00 / 10 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1						< 3		
2								
3						< 3		< 3
4	ND (10)	ND (10)	ND (10)				< 3	
5								
6						7		
7								
8								
9						2 < 3		
10								
11								
12						< 3		
13								
14								
15								
16								
17								
18								
19							3	
20				ND (200)	ND (200)			
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	ND (10)	ND (10)	ND (10)	ND (200)	ND (200)	< 3	< 3	< 3
MONTHLY HIGH	ND (10)	ND (10)	ND (10)	ND (200)	ND (200)	7	< 3	< 3
MONTHLY LOW	ND (10)	ND (10)	ND (10)	ND (200)	ND (200)	< 3	< 3	< 3
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 REPORTED.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Lawrence
DATE: 1/19/00

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 00 / 10 / 01		YEAR / MO / DAY ENDING 00 / 10 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4							2 < 3	< 3
5				2 < 3				
6								
7								
8		< 3						
9								
10						< 3		
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30		< 3						
31								
MONTHLY AVG	NO DISCHARGE	< 3	NO DISCHARGE	< 3	NO DISCHARGE	< 3	< 3	< 3
MONTHLY HIGH	DISCHARGE	< 3	DISCHARGE	< 3	DISCHARGE	< 3	< 3	< 3
MONTHLY LOW		< 3		< 3		< 3	< 3	< 3
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Sawyer [Signature]
DATE
1/19/00

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 00 / 10 / 01 YEAR / MO / DAY ENDING 00 / 10 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 004 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JA/AP/JUL/OCT	EFFLUENT 001D CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JA/AP/JUL/OCT	
1		**	ND (5)	2 ND (5)	2 ND (5)		
2							
3							
4	< 3						
5							
6						ND (5)	
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	< 3	**	ND (5)	ND (5)	ND (5)	ND (5)	
MONTHLY HIGH	< 3		ND (5)	ND (5)	ND (5)	ND (5)	
MONTHLY LOW	< 3		ND (5)	ND (5)	ND (5)	ND (5)	
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 ANALYSES PERFORMED IN NOVEMBER.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Sawyer 1/19/00

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

DISCHARGE SELF MONITORING REPORT

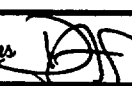
PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
AVILA BEACH, CALIF 93424

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FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #			
3 402003001	BEGINNING	00 / 10 / 01	ENDING	00 / 10 / 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	ND (10)	2	ND (10)	2	ND (10)	2	40	2	ND (10)
2									
3									
4									
5									
6					ND (10)				ND (10)
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	40	ND (10)	ND (10)	
MONTHLY HIGH	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	40	ND (10)	ND (10)	
MONTHLY LOW	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	40	ND (10)	ND (10)	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	1/19/00

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 FIGUERA
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 00 / 10 / 01		YEAR / MO / DAY ENDING 00 / 10 / 31		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL 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	ND (10)	2	ND (10)	2	0.07	2	ND (0.2)	2	ND (0.01)
2									
3									
4									
5									
6				ND (10)					0.02
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND (10)	ND (10)	ND (10)	ND (10)	0.07	ND (0.2)	ND (0.01)	0.02	
MONTHLY HIGH	ND (10)	ND (10)	ND (10)	ND (10)	0.07	ND (0.2)	ND (0.01)	0.02	
MONTHLY LOW	ND (10)	ND (10)	ND (10)	ND (10)	0.07	ND (0.2)	ND (0.01)	0.02	
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	1/19/00

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	00 / 10 / 01	ENDING	00 / 10 / 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	ND (10)	2	15	2	ND (10)	2	ND (10)	2	ND (10)
2									
3									
4									
5									
6					ND (10)				ND (10)
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND (10)	15	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
MONTHLY HIGH	ND (10)	20	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
MONTHLY LOW	ND (10)	10	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED									
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Dawnes</i> 	1/19/00

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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NPDES PERMIT #
CA0003751

STATE CODE
06

YEAR / MO / DAY
00 / 10 / 31

YEAR / MO / DAY
00 / 10 / 01

FACILITY I.D.
3 402003001

STATION ANALYSIS UNITS SMPL TYPE FREQ.	BEGINNING		ENDING		EFFLUENT 001F ZINC ug/l 1 WEEK COMP JWAPI/JUL/OCT
	EFFLUENT 001D ZINC ug/l QTRLY COMP JWAPI/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JWAPI/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JWAPI/JUL/OCT	EFFLUENT 001I ZINC ug/l 1 WEEK COMP JWAPI/JUL/OCT	
1	110	2	2	ND (20)	ND (20)
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	110	35	2	ND (20)	ND (20)
MONTHLY HIGH	110	40			ND (20)
MONTHLY LOW	110	30			ND (20)
TIMES EXCEEDED	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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Downer
DATE
1/19/00

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.	YEAR / MO / DAY BEGINNING	YEAR / MO / DAY ENDING	STATE CODE	NPDES PERMIT #	
3 402003001	00 / 10 / 01	00 / 10 / 31	06	CA0003751	
STATION ANALYSIS UNITS SMPL TYPE REQ.	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					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19		ND(0.050)			
20					
21	2	ND(0.100)			
22					
23		ND(0.100)			
24					
25		ND(0.100)			
26					
27					
28					
29					
30					
31					
MONTHLY AVG	NO	ND(0.100)	NO	NO	NO
MONTHLY HIGH	DISCHARGE	ND(0.100)	DISCHARGE	DISCHARGE	DISCHARGE
MONTHLY LOW		ND(0.050)			
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders 
DATE
1/19/00

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
81 FIGUERA
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.	BEGINNING	YEAR / MO / DAY	ENDING	YEAR / MO / DAY	STATE CODE	NPDES PERMIT #
3 402003001	00 / 10 / 01		00 / 10 / 31		06	CA0003751
STATION ANALYSIS UNITS SMP. 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						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19		ND(0.200)				
20		2 ND(0.200)				
21		ND(0.200)				
22		ND(0.200)				
23		ND(0.200)				
24						
25		ND(0.200)				
26						
27						
28						
29						
30						
31						
MONTHLY AVG	NO	ND(0.200)	NO	NO	NO	
MONTHLY HIGH	DISCHARGE	ND(0.200)	DISCHARGE	DISCHARGE	DISCHARGE	
MONTHLY LOW		ND(0.200)				
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

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders 
DATE
1/19/00

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 00 / 10 / 01		YEAR / MO / DAY ENDING 00 / 10 / 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								** ND (10)
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	**	**	**	**	**	**	**	ND (10)
MONTHLY HIGH								ND (10)
MONTHLY LOW								ND (10)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	6M - MED 30 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT	6M-MED 10 = 0	NO LIMIT
TIMES EXCEEDED			D MAX 150 = 0		D MAX 20 = 0		D MAX 40 = 0	
TIMES EXCEEDED			I MAX 400 = 0		I MAX 50 = 0		I MAX 100 = 0	

REMARKS: *NUMBER OF SAMPLES TAKEN DURING THE DAY.
**ANNUAL ANALYSES FOR THESE PARAMETERS PERFORMED AND RESULTS REPORTED IN JULY, 2000.
**INFLUENT ANALYSIS PERFORMED FOR COMPARISON TO EFFLUENT RESULT.

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	1/19/00

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) 2

FACILITY I.D. 3402003001	YEAR / MO / DAY BEGINNING 00 / 10 / 01		YEAR / MO / DAY ENDING 00 / 10 / 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	**	**	**	**	**	**	**	**
5	**	**	**	**	**	**	**	**
6	**	**	**	**	**	**	**	**
7	**	**	**	**	**	**	**	**
8	**	**	**	**	**	**	**	**
9	**	**	**	**	**	**	**	**
10	**	**	**	**	**	**	**	**
11	**	**	**	**	**	**	**	**
12	**	**	**	**	**	**	**	**
13	**	**	**	**	**	**	**	**
14	**	**	**	**	**	**	**	**
15	**	**	**	**	**	**	**	**
16	**	**	**	**	**	**	**	**
17	**	**	**	**	**	**	**	**
18	**	**	**	**	**	**	**	**
19	**	**	**	**	**	**	**	**
20	**	**	**	**	**	**	**	**
21	**	**	**	**	**	**	**	**
22	**	**	**	**	**	**	**	**
23	**	**	**	**	**	**	**	**
24	**	**	**	**	**	**	**	**
25	**	**	**	**	**	**	**	**
26	**	**	**	**	**	**	**	**
27	**	**	**	**	**	**	**	**
28	**	**	**	**	**	**	**	**
29	**	**	**	**	**	**	**	**
30	**	**	**	**	**	**	**	**
31	**	**	**	**	**	**	**	**
MONTHLY AVG	**	**	**	**	**	**	**	**
MONTHLY HIGH	**	**	**	**	**	**	**	**
MONTHLY LOW	**	**	**	**	**	**	**	**
TIMES EXCEEDED	NO LIMIT	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.
**ANNUAL ANALYSES FOR THESE PARAMETERS PERFORMED AND RESULTS REPORTED IN JULY, 2000.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Lawrence</i> 	1/19/00

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) 3

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3 402003001	BEGINNING	00 / 10 / 01	ENDING	00 / 10 / 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			ND (0.200)	598			
4							
5							
6							
7							
8							
9							
10						< 3	< 3
11							
12							
13							
14							
15							
16							
17							
18							
19					ND (0.050)		
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG	**	**	ND (0.200)	598	ND (0.050)	< 3	< 3
MONTHLY HIGH			ND (0.200)	598	ND (0.050)	< 3	< 3
MONTHLY LOW			ND (0.200)	598	ND (0.050)	< 3	< 3
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.
**ANNUAL ANALYSES FOR THESE PARAMETERS PERFORMED AND RESULTS REPORTED IN JULY, 2000.

