



**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

February 28, 2001

PG&E Letter DCL-2001-512

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

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

Dear Mr. Briggs:

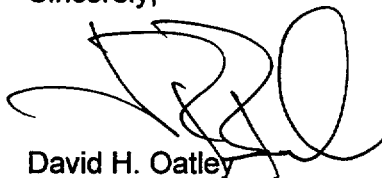
In accordance with Order 90-09, NPDES No. CA0003751, enclosed is the Annual Summary Report on Discharge Monitoring at Diablo Canyon Power Plant for the period January 1 through December 31, 2000.

During preparation of this Annual Monitoring NPDES Report, PG&E identified necessary corrections in data submitted in the First Quarter 2000 NPDES Monitoring Report (PG&E Letter DCL-00-525) and the Fourth Quarter 2000 NPDES Monitoring Report (PG&E Letter DCL-01-504). These corrections mainly involved formatting of "not detected" results. Corrective actions to prevent reoccurrence have been implemented. Enclosure 2 is an errata with replacement pages for both Quarterly 2000 NPDES Monitoring Reports.

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 of my staff at (805) 545-4439.

Sincerely,



David H. Oatley

for DHO

IE25

2001512/JLK/kmo

PG&E Letter DCL-2001-512

Mr. Briggs

February 28, 2001

Page 2

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

Enclosures

ENCLOSURE

**ANNUAL SUMMARY REPORT ON
DISCHARGE MONITORING
AT THE
DIABLO CANYON POWER PLANT
(NPDES NO. CA0003751)**

2000

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

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Enclosure 2 - Errata Replacement Pages

2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant

OVERVIEW

- A. This annual summary report follows the format used in quarterly monitoring reports. During 2000, discharges occurred from all discharge paths except 001I, 001K, and 017.
- B. The substances listed in Table B in the 1990 Ocean Plan were each analyzed for and reported in the permit renewal application for Diablo Canyon Power Plant (DCPP) submitted in October 1994. There have been no changes in the activities conducted at the plant that would have significantly affected the results previously reported in the above referenced document.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. Monitoring Data

- a. Appendix 1 provides a list of the discharge path names for ease of reference. Appendix 2 contains monitoring data in tabular form. Appendix 3 contains monitoring data in graphical form.
- b. Annual oil and grease analyses were performed in October on Discharges 005, 008, 009, 013, and 015. All results were less than 3 mg/l. No discharges occurred from 017 during 2000. Since discharge 016 only drains a small area (approximately 10 feet X 8 feet) in the bottom of a valve vault, discharge quantities during rain events were inadequate for oil and grease samples.
- c. The annual grab sample results of Discharge 001D, Liquid Radioactive Waste Treatment System, for lithium, boron and hydrazine, were less than 0.200 mg/l, 598 mg/l, and less than 0.050 mg/l, respectively.

2. Facility Operating and Maintenance Manual

Pacific Gas and Electric Company (PG&E) maintains a multiple volume Plant Manual at DCPP that contains procedures used for operation and maintenance activities at the plant, including those activities that relate to wastewater handling, treatment, sampling, analysis and discharge.

Plant procedures are prepared and reviewed by DCPP Staff and approved by DCPP Management. Biennial internal audits and periodic procedure reviews assure that the manual remains current.

3. Laboratories Used to Monitor Compliance

- a. PG&E Chemistry Laboratory, DCP, Avila Beach, California
- b. Aquatic Bioassay Consultants, Ventura, California
- c. FGL Analytical, Santa Paula, California
- d. PG&E, Technological and Environmental Services, Geotechnical Laboratory, San Ramon, California
- c. Creek Environmental, San Luis Obispo, California
- d. Columbia Analytical Services, Kelso, Washington

4. Sanitary Wastewater Treatment System (Discharge 001N)

The Sanitary Wastewater Treatment System (001N) is maintained and operated under contract by ECO Resources, Inc. The employees of ECO Resources are qualified by the State of California and hold the certifications identified below:

- a. Randy Johnson Grade 5, #8873
- b. James Wysong Grade 2, #8448
- c. Scott Spencer Grade 2, #7349

5. Review of Compliance Record and Corrective Actions

a. Circulating Water Pump Chlorination/Acti-Brom Monitoring

The 2000 quarterly NPDES reports discuss instances in which required monitoring for some chlorination cycles was not successfully performed or when Ocean Plan limits may have been exceeded. Listed below is a summary of the incidents. A brief description of the cause of each incident is included.

The quarterly reports describe each of the incidents and corrective actions taken. Engineering evaluations (approved by the CCRWQCB 1/13/94; PG&E Letter No. DCL-94-002) for each event are also described in the quarterly reports. The evaluations conclude that discharge chlorine limits would not have been expected to be exceeded in the cases when the monitoring was not performed.

| Date | Chlorination Cycle Monitoring Incidents | Cause |
|-------------------|---|---|
| 2/10/00 – 2/11/00 | Unit 2 1300 hrs, 1700 hrs, 2100 hrs, 0100 hrs, 0500 hrs, 0900 hrs injection cycles not monitored. Monitor aligned to standard bottle not discharge. | Personnel error during standards check of the monitor on 2/10/00. |
| 4/18/00 | Both Unit 1 and Unit 2 monitors were receiving low flow. Immediately corrected. | Clogging of the sample lines with biofouling material. |

b. Drains of Closed Cooling Water Systems

PG&E received concurrence from the CCRWQCB in response to a letter dated July 19, 1995 (PG&E Letter DCL-95-156), to use the biocides glutaraldehyde and isothiazoline to control microbiological growth and corrosion in DCP's closed cooling water systems. Any drainage

from these systems is discharged at a flowrate such that the chronic toxicity level is below the "No Observable Effect Concentration" (NOEC) at NPDES Discharge 001. The volumes of cooling water drained in 2000 from the component cooling water (CCW), intake cooling water (ICW), and service cooling water (SCW) systems are presented below. The glutaraldehyde and isothiazoline concentrations are system concentrations not discharge concentrations.

| Date | System | Volume (gal) | Glutaraldehyde (mg/l) | Isothiazoline (mg/l) | Reason & Comment |
|-----------|----------------|--------------|-----------------------|----------------------|--|
| 1/20/2000 | Unit 1 ICW | 7300 | 150 | 10 | Routine maintenance. |
| 3/4/2000 | Unit 2 SCW | 150 | 150 | 10 | System leakage. Repaired upon discovery. |
| 9/19/00 | Unit 1 SCW | 550 | 17 | 0 | Routine maintenance. |
| 10/17/00 | Unit 1 CCW | 12,800 | 80 | 0 | Routine maintenance. |
| 12/05/00 | Unit 1 & 2 SCW | 10 | 46 | 0 | Routine maintenance. |
| 12/14/00 | Unit 2 ICW | 6500 | 15 | 0 | Routine maintenance. |
| 12/19/00 | Unit 2 CCW | 260 | <10 | 0 | Routine maintenance. |

- c. PG&E injected sulfur hexafluoride (SF6) into DCCP's condensers to detect saltwater leaks on four occasions during 2000. CCRWQCB's Sorrel Marks concurred during conversations held in May 1996 that periodic use of SF6 would not increase DCCP's probability of exceeding NPDES permit limitations.

| Date | Number of Injections | Duration (sec) | Injection Rate of SF6 (Standard Cubic Feet per Minute) |
|------------|----------------------|----------------|--|
| 2/23/2000 | 10 | 200 | 10 |
| 3/3/2000 | 7 | 210 | 10 |
| 3/23/2000 | 4 | 120 | 8 |
| 12/02/2000 | 4 | 30 | 10 |

- d. July

Influent and discharge 001 annual sampling for 2000, normally performed in October and reported in the fourth quarter report, was combined with sampling to support the amended permit renewal application. The results for annual sample parameters from this combined sampling were therefore reported in the July DMSR. Since this sampling event satisfied all of the necessary annual sampling for Discharge 001, the July reported results were used in lieu of additional sampling in October.

- e. October

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 001F. Since the tanks were essentially composites of the cleaning solutions and rinses, grab samples were used instead of composite samples to more accurately characterize the contents of the tanks.

B. Monitoring of Receiving Water

1. Ecological Studies at Diablo Canyon

Marine ecological monitoring was continued during 2000 under the 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). Results of 1999 RWMP data were submitted to the CCRWQCB on September 29, 2000. A table in Appendix 4 summarizes requirements and completed tasks for 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 are 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

During 2000, DCPD continued its integrated Acti-Brom and "foul release coating" strategy to control macrofouling in the Circulating Water System (CWS). Acti-Brom is a sodium bromide solution with an added biodispersant that is used, in combination with sodium hypochlorite, to control settlement and growth of biofouling organisms. The program consists of six daily 20 minute injections (at four hour intervals) of a 1:1 molar ratio blend of Acti-Brom and sodium hypochlorite to all four of DCPD's intake conduits. Injection rates are adjusted to produce a nominal 200 ppb total residual oxidant (TRO) level in each treated conduit. The corresponding concentration measured at DCPD's discharge ranges from approximately 20 ppb to 60 ppb. In conjunction with the Acti-Brom treatment, untreated portions of the CWS were previously painted with a non-toxic "foul release coating" to help prevent attachment of fouling organisms.

Simultaneous hypochlorite and Acti-Brom treatment of both Unit 1 conduits continued through the first and second quarters with brief interruptions due to a Unit 1 tunnel cleaning (April) and a power outage (May). These macrofouling injections continued throughout the third quarter before being terminated at the beginning of July in anticipation of the 1R10 refueling outage (start date: October 8, 2000). Twice daily injections of hypochlorite only were initiated until 1R10 to control microfouling in the condenser tubes. Simultaneous hypochlorite and Acti-Brom injections were restarted after 1R10 in the first half of November and remained on throughout the remainder of the fourth quarter.

Simultaneous hypochlorite and Acti-Brom treatment of both Unit 2 conduits continued throughout the year with brief interruptions due to maintenance and storm related activities. In May injections to both conduits were terminated due to a power outage. In September injections were not done for conduit 2-2 for about 13 days due to condenser repair, and for conduit 2-1 for one day due to condenser cleaning. Fourth quarter interruptions included maintenance activities at the intake (October 12), condenser cleaning (October 21), 2-1 tunnel cleaning (December 7-10) and storm waves (December 22).

APPENDIX 1

DIABLO CANYON POWER PLANT

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

APPENDIX 2

TABULAR SUMMARIES OF INFLUENT AND EFFLUENT MONITORING

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

DISCHARGE 001

| Month | TEMPERATURE (DEG F) | | | | | | DELTA T | | FLOW (MGD) | | |
|--------|---------------------|------|------|----------|------|------|---------|------|------------|------|------|
| | INFLUENT | | | EFFLUENT | | | high | avg | high | low | avg |
| | high | low | avg | high | low | avg | | | | | |
| JAN | 53.6 | 51.5 | 52.8 | 73.6 | 61.4 | 72.4 | 20.4 | 19.6 | 2503 | 2503 | 2503 |
| FEB | 55.7 | 53.4 | 54.7 | 75.8 | 73.0 | 74.8 | 20.6 | 20.1 | 2503 | 2503 | 2503 |
| MAR | 55.1 | 49.5 | 51.5 | 73.6 | 69.0 | 71.0 | 20.4 | 19.5 | 2503 | 2503 | 2503 |
| APR | 53.9 | 48.3 | 50.7 | 73.2 | 68.1 | 70.1 | 19.8 | 19.4 | 2485 | 1969 | 2468 |
| MAY | 52.5 | 47.9 | 49.6 | 69.4 | 64.5 | 67.5 | 19.9 | 17.9 | 2485 | 1279 | 2079 |
| JUN | 58.6 | 49.0 | 54.1 | 77.5 | 67.9 | 72.9 | 19.3 | 18.8 | 2503 | 2503 | 2503 |
| JUL | 54.3 | 50.7 | 52.8 | 73.6 | 69.7 | 71.8 | 19.4 | 19.0 | 2503 | 1698 | 2477 |
| AUG | 55.1 | 52.3 | 53.8 | 74.7 | 71.1 | 73.1 | 20.1 | 19.4 | 2481 | 2481 | 2481 |
| SEP | 60.6 | 53.1 | 56.3 | 80.1 | 68.3 | 74.8 | 20.3 | 18.5 | 2503 | 1342 | 2214 |
| OCT | 58.8 | 53.5 | 56.3 | 78.7 | 72.6 | 76.4 | 20.9 | 20.1 | 2504 | 1158 | 1575 |
| NOV | 57.5 | 52.7 | 54.1 | 75.0 | 66.7 | 70.5 | 20.2 | 16.4 | 2504 | 1034 | 2066 |
| DEC | 56.2 | 53.8 | 54.9 | 76.3 | 67.5 | 73.7 | 20.4 | 18.8 | 2504 | 1645 | 2433 |
| limit: | - | - | - | - | - | - | 22 | - | 2760 | - | - |

The INFLUENT and EFFLUENT "high" and "low" values correspond to the highest and lowest daily average value for that month. The INFLUENT high and low does not necessarily correspond to the same day as the high and low for the EFFLUENT for that month. The "avg" for INFLUENT and EFFLUENT is the average for the entire month. The Monthly Delta T "high" is the highest Delta T for a day of the month based on daily average INFLUENT and EFFLUENT values. The "Avg" is calculated from INF and EFF monthly avg values.

DISCHARGE 001

| Month | TOTAL RESIDUAL CHLORINE (daily avg. ug/l) | | | TOTAL CHLORINE USED (lbs/day) | | |
|-------|--|------|-----|----------------------------------|-----|-----|
| | high | low | avg | high | low | avg |
| JAN | 41 | < 10 | 15 | 576 | 479 | 526 |
| FEB | 46 | < 10 | 30 | 606 | 527 | 587 |
| MAR | 65 | < 10 | 24 | 606 | 456 | 520 |
| APR | 67 | < 10 | 31 | 622 | 230 | 511 |
| MAY | 45 | < 13 | 25 | 576 | 43 | 428 |
| JUN | 39 | 12 | 23 | 912 | 466 | 621 |
| JUL | 49 | < 10 | 24 | 879 | 362 | 515 |
| AUG | 41 | 15 | 24 | 619 | 321 | 544 |
| SEP | 54 | < 10 | 28 | 629 | 115 | 485 |
| OCT | 56 | < 10 | 19 | 538 | 130 | 359 |
| NOV | 36 | < 10 | 24 | 590 | 403 | 470 |
| DEC | 59 | 15 | 33 | 614 | 394 | 516 |

Note that the residual chlorine limits in Permit CA0003751, Order 90-09 is a daily max of 200 ug/l and includes a time-based limit (per the Ocean Plan) which depends on the length of the respective chlorination cycle.

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

DISCHARGE 001

| Month | CHROMIUM | | METALS (avg. ug/l) COPPER | | NICKEL | | *ZINC | |
|--------|----------|----------|------------------------------|----------|----------|----------|----------|----------|
| | Influent | Effluent | Influent | Effluent | Influent | Effluent | Influent | Effluent |
| JAN | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| FEB | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| MAR | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| APR | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | 12 | ND(10) |
| MAY | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | 16 | ND(10) |
| JUN | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| JUL | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | 16 | 13 |
| AUG | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| SEP | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| OCT | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| NOV | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| DEC | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) | ND(10) |
| limit: | 10 | - | 10 | - | 30 | - | 70 | - |

* Note: Influent zinc has been historically higher than effluent concentrations. To date the reason is not known. These instantaneous values are compared against the most conservative limits (6-month median).

**DISCHARGE 001
VARIOUS ANNUAL ANALYSES**

| Parameter | (ug/l) | | 6-Mo. Med. Effluent Limit |
|--------------------------------------|----------|----------|---------------------------------|
| | Influent | Effluent | Limit |
| Arsenic | ND(5) | ND(5) | 30 |
| Cadmium | ND(1) | ND(1) | 10 |
| Cyanide | ND(10) | ND(10) | 30 |
| Lead | ND(1) | ND(1) | 10 |
| Mercury | ND(0.2) | ND(0.2) | 0.2 |
| Silver | ND(1) | ND(1) | 2.9 |
| Titanium | - | ND(5) | none |
| *Phenolic Cmpds (non-chlorinated) | ND(80) | ND(80) | 150 |
| **Phenolic Cmpds (chlorinated) | ND(45) | ND(45) | 10 |
| ***PCB's | ND(1.4) | ND(1.4) | none |

Note: Annual samples were collected in July

*Result for each of 6 target compounds was below the respective reporting limit.

**Result for each of 5 target compounds was below the respective reporting limit.

***Result for each of 7 target compounds was below the respective reporting limit.

DISCHARGE 001

AMMONIA (as N) (ug/l)

| Month | Influent | Effluent |
|-----------------------|----------|----------|
| JAN | ND(200) | ND(200) |
| FEB | | |
| MAR | | |
| APR | ND(200) | ND(200) |
| MAY | | |
| JUN | | |
| JUL | ND(50) | ND(50) |
| AUG | ND(200) | ND(200) |
| SEP | | |
| OCT | ND(200) | ND(200) |
| NOV | | |
| DEC | | |
| 6-month median limit: | - | 3060 |

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

MONTHLY pH (averages)

| Discharge: | 001 | | 002 | 003 | 004 | 001P |
|------------|----------|----------|-----|-----|-----|------|
| Month | Influent | Effluent | | | | |
| JAN | 8.1 | 8.1 | 8.1 | 7.9 | 8.1 | 8.1 |
| FEB | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.9 |
| MAR | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 7.8 |
| APR | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 7.8 |
| MAY | 8.1 | 8.1 | 7.9 | 7.9 | 7.9 | 7.6 |
| JUN | 7.9 | 7.9 | 8.0 | 7.9 | 7.8 | 7.5 |
| JUL | 8.0 | 8.0 | 7.9 | 7.9 | 7.9 | 7.7 |
| AUG | 8.0 | 8.0 | 8.2 | 8.2 | 8.1 | 8.1 |
| SEP | 7.9 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| OCT | 8.1 | 8.1 | 8.0 | 8.0 | 8.0 | 8.0 |
| NOV | 8.2 | 8.2 | 8.2 | 8.1 | 8.2 | 7.9 |
| DEC | 8.0 | 8.0 | 8.0 | 8.1 | 8.0 | 7.9 |

DISCHARGE 001F

| Month | GREASE & OIL (mg/l) | | SUSPENDED SOLIDS (mg/l) | |
|--------|---------------------|-----|-------------------------|-------|
| | high | avg | high | avg |
| JAN | <3 | <3 | ND(5) | ND(5) |
| FEB | <3 | <3 | ND(5) | ND(5) |
| MAR | <3 | <3 | ND(5) | ND(5) |
| APR | <3 | <3 | ND(5) | ND(5) |
| MAY | <3 | <3 | ND(5) | ND(5) |
| JUN | <3 | <3 | ND(5) | ND(5) |
| JUL | <3 | <3 | 10 | 8 |
| AUG | <3 | <3 | ND(5) | ND(5) |
| SEP | <3 | <3 | 10 | 10 |
| OCT | <3 | <3 | ND(5) | ND(5) |
| NOV | <3 | <3 | ND(5) | ND(5) |
| DEC | <3 | <3 | ND(5) | ND(5) |
| limit: | 20 | 15 | 100 | 30 |

Note: "high" limits based upon Daily Maximum limits. "avg" limits based upon Monthly Average Limits.

**DISCHARGE 001N
(Monthly Summary of Weekly Data)**

| Month | GREASE & OIL (mg/l) | | | SUSPENDED SOLIDS (mg/l) | | | SETTLEABLE SOLIDS (ml/l) | | |
|--------|---------------------|-------|-------|-------------------------|-------|-----|--------------------------|---------|---------|
| | high | low | avg | high | low | avg | high | low | avg |
| JAN | 8 | ND(5) | <5 | 29 | 15 | 21 | ND(0.1) | ND(0.1) | ND(0.1) |
| FEB | 9 | ND(5) | 5 | 19 | 7 | 12 | ND(0.1) | ND(0.1) | ND(0.1) |
| MAR | 6 | ND(5) | <5 | 8 | ND(5) | <5 | ND(0.1) | ND(0.1) | ND(0.1) |
| APR | 9 | ND(5) | <5 | 12 | 5 | 8 | ND(0.1) | ND(0.1) | ND(0.1) |
| MAY | ND(5) | ND(5) | ND(5) | 20 | 8 | 14 | ND(0.1) | ND(0.1) | ND(0.1) |
| JUN | 12 | ND(5) | <5 | 17 | ND(5) | 11 | ND(0.1) | ND(0.1) | ND(0.1) |
| JUL | 5 | ND(5) | <5 | 13 | ND(5) | 9 | ND(0.1) | ND(0.1) | ND(0.1) |
| AUG | 9 | ND(5) | <5 | 7 | ND(5) | <5 | ND(0.1) | ND(0.1) | ND(0.1) |
| SEP | ND(5) | ND(5) | ND(5) | 25 | 7 | 12 | ND(0.1) | ND(0.1) | ND(0.1) |
| OCT | ND(5) | ND(5) | ND(5) | 27 | 8 | 17 | ND(0.1) | ND(0.1) | ND(0.1) |
| NOV | 6 | ND(5) | <5 | 21 | 6 | 12 | ND(0.1) | ND(0.1) | ND(0.1) |
| DEC | 7 | ND(5) | <5 | 24 | ND(5) | 15 | ND(0.1) | ND(0.1) | ND(0.1) |
| limit: | 20 | - | 15 | - | - | 60 | 3.0 | - | 1.0 |

Note: "high" limits based upon Daily Maximum limits. "avg" limits based upon Monthly Average limits.