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Doures 
DATE : 1/19/00

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 00 / 10 / 01 YEAR / MO / DAY ENDING 00 / 10 / 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							
4							
5							
6							
7							
8							
9							
10		< 3					
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26			< 3				
27							
28	< 3						
29							
30							
31							
MONTHLY AVG	< 3	< 3	< 3	NO DISCHARGE	NO DISCHARGE		
MONTHLY HIGH	< 3	< 3	< 3				
MONTHLY LOW	< 3	< 3	< 3				
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Douvres 1/19/00

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 00 / 10 / 01		YEAR / MO / DAY ENDING 00 / 10 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001N SLUDGE MOISTURE % GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE pH pH units GRAB OCTOBER	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE BORON mg/kg GRAB OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27	99	880	180	< 0.1	250	6.8	200	1
28								
29								
30								
31								
MONTHLY AVG	99	880	180	< 0.1	250	6.8	200	1
MONTHLY HIGH	99	880	180	< 0.1	250	6.8	200	1
MONTHLY LOW	99	880	180	< 0.1	250	6.8	200	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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Doures</i> 	1/19/00

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.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	00 / 10 / 01	ENDING	00 / 10 / 31	06	CA0003751		
STATION	EFFLUENT 001N SLUDGE CADMIUM	EFFLUENT 001N SLUDGE COPPER	EFFLUENT 001N SLUDGE CHROMIUM	EFFLUENT 001N SLUDGE LEAD	EFFLUENT 001N SLUDGE NICKEL	EFFLUENT 001N SLUDGE MERCURY	EFFLUENT 001N SLUDGE ZINC	EFFLUENT 001N SLUDGE VOLUME
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	tons
SAMPL. TYPE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	
FREQ.	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER	OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								3225
25								
26								
27	< 0.05	4.6	< 0.1	0.20	0.22	< 1.0	10	
28								
29								
30								
31								
MONTHLY AVG	< 0.05	4.6	< 0.1	0.20	0.22	< 1.0	10	3225
MONTHLY HIGH	< 0.05	4.6	< 0.1	0.20	0.22	< 1.0	10	3225
MONTHLY LOW	< 0.05	4.6	< 0.1	0.20	0.22	< 1.0	10	3225
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

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
 Drew Soures [Signature]
DATE
1/19/00

APPENDIX 3
DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

November 2000

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. 3402003001 YEAR / MO / DAY BEGINNING 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 TEMPERATURE DEGREES F METERED CONTINUOUS	DELTA TEMP TEMPERATURE DEGREES F METERED CONTINUOUS	EFFLUENT 001 FLOW MGD RECORDED DAILY	INFLUENT pH PH UNITS GRAB MONTHLY	EFFLUENT 001 pH PH UNITS GRAB MONTHLY (**)	EFFLUENT 001P pH PH UNITS GRAB MONTHLY	EFFLUENT 002 pH PH UNITS GRAB MONTHLY
1	57.5	73.0	15.5	1916	8.2	8.2		2 8.2
2	56.1	70.5	14.4	2060				
3	56.5	72.1	15.6	1891				
4	57.1	72.6	15.5	1034				
5	55.5	71.0	15.5	1891				
6	53.5	69.1	15.6	1891			7.9	
7	53.6	69.0	15.4	1891				
8	54.9	70.5	15.6	1642				
9	53.4	68.9	15.5	1891				
10	53.8	69.4	15.6	1891				
11	54.2	69.9	15.7	1891				
12	53.4	69.1	15.7	1891				
13	53.2	68.9	15.7	1891				
14	53.2	69.0	15.8	1891				
15	52.8	68.9	16.1	1891				
16	52.7	69.7	17.0	1891				
17	53.1	68.4	15.3	2185				
18	53.3	66.7	13.4	1939				
19	53.3	68.0	14.7	2503				
20	53.3	69.2	15.9	1990				
21	53.2	69.8	16.6	1890				
22	53.3	70.3	17.0	2110				
23	53.8	68.6	14.8	2503				
24	53.5	70.2	16.7	2504				
25	53.6	72.7	19.1	2504				
26	53.8	73.4	19.6	2502				
27	53.9	73.7	19.8	2503				
28	53.9	73.9	20.0	2503				
29	54.2	74.3	20.1	2503				
30	54.8	75.0	20.2	2503				
MONTHLY AVG	54.1	70.5	16.4	2066	8.2	8.2	7.9	8.2
MONTHLY HIGH	57.5	75.0	20.2	2504	8.2	8.2	7.9	8.2
MONTHLY LOW	52.7	66.7	13.4	1034	8.2	8.2	7.9	8.2
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Soures  1/19/00

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


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

PAGE: (M) 2

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 30		STATE CODE 06	NPDES PERMIT # CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 pH pH UNITS GRAB MONTHLY	EFFLUENT 004 pH pH UNITS GRAB MONTHLY	EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY	EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***)	EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY	EFFLUENT 001 T CHLOR RES ug/l GRAB 2 per CYCLE	EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY	
1		8.2					12	21	446
2			6				12	27	446
3	8.1					< 3	12	26	446
4							12	21	446
5							12	21	446
6						< 3	12	24	446
7							12	26	432
8			< 5				12	21	410
9							12	26	403
10							12	26	403
11							12	24	403
12							12	26	403
13							12	26	403
14							12	26	403
15							12	26	403
16			< 5				12	34	403
17							12	32	451
18							12	22	547
19							12	20	547
20							12	< 13	427
21			6				12	26	413
22							12	30	480
23							12	30	576
24							12	36	576
25							12	27	576
26							12	15	576
27							12	15	576
28			6				12	< 10	583
29							12	22	590
30							9	34	444
31									
MONTHLY AVG	8.1	8.2	< 5	NO	NO	< 3	24	470	
MONTHLY HIGH	8.1	8.2	6	DISCHARGE	DISCHARGE	< 3	36	590	
MONTHLY LOW	8.1	8.2	< 5			< 3	< 10	403	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	I MAX 200 = 0	NO LIMIT	
TIMES EXCEEDED			D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0			
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.
** WHEN 001N IS DISCHARGING TO 001P.
*** WHEN 001P IS DISCHARGING TO 003.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Draw Saunders</i> 	1/19/00

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

DISCHARGE SELF MONITORING REPORT

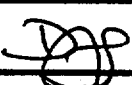
PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
AVILA BEACH, CALIF 93424

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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 30		STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL TYPE FREQ.	EFF 001N=>003 TOTL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	EFF 001N=>003 FECAL COLIFORM MPN/100ml GRAB 4 TIMES/WEEK	mg/l 1st FLTR	EFFLUENT 001D SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	EFFLUENT 001F SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	
1									
2			2		ND (5)				
3			2		ND (5)				
4									
5			4	< 1	ND (5)				
6						4	< 1	ND (5)	
7									
8									
9									
10									
11									
12									
13			14		14				
14									
15			19		19				
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28			3		ND (5)				
29									
30									
31									
MONTHLY AVG	NO DISCHARGE	NO DISCHARGE		**	5			ND (5)	
MONTHLY HIGH					19			ND (5)	
MONTHLY LOW					ND (5)			ND (5)	
TIMES EXCEEDED	80% SMPLS>1K	MEAN>200 =	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0	
TIMES EXCEEDED		90 % SMPLS>400			D MAX 100 = 0			D MAX 100 = 0	
TIMES EXCEEDED	I MAX >10K								

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

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Sawyer 
DATE
1/19/00

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
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 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 GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET
1	< 1		ND (5)			
2				4	5	ND (5)
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG			ND (5)			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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Soures *DS* 1/19/00

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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FACILITY I.D. 3 402003001		YEAR / MO / DAY BEGINNING 00 / 11 / 01			YEAR / MO / DAY ENDING 00 / 11 / 30			STATE CODE 06		NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I SUSPENDED SOLIDS			EFFLUENT 001J SUSPENDED SOLIDS							
	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14					1				ND (5)		
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
MONTHLY AVG	NO DISCHARGE						ND (5)				
MONTHLY HIGH							ND (5)				
MONTHLY LOW							ND (5)				
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0					
TIMES EXCEEDED			MAX 100 = 0			MAX 100 = 0					
TIMES EXCEEDED											

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Lawrence</i> 	1/19/00

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


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

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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 30		STATE CODE 06	NPDES PERMIT # CA0003751
STATION ANALYSIS UNITS SAMPL 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				2 < 1		
3					2	ND (5)
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG	NO DISCHARGE					ND (5)
MONTHLY HIGH						ND (5)
MONTHLY LOW						ND (5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			D MAX 100 = 0			D MAX 100 = 0
TIMES EXCEEDED						

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Doures</i> 	1/19/00

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
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FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01			YEAR / MO / DAY ENDING 00 / 11 / 30			STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SAMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY mg/l NET			EFFLUENT 001N SUSPENDED SLDS mg/l COMPOSITE WEEKLY			EFFLUENT 001P SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY mg/l NET		
1									
2					10				
3									
4	22	3	19						
5	15	2	13						
6						1	< 1	ND (5)	
7									
8					17				
9									
10									
11									
12									
13									
14									
15									
16					21				
17									
18									
19									
20									
21					7				
22									
23									
24									
25									
26									
27									
28					6				
29									
30									
31									
MONTHLY AVG			16		12			NO (5)	
MONTHLY HIGH			19		21			NO (5)	
MONTHLY LOW			13		6			NO (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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i> Drew Saunders [Signature]</i>	1/19/00

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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FACILITY I.D. 3 402003001
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YEAR / MO / DAY ENDING 00 / 11 / 30
STATE CODE 06
NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SAMPL 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			mg/l NET
	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	
1	2	11	2	1	2	10	
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
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18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
MONTHLY AVG						10	ND (5)
MONTHLY HIGH						15	ND (5)
MONTHLY LOW						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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders *[Signature]*
DATE 1/19/00

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 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS			EFFLUENT 001N SETT. SOLIDS ml/l GRAB WEEKLY	EFFLUENT 001 T CHROMIUM ug/l GRAB MONTHLY	EFFLUENT 001 COPPER ug/l GRAB MONTHLY	EFFLUENT 001 NICKEL ug/l GRAB MONTHLY	EFFLUENT 001 ZINC ug/l GRAB MONTHLY
	mg/l 1st FLTR	mg/l 2nd FLTR GRAB	mg/l NET WEEKLY WHEN 001N & 001P => 003					
1						ND (10)	ND (10)	ND (10)
2				< 0.1				
3								
4								
5								
6								
7								
8				< 0.1				
9								
10								
11								
12								
13								
14								
15								
16				< 0.1				
17								
18								
19								
20								
21				< 0.1				
22								
23								
24								
25								
26								
27								
28				< 0.1				
29								
30								
31								
MONTHLY AVG			NO	< 0.1	ND (10)	ND (10)	ND (10)	ND (10)
MONTHLY HIGH			DISCHARGE	< 0.1	ND (10)	ND (10)	ND (10)	ND (10)
MONTHLY LOW				< 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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Douvres 1/19/00

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. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 30		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1	** ND (10)	** ND (10)	** ND (10)					
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG	** ND (10)	** ND (10)	** ND (10)					
MONTHLY HIGH	ND (10)	ND (10)	ND (10)					
MONTHLY LOW	ND (10)	ND (10)	ND (10)					
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0
TIMES EXCEEDED					I MAX 30600 = 0			

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

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Souther</i> 	1/19/00

CALIFORNIA REGIONAL WATER QUALITY
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4					4			
5					< 3			
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					< 3			
MONTHLY HIGH					4			
MONTHLY LOW					< 3			
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Saunders 1/19/00

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
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DISCHARGE SELF MONITORING REPORT

PACIFIC GAS AND ELECTRIC CO.
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FACILITY ID.	BEGINNING	YEAR/MO/DAY	ENDING	YEAR/MO/DAY	STATE CODE	NPOES PERMIT #
STATION ANALYSIS UNIT TYPE FREQ.	OIL & GREASE mg/l GRAV JAWP/ALUOCT	EFFLUENT 001 TOX CONCEN TU GRAV JAWP/ALUOCT	EFFLUENT 0010 CADMIUM ug/l QTRLY COMP JAWP/ALUOCT	EFFLUENT 001H CADMIUM ug/l QTRLY COMP JAWP/ALUOCT	EFFLUENT 001L CADMIUM ug/l QTRLY COMP JAWP/ALUOCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JAWP/ALUOCT
1		0.00				
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	**	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	GM-MED 0.26=0					

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.
** TOXICITY ANALYSIS PERFORMED IN NOVEMBER AS NOTED IN OCTOBER REPORT.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Diana Douvrekis</i>	1/19/00

CALIFORNIA REGIONAL WATER QUALITY
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DISCHARGE SELF MONITORING REPORT

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DIABLO CANYON NUCLEAR POWER PLANT
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPLE 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								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Douyres 1/19/00

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) 5

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 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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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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Dr. Lawrence [Signature]</i>	1/19/00

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) 6

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 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	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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i> Drew Douvres [Signature]</i>	1/19/00

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) 7

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SAMPL TYPE REQ.	EFFLUENT 001D ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L ZINC ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F ZINC ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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MONTHLY AVG MONTHLY HIGH 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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Draw Sawyer</i> 	1/19/00

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 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Saunders  1/19/00

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
 BEGINNING YEAR / MO / DAY 00 / 11 / 01
 ENDING YEAR / MO / DAY 00 / 11 / 30
 STATE CODE 06
 NPDES PERMIT # CA0003751

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders
DATE 1/19/00

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) 1

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 11 / 01 YEAR / MO / DAY ENDING 00 / 11 / 30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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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 EFFLUENT RESULT.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Sawyer 1/19/00

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

DISCHARGE SELF MONITORING REPORT

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


PAGE: (A) 2

FACILITY ID. 3402003001 BEGINNING YEAR/MO/DAY 00/11/01 ENDING YEAR/MO/DAY 00/11/30 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SAMP. 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								
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TIMES EXCEEDED	NO LIMIT	64-MED 0.2=0	NO LIMIT	64-MED 2.9=0	NO LIMIT	64-MED 30=0	NO LIMIT	64-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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Debra Dounnik</i> 	1/19/00

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) 3

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #	
3 402003001	BEGINNING	00 / 11 / 01	ENDING	00 / 11 / 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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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

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE :
<i>Draw Bourne</i>	1/19/00

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) 4

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 30		STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER
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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

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders 
DATE
1/19/00

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

DISCHARGE SELF MONITORING REPORT

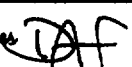
PACIFIC GAS AND ELECTRIC CO.
DIABLO CANYON NUCLEAR POWER PLANT
PO BOX 56
AVILA BEACH, CALIF 93424

PAGE: (A) 5

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 11 / 01		YEAR / MO / DAY ENDING 00 / 11 / 30		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
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MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	1/19/00

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

DISCHARGE SELF MONITORING REPORT


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

PAGE: (A) 6

FACILITY I.D.	YEAR / MO / DAY		YEAR / MO / DAY		STATE CODE	NPDES PERMIT #		
3 402003001	BEGINNING	00 / 11 / 01	ENDING	00 / 11 / 30	06	CA0003751		
STATION	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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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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Sawyer</i> 	1/19/00