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

DISCHARGE 001D, H, L, F, METALS (avg. ug/l)

| Month | 001D | | | | 001 H | | | | 001L | | | | 001F | | | |
|-------|--------|-------|--------|--------|--------|-------|--------|-----|--------|-------|--------|--------|--------|-------|--------|--------|
| | Ag | Cd | Cr | Cu | Ag | Cd | Cr | Cu | Ag | Cd | Cr | Cu | Ag | Cd | Cr | Cu |
| JAN | ND(10) | 14 | ND(10) | 10 | ND(10) | ND(5) | 10 | 145 | ND(10) | ND(5) | ND(10) | 10 | ND(10) | ND(5) | ND(10) | ND(10) |
| FEB | | | | | | | | | | | | | | | | |
| MAR | | | | | | | | | | | | | | | | |
| APR | ND(10) | ND(5) | ND(10) | 20 | ND(10) | ND(5) | <10 | 60 | ND(10) | ND(5) | ND(10) | ND(10) | ND(10) | ND(5) | ND(10) | 50 |
| MAY | | | | | | | | | | | | | | | | |
| JUN | | | | | | | | | | | | | | | | |
| JUL | | | | | | | | | | | | | | | | |
| AUG | ND(10) | ND(5) | ND(10) | 20 | ND(10) | ND(5) | 15 | 65 | ND(10) | ND(5) | ND(10) | 10 | ND(10) | ND(5) | ND(10) | ND(10) |
| SEP | | | | | | | | | | | | | | | | |
| OCT | ND(10) | ND(5) | ND(10) | ND(10) | ND(10) | ND(5) | ND(10) | 40 | ND(10) | ND(5) | ND(10) | ND(10) | ND(10) | ND(5) | ND(10) | ND(10) |
| NOV | | | | | | | | | | | | | | | | |
| DEC | | | | | | | | | | | | | | | | |

limit: none

Note: 001D, 001H and 001L analyses performed on quarterly composites. 001F analyses performed quarterly on a composite of weekly samples. Third quarter analyses were performed in August.

DISCHARGE 001D, H, L, F, METALS (avg. ug/l)

| Month | 001D | | | | 001 H | | | | 001L | | | | 001F | | | |
|-------|------|--------|--------|-----|---------|----|--------|--------|----------|--------|--------|--------|----------|--------|--------|--------|
| | Hg | Ni | Pb | Zn | Hg | Ni | Pb | Zn | Hg | Ni | Pb | Zn | Hg | Ni | Pb | Zn |
| JAN | 0.17 | ND(10) | ND(5) | 60 | 0.03 | 20 | ND(10) | 25 | ND(0.01) | ND(10) | ND(10) | ND(20) | ND(0.01) | ND(10) | ND(10) | ND(20) |
| FEB | | | | | | | | | | | | | | | | |
| MAR | | | | | | | | | | | | | | | | |
| APR | 0.38 | ND(10) | ND(10) | 130 | 0.12 | 20 | ND(10) | ND(20) | ND(0.01) | ND(10) | ND(10) | ND(20) | 0.03 | 40 | ND(10) | 60 |
| MAY | | | | | | | | | | | | | | | | |
| JUN | | | | | | | | | | | | | | | | |
| JUL | | | | | | | | | | | | | | | | |
| AUG | 0.05 | 10 | ND(10) | 180 | 0.025 | 20 | <10 | 40 | ND(0.01) | ND(10) | ND(10) | 15 | 0.03 | 20 | ND(10) | 40 |
| SEP | | | | | | | | | | | | | | | | |
| OCT | 0.07 | ND(10) | ND(10) | 110 | ND(0.2) | 15 | ND(10) | 35 | ND(0.01) | ND(10) | ND(10) | ND(20) | 0.02 | ND(10) | ND(10) | ND(20) |
| NOV | | | | | | | | | | | | | | | | |
| DEC | | | | | | | | | | | | | | | | |

limit: none

Note: 001D, 001H and 001L analyses performed on quarterly composites. 001F analyses performed quarterly on a composite of weekly samples. Third quarter analyses were performed in August.

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

**MONTHLY TOTAL SUSPENDED SOLIDS
Averages (mg/l)**

| Month | 001D* | 001G | 001H | 001I | 001J | 001K | 001L | 001M | 001P | 002 | 003 |
|--------|-------|-------|-------|------|-------|------|-------|--------|-------|-------|-------|
| JAN | <5 | ND(5) | 9 | | | | ND(5) | 8 | ND(5) | ND(5) | ND(5) |
| FEB | 5 | ND(5) | ND(5) | | | | ND(5) | 5 | 26 | ND(5) | 5 |
| MAR | 6 | ND(5) | ND(5) | | | | ND(5) | | 28 | ND(5) | 7 |
| APR | 13 | ND(5) | ND(5) | | | | ND(5) | ND (5) | ND(5) | ND(5) | ND(5) |
| MAY | 6 | ND(5) | ND(5) | | ND(5) | | ND(5) | | ND(5) | ND(5) | ND(5) |
| JUN | 21 | ND(5) | ND(5) | | | | ND(5) | 11 | ND(5) | ND(5) | ND(5) |
| JUL | 12 | ND(5) | 5 | | | | ND(5) | | ND(5) | <5 | 6 |
| AUG | 5 | ND(5) | ND(5) | | | | ND(5) | | 19 | ND(5) | ND(5) |
| SEP | <5 | ND(5) | ND(5) | | ND(5) | | ND(5) | | 23 | ND(5) | ND(5) |
| OCT | 7 | ND(5) | ND(5) | | ND(5) | | ND(5) | | ND(5) | ND(5) | ND(5) |
| NOV | 5 | ND(5) | ND(5) | | ND(5) | | ND(5) | 16 | ND(5) | 10 | ND(5) |
| DEC | 5 | ND(5) | ND(5) | | ND(5) | | ND(5) | | 11 | ND(5) | 5 |
| Limit: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | - |

* Discharges from 001D are batched. Monthly averages are flow weighted.

Note: No discharges occurred from 001I and 001K during 2000.

Blank spots for other discharge points indicate that no discharge occurred during that particular month.

**QUARTERLY GREASE & OIL
Averages by Month (mg/l)**

| Month | 001D* | 001G | 001H | 001I | 001J | 001K | 001L | 001M | 001P | 002 | 003 | 004 |
|--------|-------|------|------|------|------|------|------|------|------|-----|-----|-----|
| JAN | <3 | <3 | <3 | | | | <3 | <3 | <3 | <3 | <3 | <3 |
| FEB | <3 | | | | | | | | | | | |
| MAR | <3 | | | | | | | | | | | |
| APR | <3 | <3 | <3 | | | | <3 | <3 | <3 | <3 | <3 | <3 |
| MAY | <3 | | | | <3 | | | | | | | |
| JUN | | | | | | | | <3 | | | | |
| JUL | <3 | <3 | <3 | | | | <3 | | <3 | <3 | <3 | <3 |
| AUG | 6 | | | | | | | | | | | |
| SEP | | | | | 4 | | | | | | | |
| OCT | <3 | <3 | <3 | | <3 | | <3 | | <3 | <3 | <3 | <3 |
| NOV | | | | | | | | <3 | | | | |
| DEC | | | | | <3 | | | | | | | |
| Limit: | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |

* Discharges from 001D are batched. Monthly averages are flow weighted.

Note: No discharges occurred from 001I and 001K during 2000.

Blank spots for other discharge points indicate that no discharge occurred during that particular month.

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

**QUARTERLY ACUTE AND CHRONIC TOXICITY TESTING
(toxicity units, tu_a and tu_c)**

| Month | ACUTE | | *CHRONIC |
|-----------------------|-------------|----------------|-------------|
| | Test Result | 6-Month Median | Test Result |
| JAN | 0.0 | 0.0 | 1.0 |
| FEB | | | |
| MAR | | | |
| APR | | | |
| MAY | 0.0 | 0.0 | 1.0 |
| JUN | | | |
| JUL | | | |
| AUG | 0.0 | 0.0 | 1.0 |
| SEP | | | |
| OCT | | | |
| NOV | 0.0 | 0.0 | 1.0 |
| DEC | | | |
| 6-month median limit: | | 0.26 | 5.11 |

* It should be noted that this parameter is monitored for the State Ocean Plan instead of the NPDES permit. A value of 1.0 indicates no chronic toxicity.

**DISCHARGE 001N
ANNUAL ANALYSES**

| Sludge Parameter | Result | Limit |
|-------------------------|----------------|------------|
| Percent Moisture | 99% | None |
| Total Kjeldahl Nitrogen | 880 mg/kg | None |
| Ammonia (N) | 180 mg/kg | None |
| Nitrate (N) | ND(0.1) mg/kg | None |
| Total Phosphorus | 250 mg/kg | None |
| pH | 6.8 | None |
| Oil and Grease | 200 mg/kg | None |
| Boron | 1 mg/kg | None |
| Cadmium | ND(0.05) mg/kg | *10 X STLC |
| Copper | 4.6 mg/kg | 10 X STLC |
| Chromium | ND(0.1) mg/kg | 10 X STLC |
| Lead | 0.20 mg/kg | 10 X STLC |
| Nickel | 0.22 mg/kg | 10 X STLC |
| Mercury | ND(0.05) mg/kg | 10 X STLC |
| Zinc | 10 mg/kg | 10 X STLC |
| Volume | 1.61 tons | None |

Note: Annual samples were collected in October

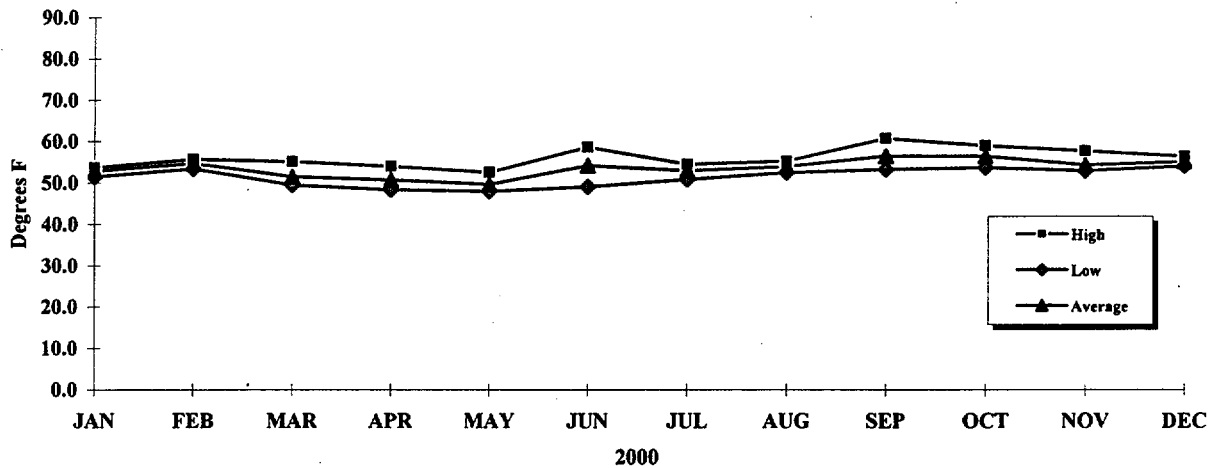
* STLC = Soluble Threshold Limit Concentration