APPENDIX 4

DIABLO CANYON POWER PLANT

Influent and Effluent Monitoring

December 2000

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 #		
3 402003001	BEGINNING	00 / 12 / 01	ENDING	00 / 12 / 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	55.0	75.3	20.3	2503				
2	55.7	76.0	20.3	2503				
3	56.0	76.3	20.3	2503				
4	55.4	75.8	20.4	2503				
5	54.9	75.1	20.2	2503	8.0	8.0		8.0
6	55.1	75.3	20.2	2503				
7	55.8	76.1	20.3	2504			7.9	
8	56.0	75.8	19.8	2437				
9	56.2	71.7	15.5	1879				
10	56.1	71.5	15.4	2043				
11	55.5	73.4	17.9	2503				
12	55.2	74.2	19.0	2503				
13	55.0	74.2	19.2	2503				
14	55.0	74.0	19.0	2503				
15	54.1	72.5	18.4	1645				
16	53.8	72.1	18.3	2503				
17	54.3	72.5	18.2	2503				
18	54.0	72.2	18.2	2503				
19	54.4	72.2	17.8	2503				7.9
20	54.1	72.5	18.4	2503				
21	54.1	73.3	19.2	2504				
22	54.4	67.5	13.1	2428				
23	53.9	71.5	17.6	2503				
24	54.0	73.7	19.7	2503				
25	54.1	74.0	19.9	2503				
26	54.1	73.8	19.7	2503				
27	54.7	74.4	19.7	2404				
28	55.2	74.9	19.7	2503				
29	55.3	74.8	19.5	2503				
30	54.8	74.3	19.5	2504				
31	54.8	74.2	19.4	2503				
MONTHLY AVG	54.9	73.7	18.8	2433	8.0	8.0	7.9	8.0
MONTHLY HIGH	56.2	76.3	20.4	2504	8.0	8.0	7.9	8.0
MONTHLY LOW	53.8	67.5	13.1	1645	8.0	8.0	7.9	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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders
DATE
19-Jan-01

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 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 pH pH UNITS GRAB MONTHLY	EFFLUENT 004 pH pH UNITS GRAB MONTHLY	EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY	EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (**)	EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY	EFFLUENT 001 T CHLOR RES ug/l GRAB 2 per CYCLE	EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY	
1							8	34	394
2							8	32	394
3							8	32	394
4							8	28	394
5	8.1	8.0					8	26	396
6							8	23	398
7							10	18	422
8			< 5			< 3	12	15	446
9							12	22	446
10							12	20	470
11							12	18	590
12							12	37	485
13			< 5				12	36	593
14							12	59	614
15							12	59	614
16							12	36	605
17							12	30	605
18							12	30	605
19							12	49	540
20							12	47	576
21			7				12	57	576
22							12	57	486
23							12	20	448
24							12	22	562
25							12	19	562
26			7				12	36	562
27							12	32	562
28							12	39	562
29							12	39	562
30							12	36	562
31							12	27	562
MONTHLY AVG	8.1	8.0	< 5	NO DISCHARGE	NO DISCHARGE	< 3	33	516	
MONTHLY HIGH	8.1	8.0	7			< 3	59	614	
MONTHLY LOW	8.1	8.0	< 5			< 3	15	394	
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	I MAX 200 = 0	NO LIMIT	
TIMES EXCEEDED			D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0			
TIMES EXCEEDED									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.
** WHEN 001N IS DISCHARGING TO 001P.
*** WHEN 001P IS DISCHARGING TO 003.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Douras
DATE: 19-Jan-01

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 00 / 12 / 01

YEAR / MO / DAY
ENDING 00 / 12 / 31

STATE CODE
06

NPDES PERMIT #
CA0003751

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

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Draw Douma
DATE
19-Jan-01

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
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FACILITY I.D. 3 402003001
YEAR / MO / DAY BEGINNING 00 / 12 / 01
YEAR / MO / DAY ENDING 00 / 12 / 31
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 GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET
1						
2				6	4	ND(5)
3						
4						
5	< 1		ND(5)			
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG			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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Dr. Lawrence [Signature]
DATE
19-Jan-01

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


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

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FACILITY I.D.	YEAR / MO / DAY BEGINNING	YEAR / MO / DAY ENDING	STATE CODE	NPDES PERMIT #		
3 402003001	00 / 12 / 01	00 / 12 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL 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		
	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET
1						
2						
3						
4						
5						
6						
7						
8						
9				< 1		ND(5)
10						
11						
12						
13						
14				< 1		ND(5)
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
MONTHLY AVG	NO DISCHARGE					ND(5)
MONTHLY HIGH						ND(5)
MONTHLY LOW						ND(5)
TIMES EXCEEDED	NO LIMIT	NO LIMIT	MO AVG 30 = 0	NO LIMIT	NO LIMIT	MO AVG 30 = 0
TIMES EXCEEDED			MAX 100 = 0			MAX 100 = 0
TIMES EXCEEDED						

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	19-Jan-01

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. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 12 / 01 YEAR / MO / DAY ENDING 00 / 12 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE

Drew Sawyer 19-Jan-01

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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FACILITY I.D.	YEAR / MO / DAY			YEAR / MO / DAY			STATE CODE	NPDES PERMIT #
3 402003001	BEGINNING	00 / 12 / 01		ENDING	00 / 12 / 31		06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001M SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY			EFFLUENT 001M SUSPENDED SLDS mg/l COMPOSITE WEEKLY		EFFLUENT 001P SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR GRAB MONTHLY		
	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	mg/l	mg/l 1st FLTR	mg/l 2nd FLTR	mg/l NET	
1								
2								
3								
4								
5								
6								
7								
8				21	13	2	11	
9								
10								
11								
12								
13				24				
14								
15								
16								
17								
18								
19								
20								
21				16				
22								
23								
24								
25								
26				< 5				
27								
28								
29								
30								
31								
MONTHLY AVG	NO DISCHARGE			15			11	
MONTHLY HIGH				24			11	
MONTHLY LOW				< 5			11	
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Soures
DATE: 19-Jan-01

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	00 / 12 / 01	ENDING	00 / 12 / 31	06	CA0003751
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 002 SUSPENDED SOLIDS			EFFLUENT 003 SUSPENDED SOLIDS		
	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET	mg/l 1st FLTR	mg/l 2nd FLTR GRAB MONTHLY	mg/l NET
1						
2						
3						
4						
5	2	1	ND(5)	7	1	5
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19	4	< 1	ND(5)			
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	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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i>	19-Jan-01

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	00 / 12 / 01	ENDING	00 / 12 / 31	06	CA0003751		
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 003 SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR 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					ND(10)	ND(10)	ND(10)	
6								
7								
8				< 0.1				
9								
10								
11								
12								
13								
14								
15				< 0.1				
16								
17								
18								
19								
20								
21				< 0.1				
22								
23								
24								
25								
26				< 0.1				
27								
28								
29								
30								
31								
MONTHLY AVG	NO		< 0.1	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY HIGH	DISCHARGE		< 0.1	ND(10)	ND(10)	ND(10)	ND(10)	
MONTHLY LOW			< 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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Soures</i> 	19-Jan-01

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 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT T CHROMIUM ug/l GRAB JA/AP/JUL/OCT	INFLUENT COPPER ug/l GRAB JA/AP/JUL/OCT	INFLUENT NICKEL ug/l GRAB JA/AP/JUL/OCT	INFLUENT AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001 AMMONIA (N) ug/l GRAB JA/AP/JUL/OCT	EFFLUENT 001D OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001G OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001H OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	
1									
2									
3									
4									
5	** ND(10)	** ND(10)	** ND(10)						
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
MONTHLY AVG	ND(10)	ND(10)	ND(10)						
MONTHLY HIGH	ND(10)	ND(10)	ND(10)						
MONTHLY LOW	ND(10)	ND(10)	ND(10)						
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	6M-MED 3060 = 0	MO AVG 15 = 0	MO AVG 15 = 0	MO AVG 15 = 0	
TIMES EXCEEDED					D MAX 12240 = 0	D MAX 20 = 0	D MAX 20 = 0	D MAX 20 = 0	
TIMES EXCEEDED					I MAX 30600 = 0				

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

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders
DATE
19-Jan-01

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
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FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 12 / 01 YEAR / MO / DAY ENDING 00 / 12 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001I OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001J OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001K OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001L OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001M OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 001P OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 002 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT	EFFLUENT 003 OIL & GREASE mg/l GRAB JA/AP/JUL/OCT
1								
2								
3								
4								
5								
6								
7								
8								
9		< 3						
10								
11								
12								
13								
14		< 3						
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG		< 3						
MONTHLY HIGH		< 3						
MONTHLY LOW		< 3						
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Saunders 19-Jan-01

CALIFORNIA REGIONAL WATER QUALITY
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DISCHARGE SELF MONITORING REPORT

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

PAGE: (a) 3

STATION ANALYSIS UNITS SAMPL TYPE FREQ	EFFLUENT 004 OIL & GREASE mg/l GRAB JAN/FULL/OCT	EFFLUENT 001 TOX CONCEN TU GRAB JAN/FULL/OCT	EFFLUENT 0010 CADMIUM ug/l OTR/LY COMP JAN/FULL/OCT	EFFLUENT 001H CADMIUM ug/l OTR/LY COMP JAN/FULL/OCT	EFFLUENT 001L CADMIUM ug/l OTR/LY COMP JAN/FULL/OCT	EFFLUENT 001F CADMIUM ug/l 1 WEEK COMP JAN/FULL/OCT	STATE CODE	NPDDES PERMIT #	YEAR/MO/DAY	YEAR/MO/DAY
									BEGINNING	ENDING
FACILITY I.D. 3 402003001										
BEGINNING 00/12/01										
ENDING 00/12/31										
STATE CODE 06										
NPDDES PERMIT # CA0003751										
1	*	*	*	*	*	*	*	*	*	*
2	*	*	*	*	*	*	*	*	*	*
3	*	*	*	*	*	*	*	*	*	*
4	*	*	*	*	*	*	*	*	*	*
5	*	*	*	*	*	*	*	*	*	*
6	*	*	*	*	*	*	*	*	*	*
7	*	*	*	*	*	*	*	*	*	*
8	*	*	*	*	*	*	*	*	*	*
9	*	*	*	*	*	*	*	*	*	*
10	*	*	*	*	*	*	*	*	*	*
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12	*	*	*	*	*	*	*	*	*	*
13	*	*	*	*	*	*	*	*	*	*
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15	*	*	*	*	*	*	*	*	*	*
16	*	*	*	*	*	*	*	*	*	*
17	*	*	*	*	*	*	*	*	*	*
18	*	*	*	*	*	*	*	*	*	*
19	*	*	*	*	*	*	*	*	*	*
20	*	*	*	*	*	*	*	*	*	*
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22	*	*	*	*	*	*	*	*	*	*
23	*	*	*	*	*	*	*	*	*	*
24	*	*	*	*	*	*	*	*	*	*
25	*	*	*	*	*	*	*	*	*	*
26	*	*	*	*	*	*	*	*	*	*
27	*	*	*	*	*	*	*	*	*	*
28	*	*	*	*	*	*	*	*	*	*
29	*	*	*	*	*	*	*	*	*	*
30	*	*	*	*	*	*	*	*	*	*
31	*	*	*	*	*	*	*	*	*	*
MONTHLY AVG										
MONTHLY HIGH										
MONTHLY LOW										
TIMES EXCEEDED	NO AVG 15 = 0	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT				
TIMES EXCEEDED	D MAX 20 = 0									
TIMES EXCEEDED	6M-MED 0.26=0									

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Gregory M. Rueger</i>	19-Jan-01

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 #		
3 402003001	BEGINNING	00 / 12 / 01	ENDING	00 / 12 / 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
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MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE :
<i>Drew Doures</i> <i>DD</i>	19-Jan-01

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

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FACILITY I.D. 3 402003001
 BEGINNING YEAR / MO / DAY 00 / 12 / 01
 ENDING YEAR / MO / DAY 00 / 12 / 31
 STATE CODE 06
 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L LEAD ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F LEAD ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L MERCURY ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F MERCURY ug/l 1 WEEK COMP JA/AP/JUL/OCT
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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

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	19-Jan-01

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 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751			
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L NICKEL ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F NICKEL ug/l 1 WEEK COMP JA/AP/JUL/OCT	EFFLUENT 001D SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001H SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001L SILVER ug/l QTRLY COMP JA/AP/JUL/OCT	EFFLUENT 001F SILVER ug/l 1 WEEK COMP JA/AP/JUL/OCT	
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MONTHLY AVG									
MONTHLY HIGH									
MONTHLY LOW									
TIMES EXCEEDED	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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Lawrence</i> 	19-Jan-01

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 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 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		
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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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i> Drew Souwer</i> 	19-Jan-01

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 00 / 12 / 01 YEAR / MO / DAY ENDING 00 / 12 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMP. 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	NO	NO	NO	NO	NO
MONTHLY HIGH	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE	DISCHARGE
MONTHLY LOW					
TIMES EXCEEDED	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0	MO AVG 1 = 0
TIMES EXCEEDED	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0	D MAX 1 = 0
TIMES EXCEEDED					

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
 Drew Soures [Signature] 19-Jan-01

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: (Q) 9

FACILITY I.D. 3 402003001 YEAR / MO / DAY BEGINNING 00 / 12 / 01 YEAR / MO / DAY ENDING 00 / 12 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001D IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001F IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001I IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001L IRON mg/l 24-HR COMP. METAL CLNG	EFFLUENT 001M IRON mg/l 24-HR COMP. METAL CLNG
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31					
MONTHLY AVG	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE	NO DISCHARGE
MONTHLY HIGH					
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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Saunders 19-Jan-01

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 00 / 12 / 01 YEAR / MO / DAY ENDING 00 / 12 / 31 STATE CODE 06 NPDES PERMIT # CA0003751

STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 001 TITANIUM ug/l GRAB OCTOBER	INFLUENT ARSENIC ug/l GRAB OCTOBER	EFFLUENT ARSENIC ug/l GRAB OCTOBER	INFLUENT CADMIUM ug/l GRAB OCTOBER	EFFLUENT 001 CADMIUM ug/l GRAB OCTOBER	INFLUENT LEAD ug/l GRAB OCTOBER	EFFLUENT 001 LEAD ug/l GRAB OCTOBER	INFLUENT ZINC ug/l GRAB OCTOBER
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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 EFFLUENT RESULT.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT DATE
Drew Bourner  19-Jan-01

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	00 / 12 / 01	ENDING	00 / 12 / 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 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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT
Drew Saunders JAS
DATE
19-Jan-01

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 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	INFLUENT CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001 CHLOR PHENOL ug/l GRAB OCTOBER	EFFLUENT 001D LITHIUM mg/l GRAB OCTOBER	EFFLUENT 001D BORON mg/l GRAB OCTOBER	EFFLUENT 001D HYDRAZINE mg/l GRAB OCTOBER	EFFLUENT 005 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 008 OIL & GREASE mg/l GRAB OCTOBER
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MONTHLY AVG							
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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
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Doures</i> 	19-Jan-01

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) 4

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751	
STATION ANALYSIS UNITS SMPL TYPE FREQ.	EFFLUENT 009 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 013 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 015 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 016 OIL & GREASE mg/l GRAB OCTOBER	EFFLUENT 017 OIL & GREASE mg/l GRAB OCTOBER	INFLUENT PCB'S ug/l GRAB OCTOBER	EFFLUENT 001 PCB'S ug/l GRAB OCTOBER
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30							
31							
MONTHLY AVG							
MONTHLY HIGH							
MONTHLY LOW							
TIMES EXCEEDED	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	MO AVG 15=0	NO LIMIT	NO LIMIT
TIMES EXCEEDED	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX 20=0	DMAX20=0		
TIMES EXCEEDED							

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	19-Jan-01

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

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PACIFIC GAS AND ELECTRIC CO.
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PAGE: (A) 5

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION	EFFLUENT 001N SLUDGE MOISTURE % GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT KJLDL N mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE AMMONIA (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE NITRATE (N) mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE TOT PHOSPHS mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE pH pH units GRAB OCTOBER	EFFLUENT 001N SLUDGE OIL & GREASE mg/kg GRAB OCTOBER	EFFLUENT 001N SLUDGE BORON mg/kg GRAB OCTOBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
MONTHLY AVG								
MONTHLY HIGH								
MONTHLY LOW								
TIMES EXCEEDED	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT	NO LIMIT
TIMES EXCEEDED								
TIMES EXCEEDED								

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER
GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Sawyer</i> 	19-Jan-01

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

DISCHARGE SELF MONITORING REPORT

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


PAGE: (A) 6

FACILITY I.D. 3 402003001	YEAR / MO / DAY BEGINNING 00 / 12 / 01		YEAR / MO / DAY ENDING 00 / 12 / 31		STATE CODE 06	NPDES PERMIT # CA0003751		
STATION	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

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT	DATE
<i>Drew Saunders</i> 	19-Jan-01

APPENDIX 5
DIABLO CANYON POWER PLANT
Acute Bioassays
November 2 - 6, 2000

Env. Ops
RECEIVED
12/27/00
D.kmo



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

November 9, 2000

Mr. Curt Wilkinson
FGL Environmental
P.O. Box 272
Santa Paula, CA 93060

Dear Mr. Wilkinson:

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:	Pacific Gas & Electric
SAMPLE I.D.:	DCPP-296, 001 Effluent
DATE RECEIVED:	1 November 2000
ABC LAB. NO.:	FGL1102.469

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: 11/02/2000 Test ID: FGL1102469 Sample ID: CA0000000
End Date: 11/06/2000 Lab ID: CAABC Sample Type: EFF3-Power Plant
Sample Date: 11/01/2000 Protocol: KOP 76-Kopperdahl Test Species: HR-Haliotis rufescens
Comments: DCP-296

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		
100	1.0000	1.0000	1.4120	1.4120	1.4120	0.000	2		