APPENDIX 3

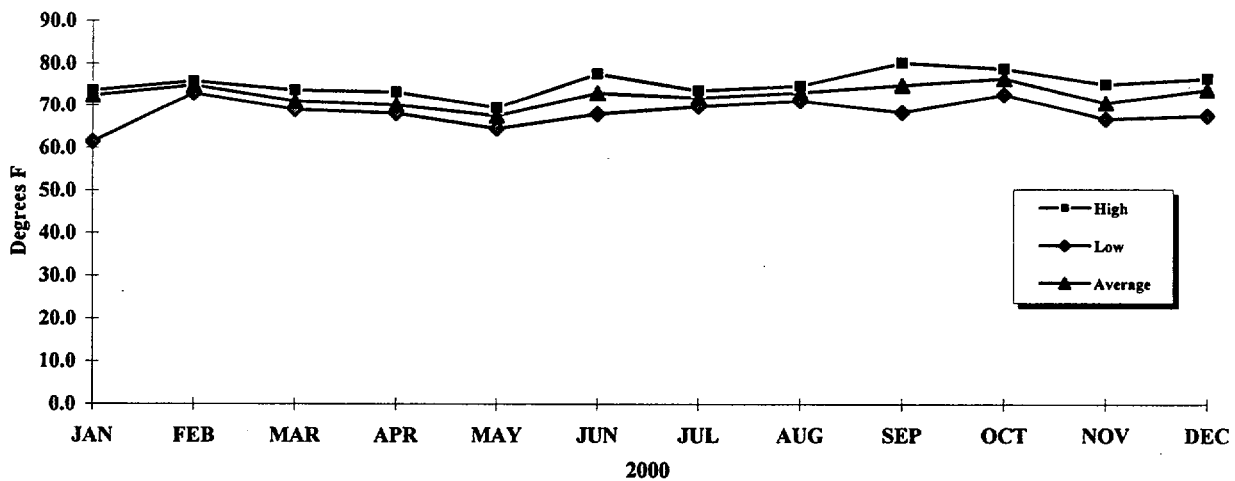
GRAPHICAL SUMMARIES OF INFLUENT AND EFFLUENT MONITORING

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

DISCHARGE 001 INFLUENT
Temperature (°F)

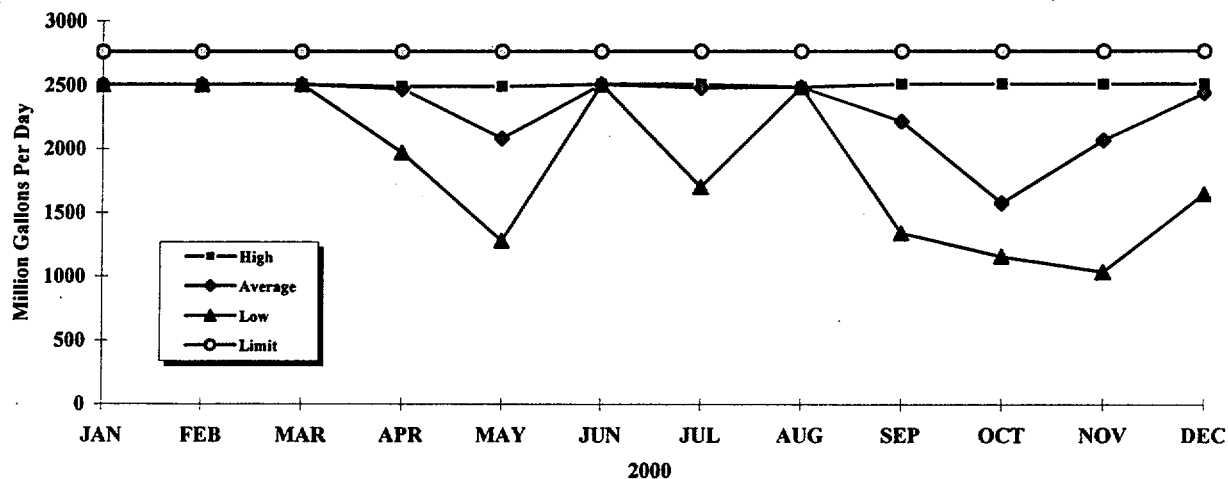


DISCHARGE 001 EFFLUENT
Temperature (°F)

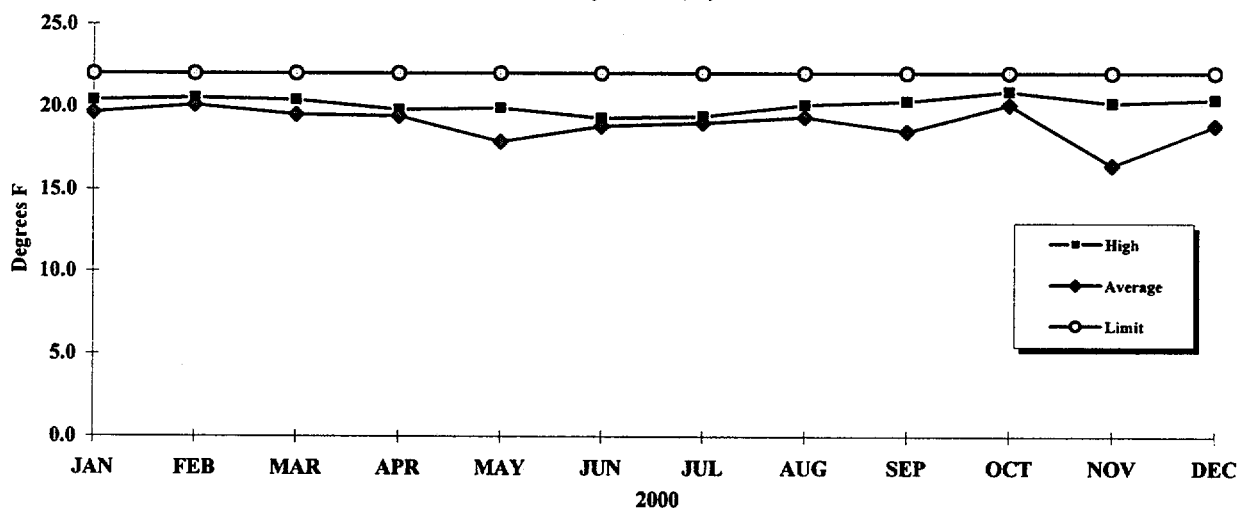


2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001 EFFLUENT
Flow (MGD)

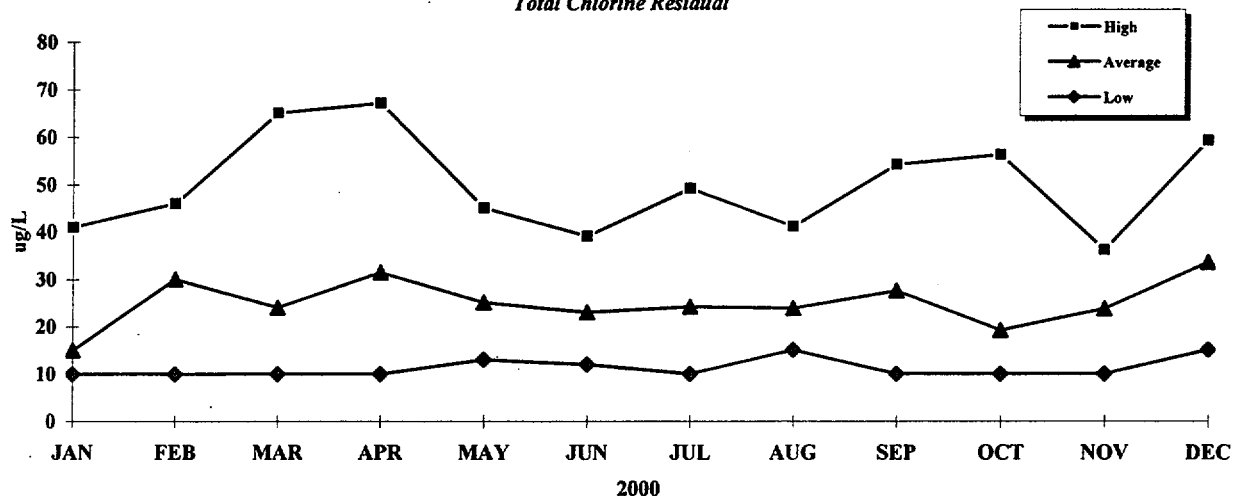


DISCHARGE 001 EFFLUENT
Monthly Delta T (°F)



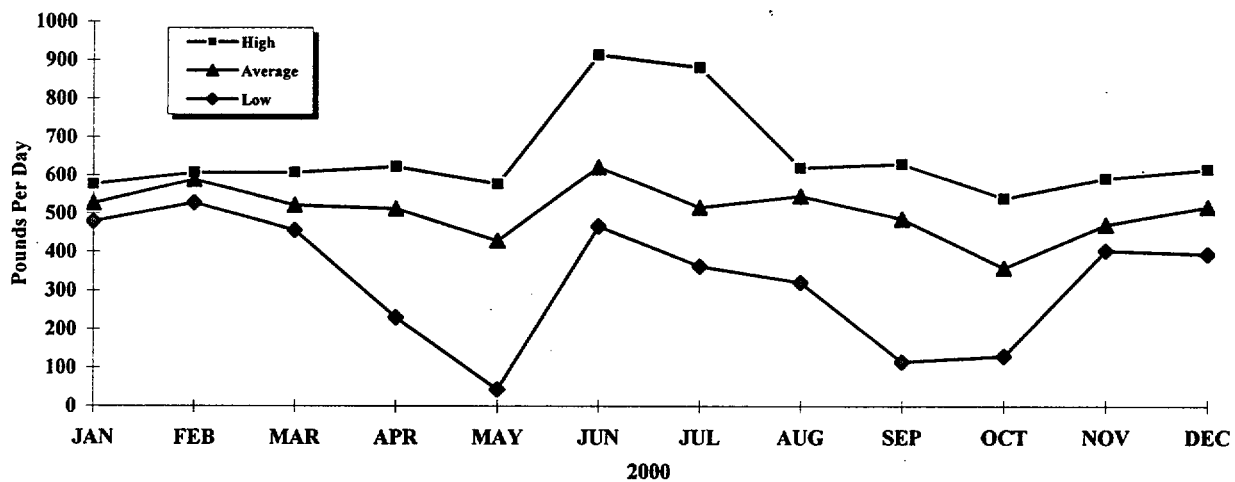
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001
Total Chlorine Residual