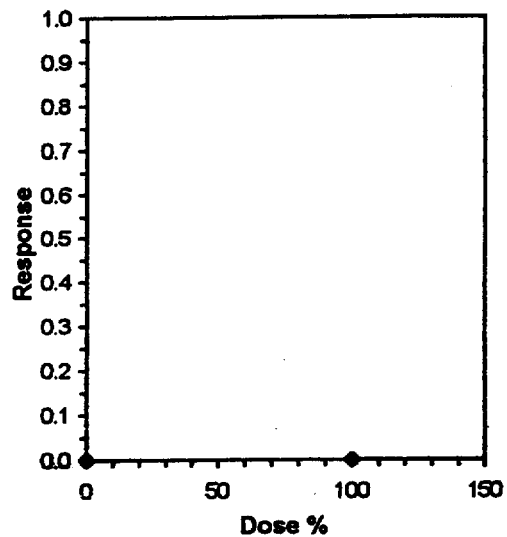
Auxiliary Tests

Normality of the data set cannot be confirmed
Equality of variance cannot be confirmed

Statistic Critical Skew Kurt

Linear Interpolation (200 Resamples)

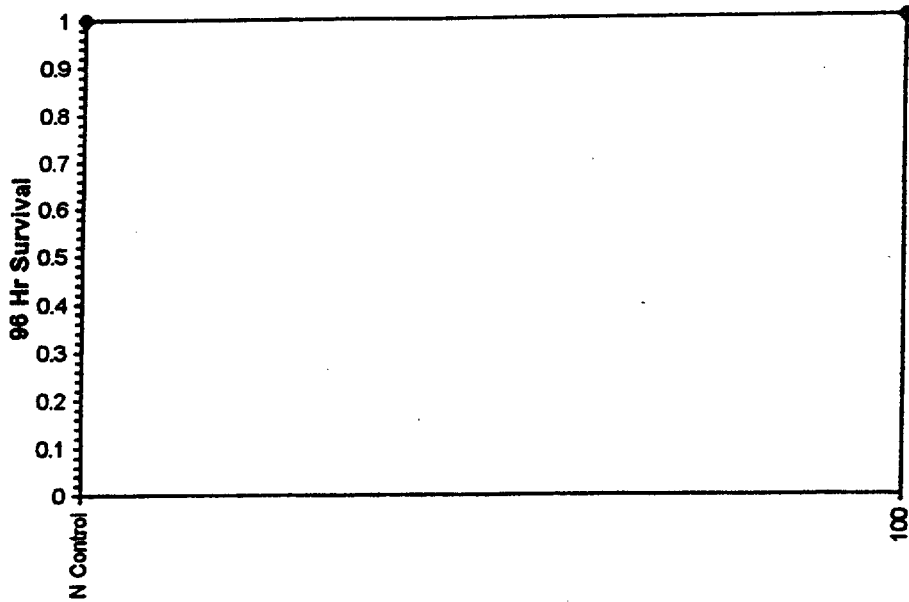
Point	%	SD	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



-96 Hr Survival

Start Date: 11/02/2000	Test ID: FGL1102469	Sample ID: CA0000000
End Date: 11/06/2000	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 11/01/2000	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: DCPP-296		

Dose-Response Plot



-96 Hr Survival

Start Date: 11/02/2000	Test ID: FGL1102469	Sample ID: CA0000000
End Date: 11/06/2000	Lab ID: CAABC	Sample Type: EFF3-Power Plant
Sample Date: 11/01/2000	Protocol: KOP 76-Kopperdahl	Test Species: HR-Haliotis rufescens
Comments: DCP-296		

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.41	14.90	15.70	0.21	2.96	10
100		15.91	15.60	16.70	0.42	4.09	10
N Control	pH	7.80	7.80	7.80	0.00	0.00	10
100		7.78	7.70	7.80	0.04	2.64	10
N Control	DO mg/L	7.38	6.80	8.50	0.64	10.86	10
100		7.60	7.30	8.00	0.27	6.85	10
N Control	Salinity ppt	33.00	33.00	33.00	0.00	0.00	10
100		33.00	33.00	33.00	0.00	0.00	10

CLIENT DETAILS

SECTION I

Client: FGL
 New Customer Customer Number: _____
 Address: _____
 Phone: _____
 FAX: _____
 Project name: 19604
 Contact person: SHAWN PECK
 Billing Information (if different from above)
 Name: _____
 Address: _____
 Phone: _____
 FAX: _____
 Contact person: _____
 Purchase order/contract/FGL quote number: _____
 Pre Log Required: yes _____ no _____

SAMPLING

SECTION II

Sampler (s): ED RILEY
 Comp Sampler Set up Date: _____ Time: _____
 Time: _____ Mileage: _____

REPORT INFORMATION

SECTION III

Rush Analysis (subject to surcharge):
 5 Day 4 Day 3 Day
 2 Day 24 hour
 Electronic Data Transfer: yes _____ no _____
 If yes, To: State _____ Client _____ Other _____
 Lab number: _____

SAMPLE INFORMATION

SECTION IV

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) Metal Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well (TB) Travel Blank (WW) Wastewater (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	BacT: (Sys) System (SRC) Source (W) Waste	BacT: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL)	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl, (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other	ANALYSES REQUESTED	Sample Condition: Received Intact (L) Leaking (B) Broken (HS) VOA Headspace Temp: Ambient _____ Chilled _____ Actual _____	Custody Seal (Y) (N) # of Coolers _____	pH check _____
1.	DOPP-296 001 EFFLUENT	11-1-00	11:05	G	1	P NP	WW							X			
2.	DOPP-297 001 EFFLUENT	11-1-00	11:05	C	1	P NP	WW							X			

REMARKS

SECTION V

CUSTODY

SECTION VI

Relinquished by and subject to the terms and conditions on the reverse of this document:
Ed Riley Date 11/1/00 Time 15:15 Relinquished by: _____ Date _____ Time _____
 Received by: [Signature] Date 11/1/00 Time 15:15 Received by: _____ Date _____ Time _____
 Relinquished by: _____ Date _____ Time _____ Relinquished by: _____ Date _____ Time _____
 Received by: _____ Date _____ Time _____ Received by: _____ Date _____ Time _____

To Lab D/I:

CLIENT DETAILS

SECTION I

Client: PG&E; Atten: Jim Kelly
 New Customer Customer Number: _____
 Address: P.O. Box 56
Avila Beach, Ca. 93424
 Phone: _____
 FAX: _____
 Project name: Quarterly Bioassays
 Contact person: Jim Kelly
 Billing Information (if different from above)
 Name: _____
 Address: _____
 Phone: _____
 FAX: _____
 Contact person: _____
 Purchase order/contract/FGL quote number: _____
 Pre Log Required: yes _____ no _____

SAMPLING

SECTION II

Sampler (s): Ed Riley
 Comp Sampler Set up Date: _____ Time: _____
 Time: _____ Mileage: _____

REPORT INFORMATION

SECTION III

Rush Analysis (subject to surcharge):
 5 Day 4 Day 3 Day 2 Day 24 hour
 Electronic Data Transfer: yes _____ no _____
 If yes, To: State _____ Client _____ Other _____
 Lab number: 19604

SAMPLE INFORMATION

SECTION IV

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) Metal Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well	(GW) Ground Water (TB) Travel Blank	(WW) Wastewater (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	BacT: (Sys) System (SRC) Source (W) Waste	BacT: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL)	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc; (2) NaOH, (3) HCl, (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other _____	ANALYSES REQUESTED	Sample Condition: Received Intact (L) Leaking (B) Broken (HS) VOA Headspace Temp: Ambient _____ Chilled _____ Actual _____	Custody Seal (Y) (N)	pH check
DCPP-296	001 Effluent	11-1-00	1105	G	1	P	NP	WW								X	Acute Toxicity Test - Juvenile <i>Red</i> Chronic Toxicity Test - Larval <i>Red Abalone</i>		
DCPP-297	001 Effluent	11-1-00	1105	C	1	P	NP	WW								X			

REMARKS

SECTION V

CUSTODY

SECTION VI

Relinquished by and subject to the terms and conditions on the reverse of this document:
Edward A Riley Date 11-1-00 Time 1148
 Received by: [Signature] Date 11-1-00 Time _____
 Relinquished by: _____ Date _____ Time _____
 Received by: _____ Date _____ Time _____

APPENDIX 6

DIABLO CANYON POWER PLANT

Chronic Bioassays

November 2 - 4, 2000



2100 473
RECEIVED
R11/1/00
PMO

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH
December 1, 2000

Mr. Jim Kelly
Pacific Gas & Electric
P.O. Box 56
Avila Beach, CA 93424

Dear Mr. Kelly:

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

CLIENT: ✓ Pacific Gas & Electric
SAMPLE I.D.: DCP-297
DATE RECEIVED: 01 Nov - 00
ABC LAB. NO.: PGE1102470