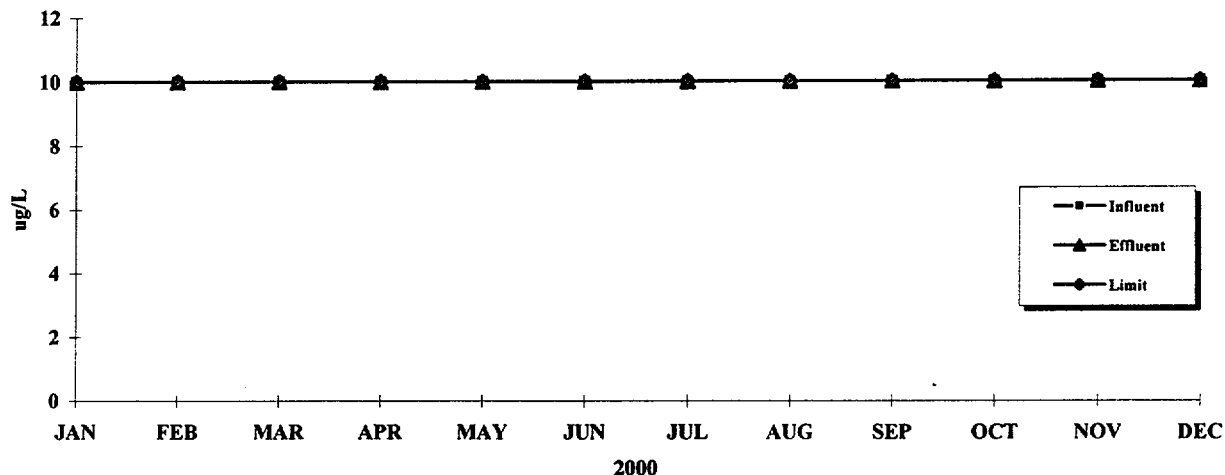
Note: Some low values are plotted at method reporting limits because the analyte was not detected.

DISCHARGE 001
Total Chlorine Used



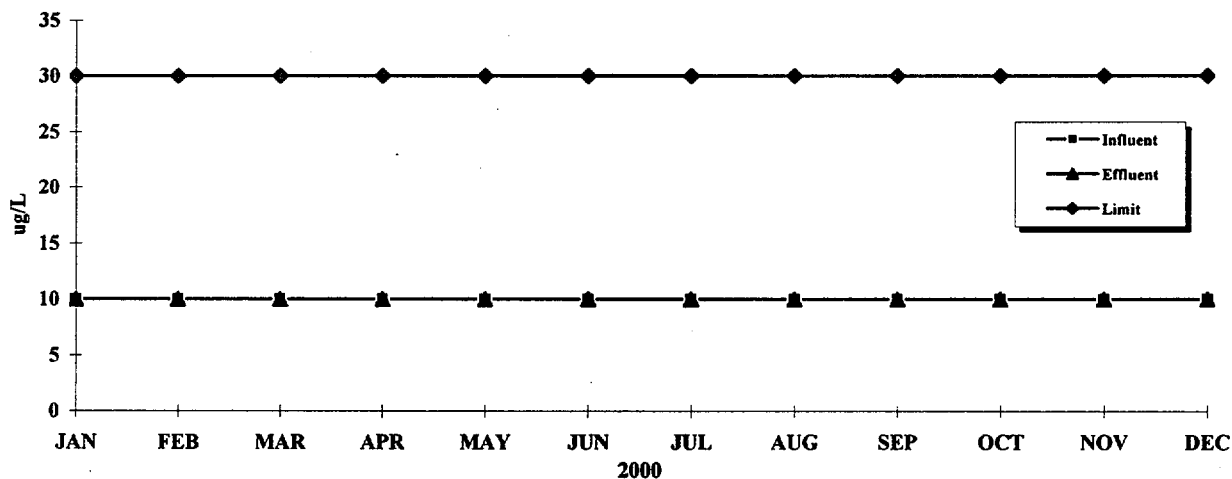
**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

DISCHARGE 001
Copper



Note: The influent and effluent data points are plotted at the method reporting limits on this chart because the analyte was not detected. These values also overlap with the most conservative limit (6-month median).

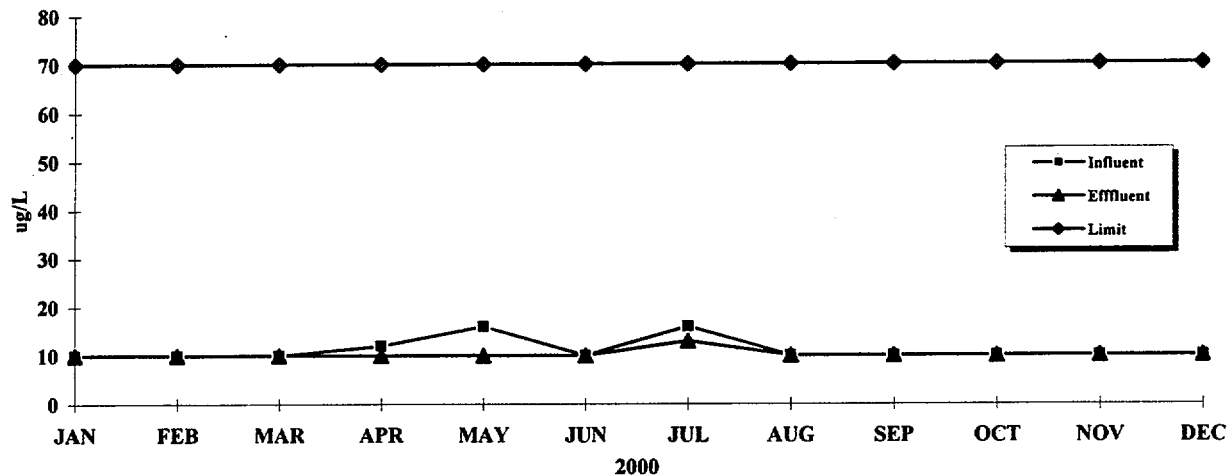
DISCHARGE 001
Nickel



Note: The influent and effluent data points overlap on this chart.
All values are plotted at the method reporting limit because the analyte was not detected.

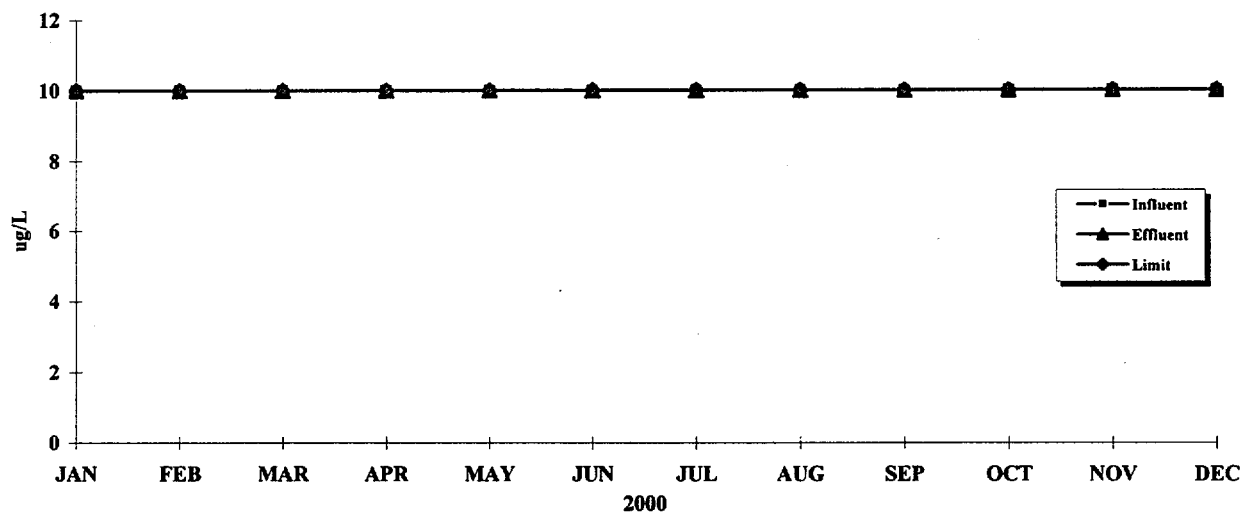
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001 Zinc



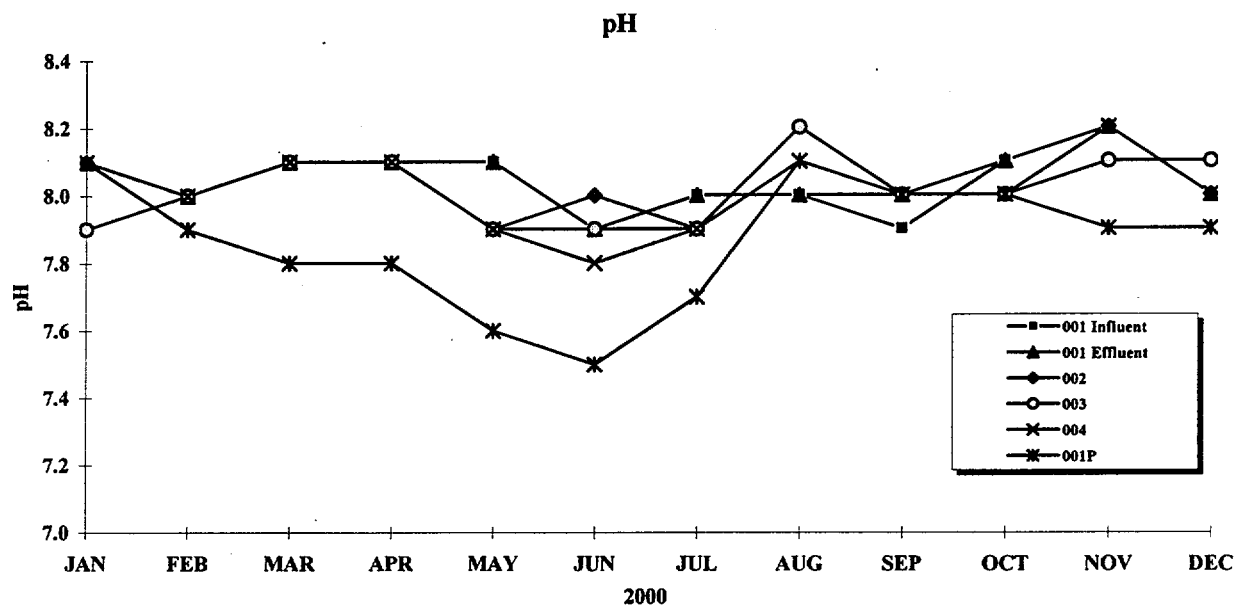
Note: Most influent and effluent data points overlap on this chart.
Most values are plotted at the method reporting limit because the analyte was not detected.

DISCHARGE 001 Chromium

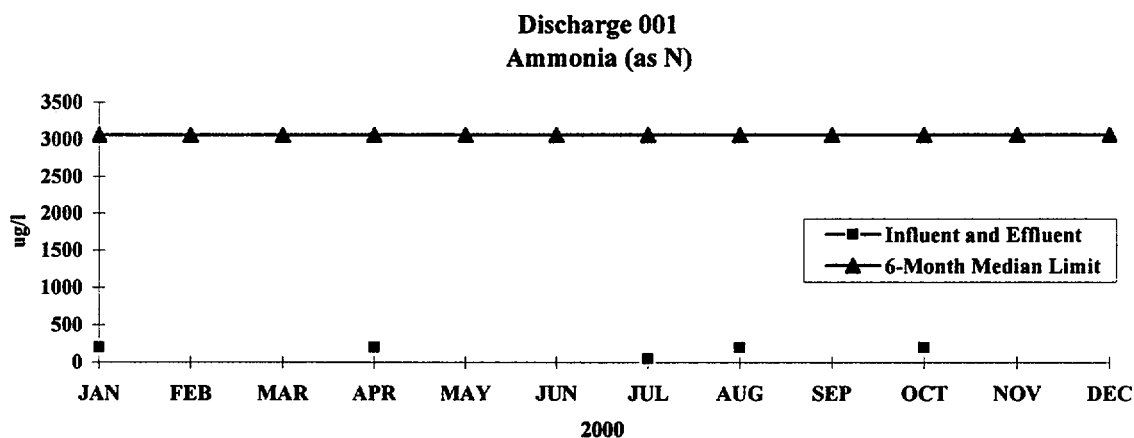


Note: The influent and effluent data points are plotted at the method reporting limits on this chart because the analyte was not detected. These values also overlap with the most conservative limit (6-month median).

2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant



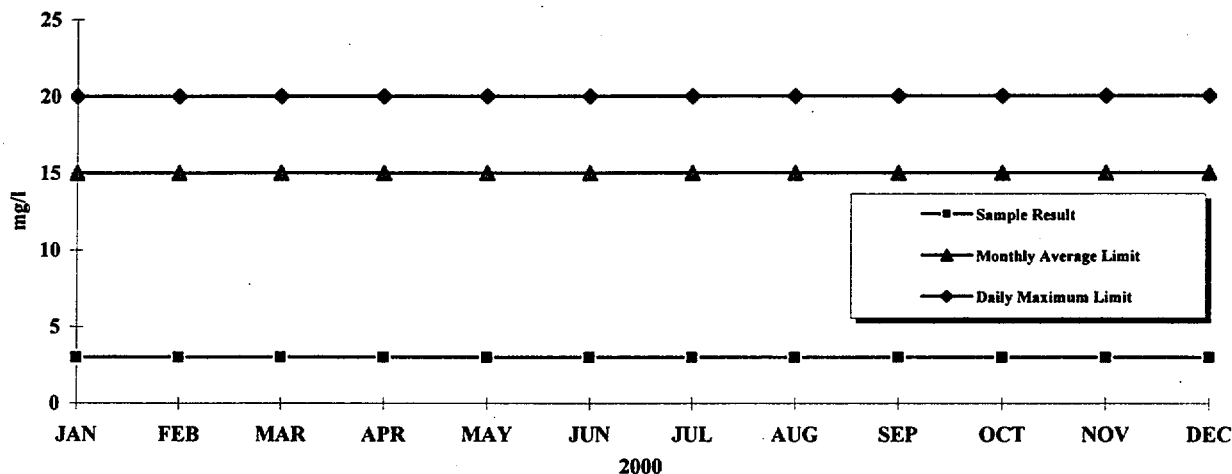
Note: Several data points on this chart overlap.



Note: All values are plotted at the method reporting limits because the analyte was not detected.

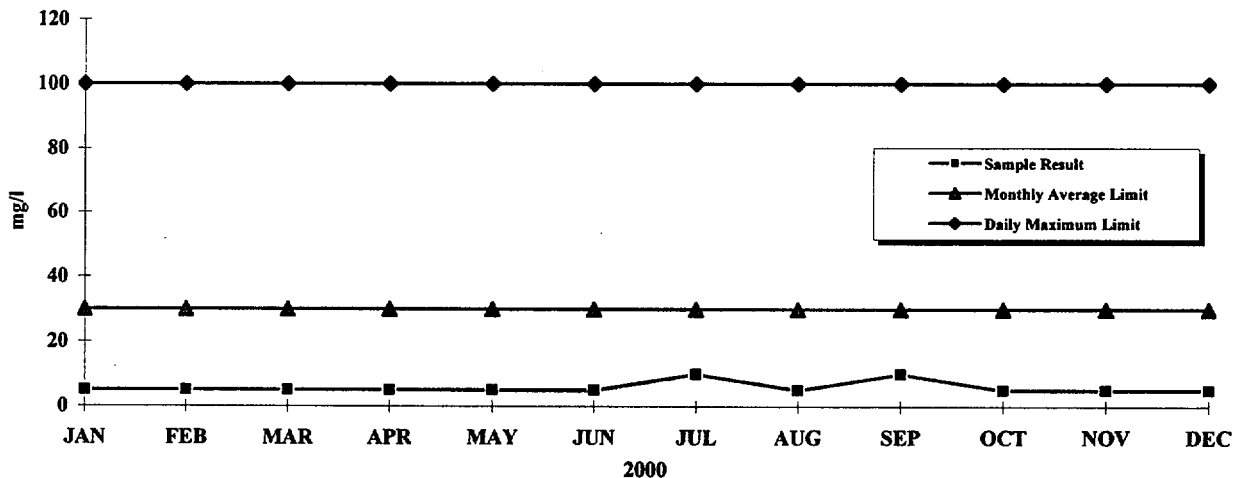
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001F *Oil & Grease*



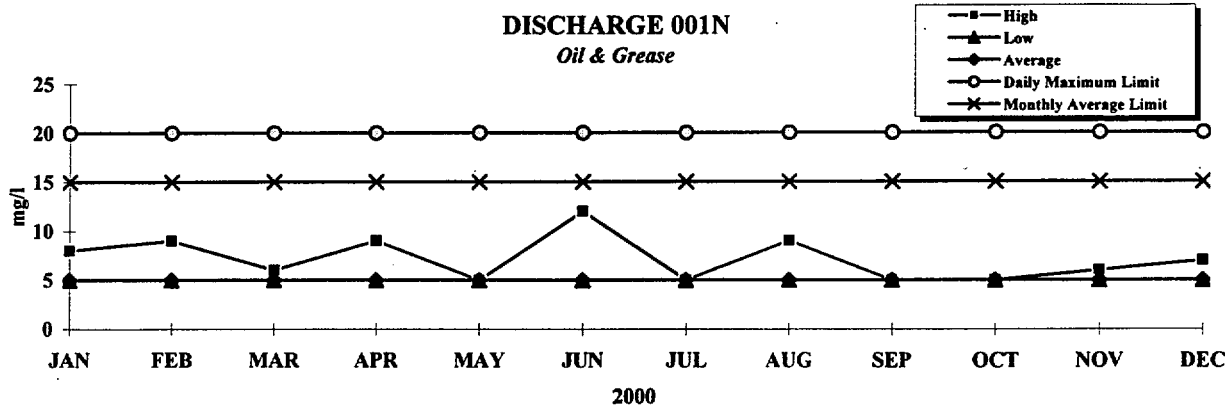
Note: All values are plotted at the method reporting limits because the analyte was not detected.

DISCHARGE 001F *Suspended Solids*

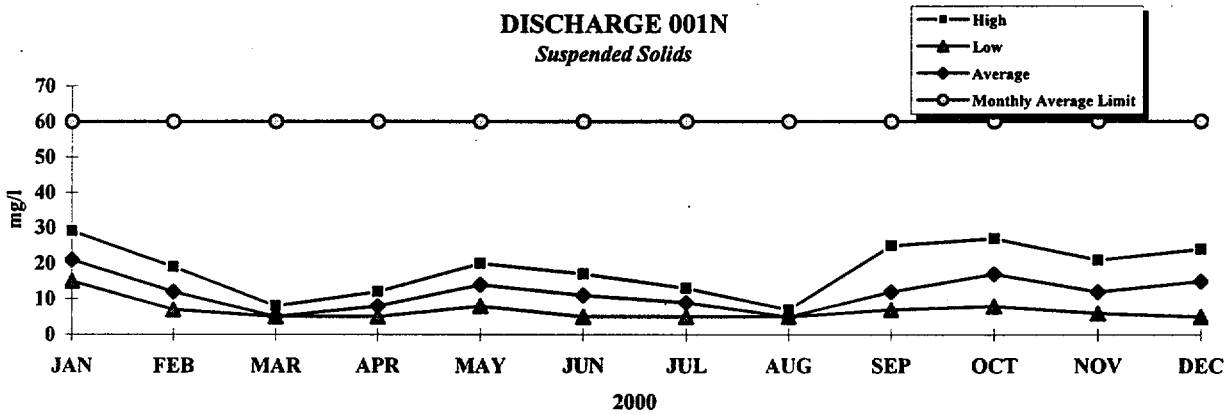


Note: Most values are plotted at the method reporting limits because the analyte was not detected. When sample values were above the detection limit, the maximum values are plotted (July and September).

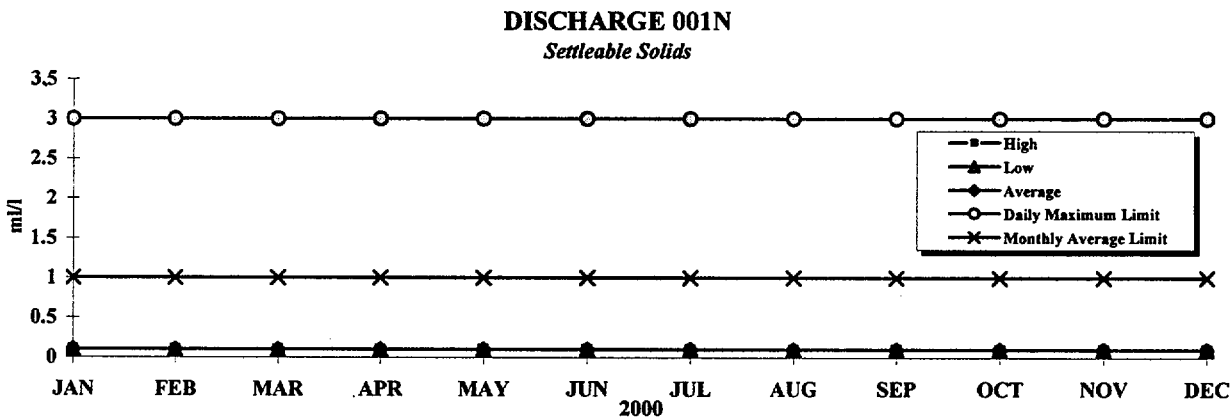
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant



Note: Most values are plotted at the method reporting limits because the analytes were not detected.
High, low, and average values overlap at four points on this plot.