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

-Proportion Normal

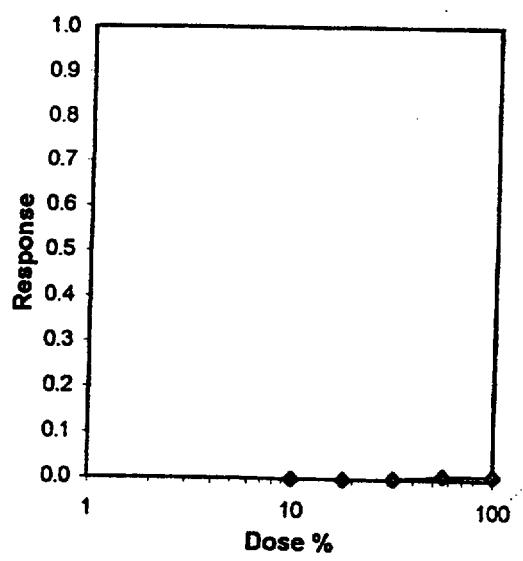
Start Date: 02 Nov-00 00:00 Test ID: PGE1102470 Sample ID: CA0000000
 End Date: 04 Nov-00 00:00 Lab ID: CAABC-Aquatic Bioassay Sample Type: EFF3
 Sample Date: 01 Nov-00 00:00 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
 Comments: DCP-297 #19604

Conc-%	1	2	3	4	5
N Control	1.0000	0.9800	0.9900	0.9900	0.9700
10	0.9900	0.9500	0.9900	0.9700	1.0000
18	1.0000	0.9900	1.0000	1.0000	1.0000
32	0.9800	0.9900	1.0000	0.9700	0.9900
56	0.9900	0.9500	0.9400	0.9900	1.0000
100	0.9900	0.9800	0.9900	0.9700	1.0000

Conc-%	Mean	N-Mean	Transform: Arcsin Square Root					N	t-Stat	1-Tailed Critical	MSD	Isotonic	
			Mean	Min	Max	CV%	Mean					N-Mean	
N Control	0.9860	1.0000	1.4575	1.3967	1.5208	3.229	5				0.9880	1.0000	
10	0.9800	0.9939	1.4408	1.3453	1.5208	4.814	5	0.464	2.360	0.0850	0.9880	1.0000	
18	0.9980	1.0122	1.5107	1.4706	1.5208	1.484	5	-1.477	2.360	0.0850	0.9880	1.0000	
32	0.9860	1.0000	1.4575	1.3967	1.5208	3.229	5	0.000	2.360	0.0850	0.9860	0.9980	
56	0.9740	0.9878	1.4261	1.3233	1.5208	6.075	5	0.872	2.360	0.0850	0.9800	0.9919	
100	0.9860	1.0000	1.4575	1.3967	1.5208	3.229	5	0.000	2.360	0.0850	0.9800	0.9919	

Auxiliary Tests	Statistic	Critical	Skew	Kurt						
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.95375	0.9	-0.27	-0.5959						
Bartlett's Test indicates equal variances (p = 0.26)	6.47376	15.0863								
Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test	100	>100		1	0.02603	0.02637	0.00409	0.00324	0.31246	5, 24

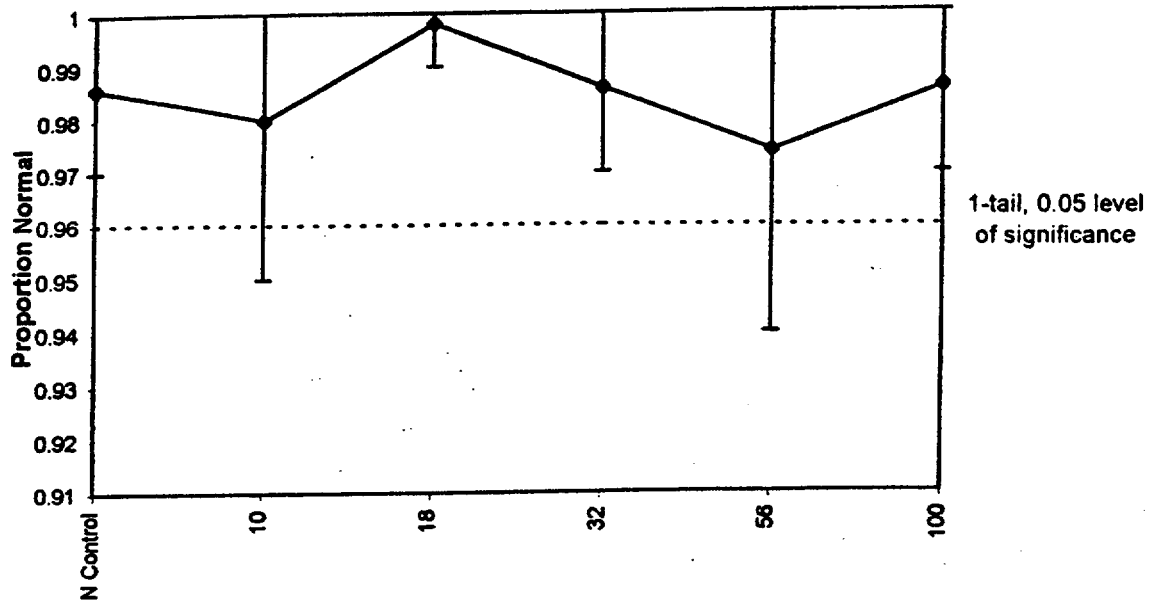
Linear Interpolation (80 Resamples)				
Point	%	SE	95% CL(Exp)	Skew
IC05	>100			
IC10	>100			
IC15	>100			
IC20	>100			
IC25	>100			
IC40	>100			
IC50	>100			



-Proportion Normal

Start Date: 02 Nov-00 00:00 Test ID: PGE1102470 Sample ID: CA0000000
End Date: 04 Nov-00 00:00 Lab ID: CAABC-Aquatic Bioassay Sample Type: EFF3
Sample Date: 01 Nov-00 00:00 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
Comments: DCP-297 #19604

Dose-Response Plot



-Proportion Normal

Start Date: 02 Nov-00 00:00 Test ID: PGE1102470 Sample ID: CA0000000
End Date: 04 Nov-00 00:00 Lab ID: CAABC-Aquatic Bioassay Sample Type: EFF3
Sample Date: 01 Nov-00 00:00 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
Comments: DCP-297 #19604

Auxiliary Data Summary

Conc-%	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp.	15.55	15.50	15.60	0.07	1.71	2
10		15.55	15.50	15.60	0.07	1.71	2
18		15.55	15.50	15.60	0.07	1.71	2
32		15.55	15.50	15.60	0.07	1.71	2
56		15.55	15.50	15.60	0.07	1.71	2
100		15.55	15.50	15.60	0.07	1.71	2
N Control	pH	8.15	8.10	8.20	0.07	3.26	2
10		8.25	8.20	8.30	0.07	3.22	2
18		8.25	8.20	8.30	0.07	3.22	2
32		8.25	8.20	8.30	0.07	3.22	2
56		8.30	8.20	8.40	0.14	4.53	2
100		8.25	8.10	8.40	0.21	5.58	2
N Control	DO mg/L	7.20	7.00	7.40	0.28	7.39	2
10		7.15	6.90	7.40	0.35	8.32	2
18		7.05	6.80	7.30	0.35	8.43	2
32		7.10	7.00	7.20	0.14	5.30	2
56		7.10	7.00	7.20	0.14	5.30	2
100		7.20	7.00	7.40	0.28	7.39	2
N Control	Salinity gm/L	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

CLIENT DETAILS

SECTION I

Client: FGL
 New Customer Customer Number: _____
 Address: _____
 Phone: _____
 FAX: _____
 Project name: 19604
 Contact person: SHAWN PECK
 Billing Information (if different from above)
 Name: _____
 Address: _____
 Phone: _____
 FAX: _____
 Contact person: _____
 Purchase order/contract/FGL quote number: _____
 Pre Log Required: yes _____ no _____

SAMPLING

SECTION II

Sampler(s): ED RILEY

 Comp Sampler Set up Date: _____ Time: _____
 Time: _____ Mileage: _____

REPORT INFORMATION

SECTION III

Rush Analysis (subject to surcharge):
 5 Day 4 Day 3 Day
 2 Day 24 hour
 Electronic Data Transfer: yes _____ no _____
 If yes, To: State _____ Client _____ Other _____
 Lab number: _____