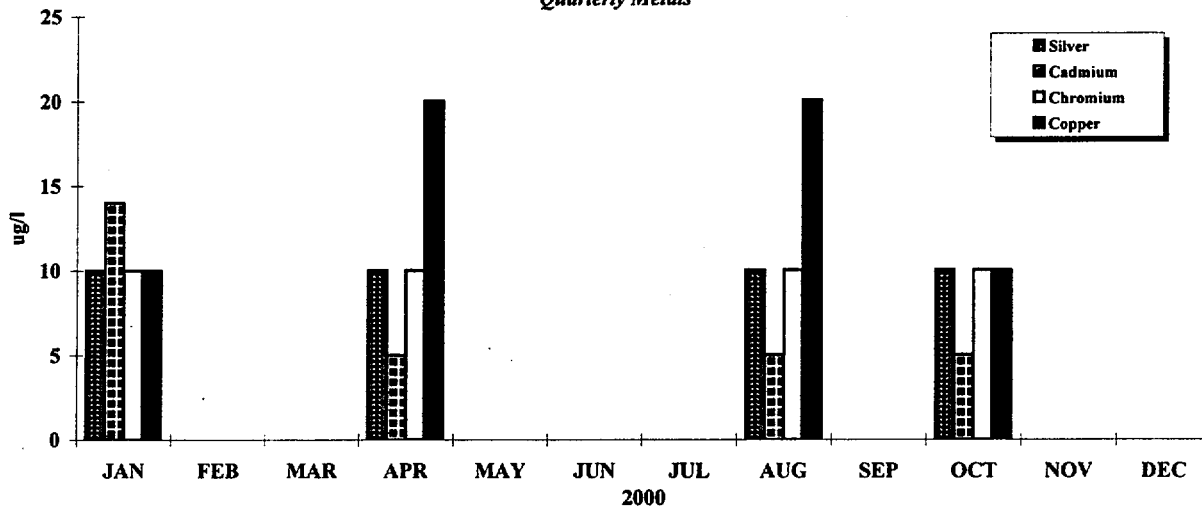
Note: Some values for monthly low are plotted at the method reporting limits because the analyte was not detected.



Note: All values are plotted at the method reporting limits because the analyte was not detected.

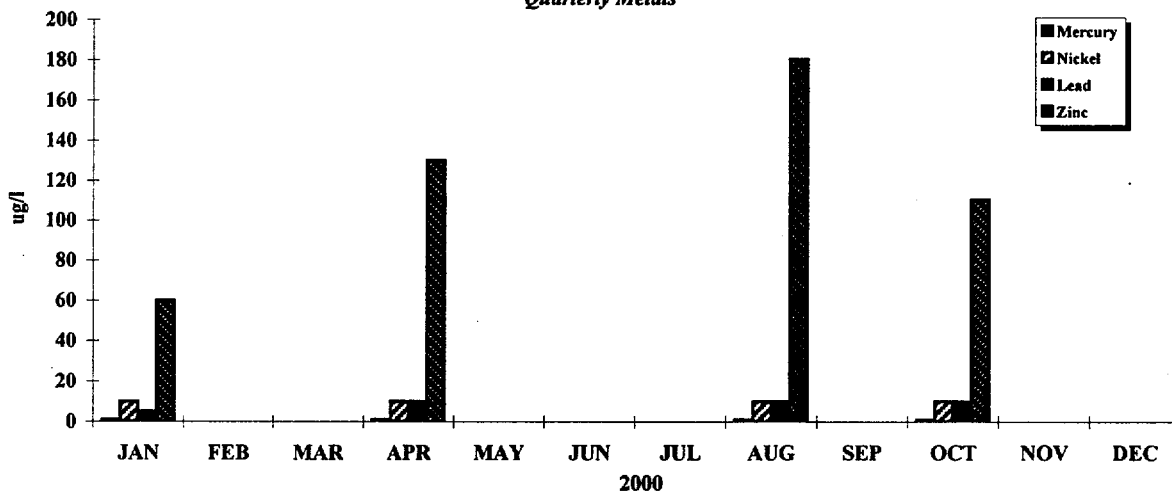
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001D
Quarterly Metals



Note: The values for Silver and Chromium are plotted at the method reporting limit because the analytes were not detected.

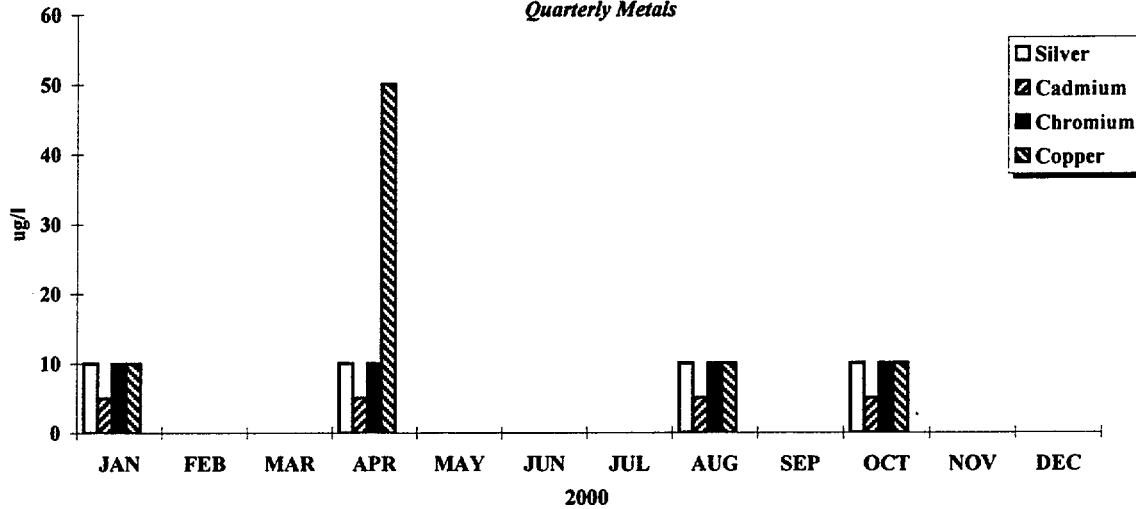
DISCHARGE 001D
Quarterly Metals



Note: The values for Lead are plotted at the method reporting limit because the analyte was not detected.

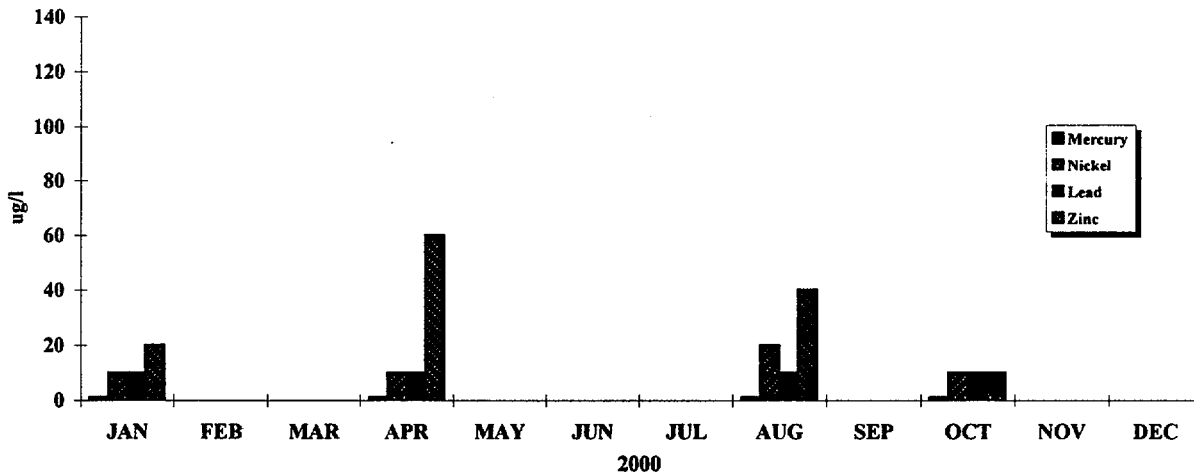
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001F
Quarterly Metals



Note: Values for silver, cadmium, and chromium are plotted at the method reporting limit because the analytes were not detected.

DISCHARGE 001F
Quarterly Metals

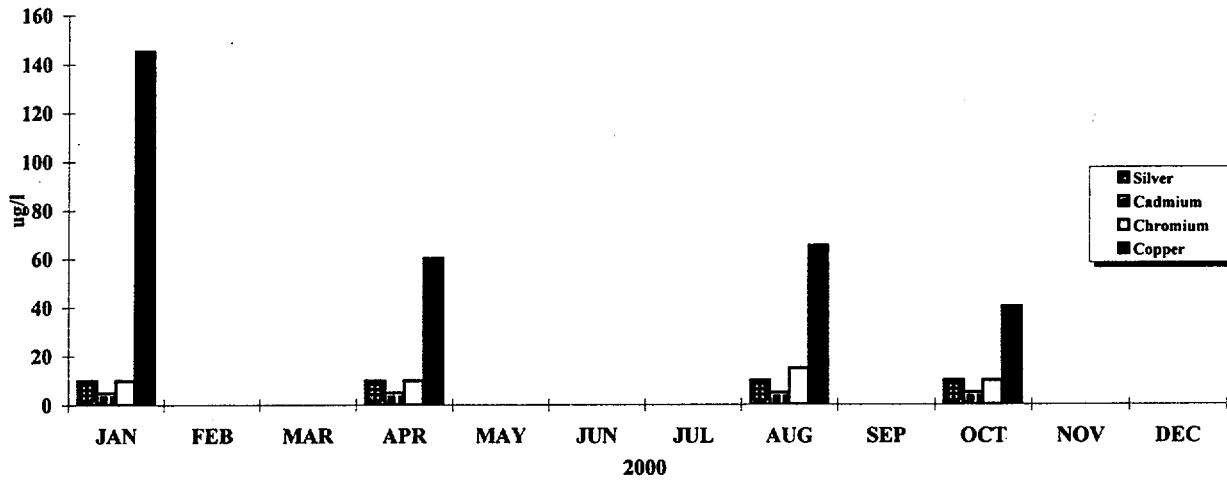


Note: Some values are plotted at method reporting limits because the analytes were not detected.