SAMPLE INFORMATION

SECTION IV

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) Metal Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well	(GW) Ground Water (TB) Travel Blank	(WW) Wastewater (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	BacT: (Sys) System (SRC) Source (W) Waste	BacT: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL)	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCl, (4) H2SO4, (5) HNO3, (6) Na2S2O3, (7) Other _____
1.	DCPP-296 - 001 EFFLUENT	11-1-00	11:05	G	1	P NP WW									
2.	DCPP-297 - 001 EFFLUENT	11-1-00	11:05	G	1	P NP WW									

ANALYSES REQUESTED
Acute Toxicity Test - Toxicity test
Chronic Toxicity Test - Heavy Metals
 Sample Condition: Received Intact
 (L) Leaking, (B) Broken (HS) VOA Headspace
 Temp: Ambient _____ Chilled _____ Actual _____
 Custody Seal (Y) (N) # of Coolers _____ Actual _____
 pH check _____

REMARKS

SECTION V

CUSTODY

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

Received by: [Signature] Date: 11/1/00 Time: 15:15
 Relinquished by: _____ Date: _____ Time: _____
 Received by: [Signature] Date: 11/1/00 Time: 15:15
 Relinquished by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____

SECTION VI

To Lab D/I:



TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC ABALONE DEVELOPMENT BIOASSAY

DATE:

02 Nov - 00

STANDARD TOXICANT: Zinc

NOEC = 18.00 ug/l

IC25 = 25.63 ug/l

IC50 = 35.60 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

-Proportion Normal

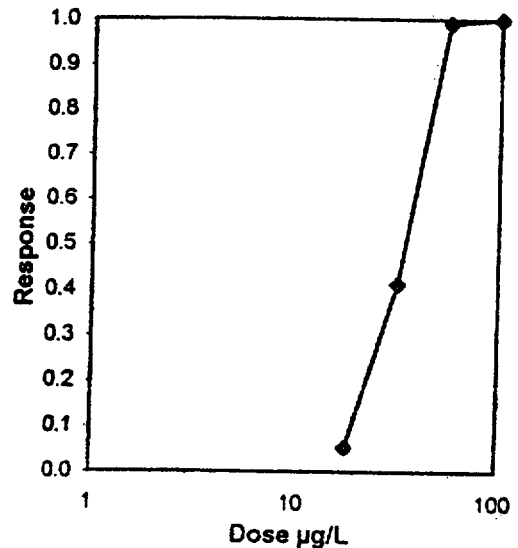
Start Date: 02 Nov-00 00:00 Test ID: ABS-202 Sample ID: CA0000000
 End Date: 04 Nov-00 00:00 Lab ID: CAABC-Aquatic Bioassay Sample Type: ZINC
 Sample Date: 02 Nov-00 00:00 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
 Comments: Standard Toxicant

Conc-µg/L	1	2	3	4	5
N Control	0.9700	0.9500	0.9400	0.9700	0.9600
18	0.9200	0.9000	0.9700	0.8900	0.8500
32	0.5000	0.3900	0.6100	0.6500	0.6600
56	0.0000	0.0000	0.0400	0.0000	0.0000
100	0.0000	0.0000	0.0000	0.0000	0.0000

Conc-µg/L	Transform: Arcsin Square Root							t-Stat	1-Tailed Critical	MSD	Isotonic	
	Mean	N-Mean	Mean	Min	Max	CV%	N				Mean	N-Mean
N Control	0.9580	1.0000	1.3663	1.3233	1.3967	2.357	5				0.9580	1.0000
18	0.9060	0.9457	1.2671	1.1731	1.3967	6.535	5	1.941	2.230	0.1139	0.9060	0.9457
*32	0.5620	0.5866	0.8484	0.6745	0.9483	13.753	5	10.138	2.230	0.1139	0.5620	0.5866
*56	0.0080	0.0084	0.0803	0.0500	0.2014	84.296	5	25.177	2.230	0.1139	0.0080	0.0084
100	0.0000	0.0000	0.0500	0.0500	0.0500	0.000	5				0.0000	0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt						
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.95096	0.868	-0.1096	0.4947						
Bartlett's Test indicates equal variances (p = 0.16)	5.09504	11.3449								
Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test	18	32	24		0.05678	0.0592	1.71073	0.00652	8.2E-14	3, 16

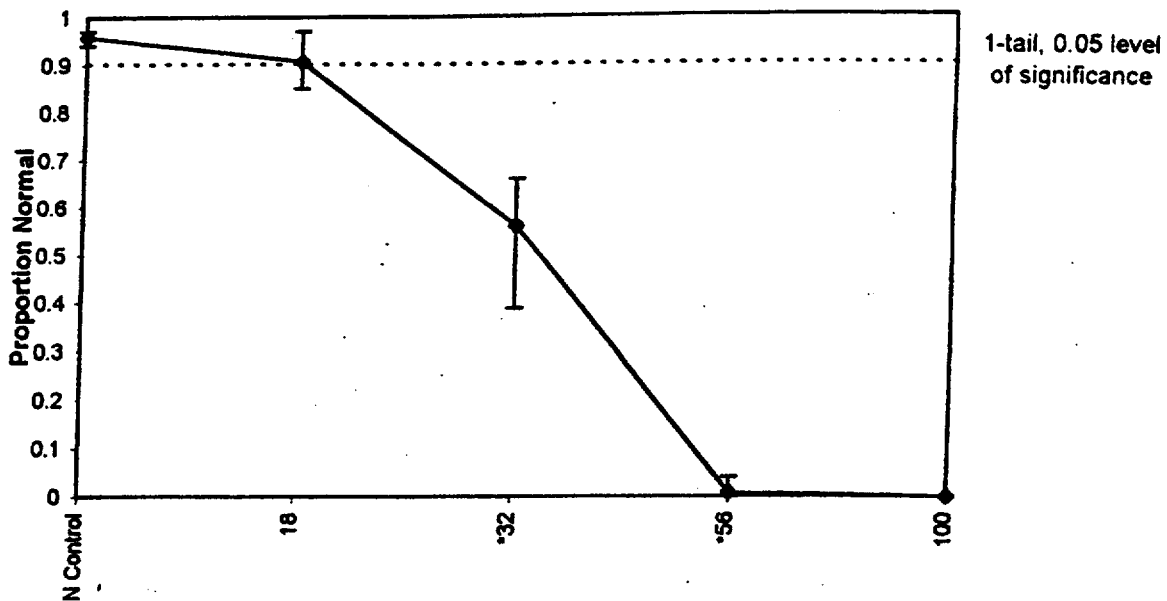
Linear Interpolation (80 Resamples)					
Point	µg/L	SE	95% CL(Exp)	Skew	
IC05*	16.581	2.833	7.459 20.085	-0.6463	
IC10	19.783	0.689	17.854 21.445	-0.1011	
IC15	21.732	0.769	19.556 23.583	-0.0256	
IC20	23.681	0.934	21.088 26.012	-0.0518	
IC25	25.631	1.149	22.344 28.872	-0.0596	
IC40	31.479	1.739	26.520 36.001	-0.3615	
IC50	35.596	1.893	28.883 39.470	-0.8229	



-Proportion Normal

Start Date: 02 Nov-00 00:00 Test ID: ABS-202 Sample ID: CA0000000
End Date: 04 Nov-00 00:00 Lab ID: CAABC-Aquatic Bioassay Sample Type: ZINC
Sample Date: 02 Nov-00 00:00 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant

Dose-Response Plot



-Proportion Normal

Start Date: 02 Nov-00 00:00 Test ID: ABS-202 Sample ID: CA0000000
End Date: 04 Nov-00 00:00 Lab ID: CAABC-Aquatic Bioassay Sample Type: ZINC
Sample Date: 02 Nov-00 00:00 Protocol: MBP 90-Anderson et al. Test Species: HR-Haliotis rufescens
Comments: Standard Toxicant

Auxiliary Data Summary

Conc-µg/L	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	15.55	15.50	15.60	0.07	1.71	2
18		15.55	15.50	15.60	0.07	1.71	2
32		15.55	15.50	15.60	0.07	1.71	2
56		15.55	15.50	15.60	0.07	1.71	2
100		15.55	15.50	15.60	0.07	1.71	2
N Control	pH	8.20	8.20	8.20	0.00	0.00	2
18		8.15	8.10	8.20	0.07	3.26	2
32		8.15	8.10	8.20	0.07	3.26	2
56		8.20	8.20	8.20	0.00	0.00	2
100		8.15	8.10	8.20	0.07	3.26	2
N Control	DO mg/L	7.20	7.00	7.40	0.28	7.39	2
18		7.20	7.00	7.40	0.28	7.39	2
32		7.20	7.10	7.30	0.14	5.22	2
56		7.05	7.00	7.10	0.07	3.77	2
100		7.15	7.00	7.30	0.21	6.44	2
N Control	Salinity gm/L	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