DISCHARGE 001H
Quarterly Metals

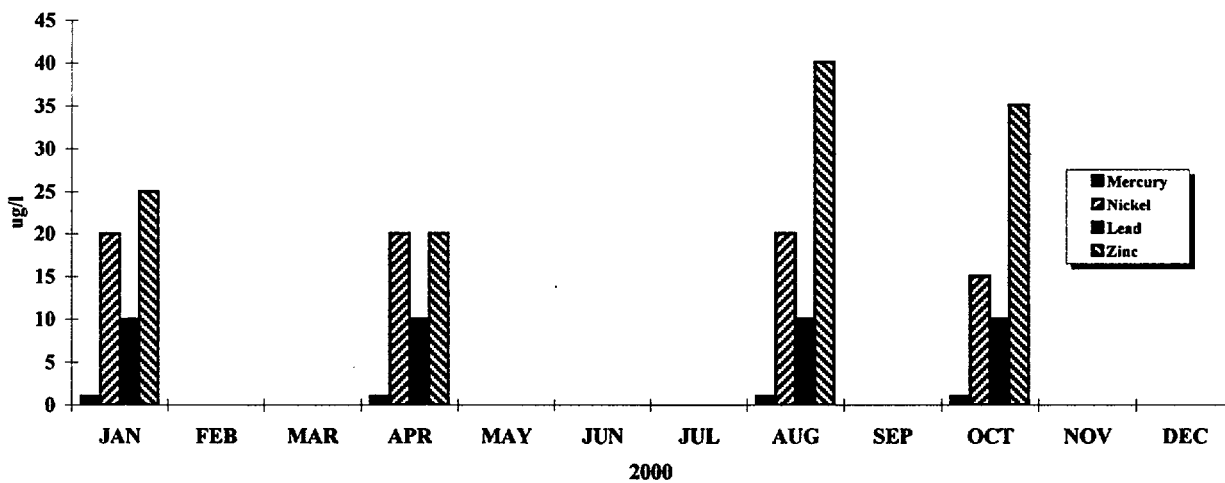
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001H *Quarterly Metals*



Note: Some values are plotted at method reporting limits because analytes were not detected.

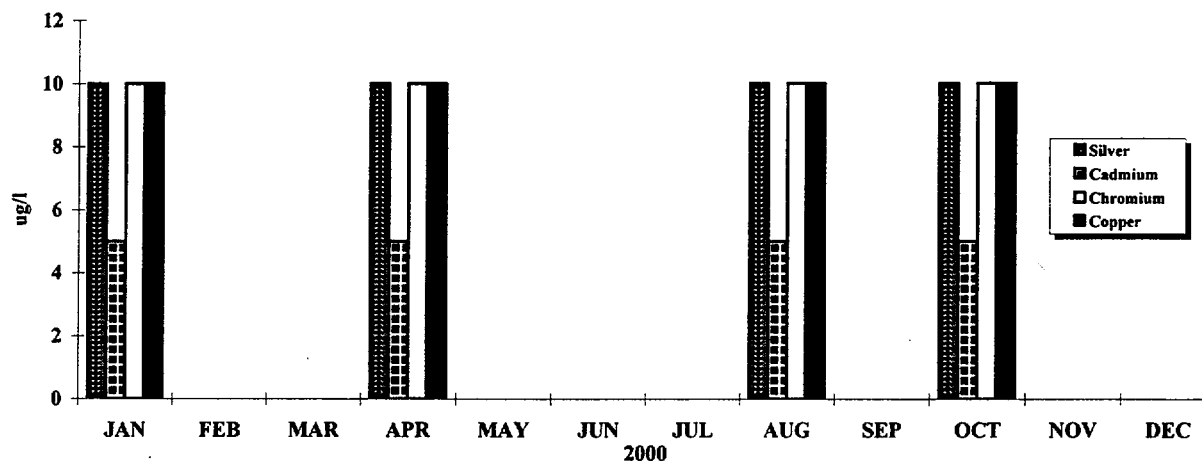
DISCHARGE 001H *Quarterly Metals*



Note: Some values are plotted at method reporting limits because analytes were not detected.

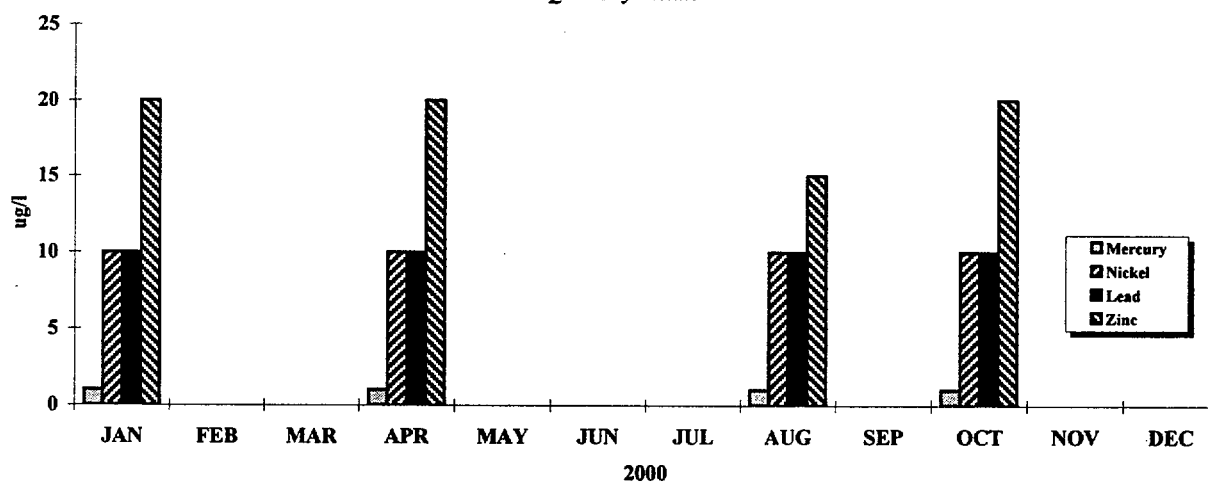
2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

DISCHARGE 001L
Quarterly Metals



Note: Values for silver and cadmium are plotted at the method reporting limit because the analytes were not detected.

DISCHARGE 001L
Quarterly Metals

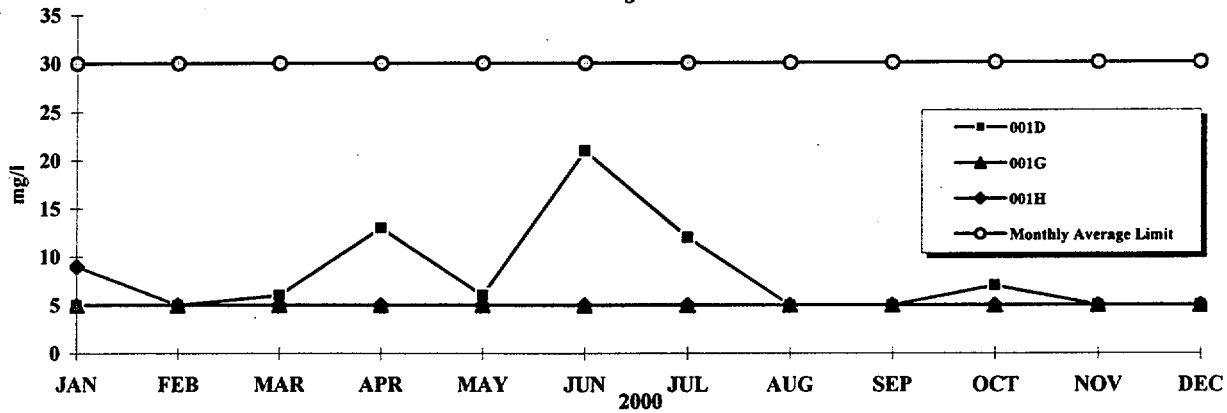


Note: Most values are plotted at method reporting limits because analytes were not detected.

2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

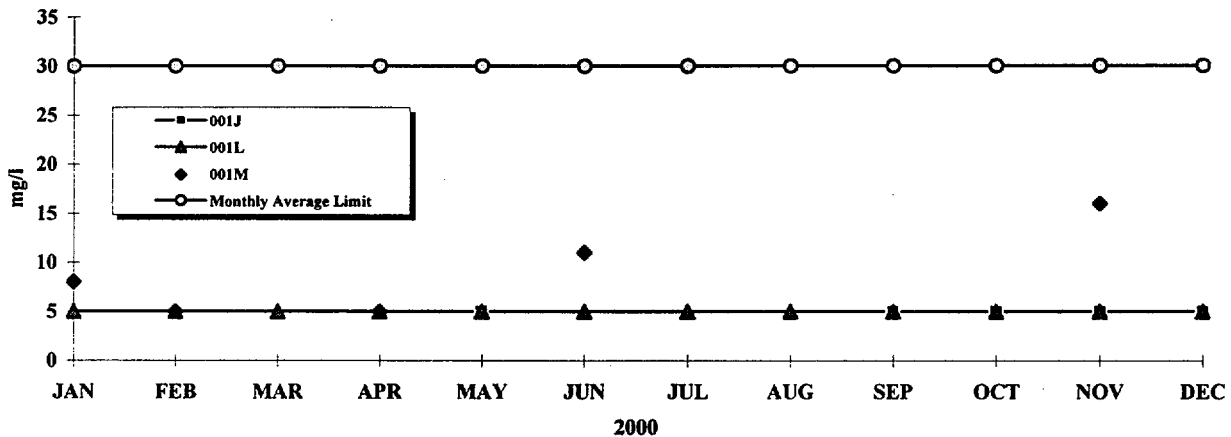
MONTHLY TOTAL SUSPENDED SOLIDS

Average



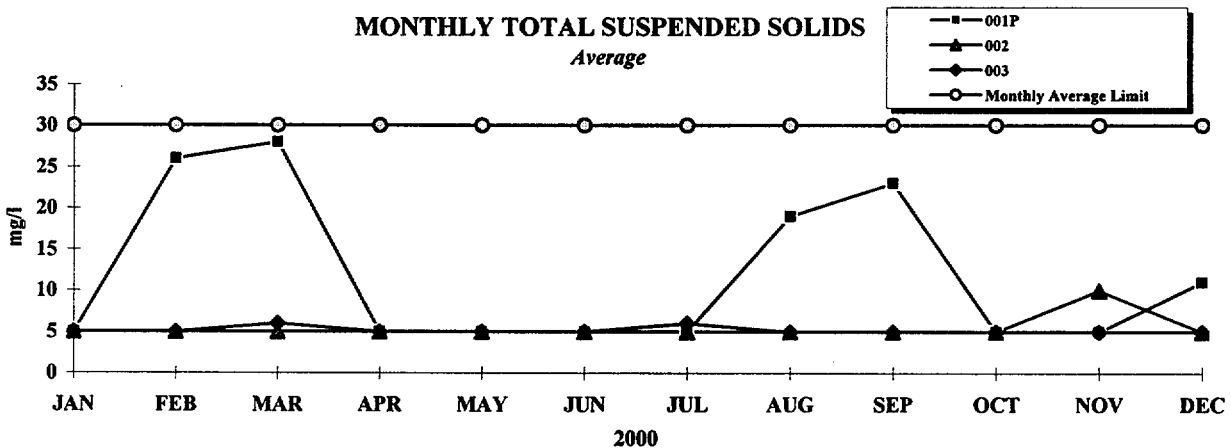
MONTHLY TOTAL SUSPENDED SOLIDS

Average



MONTHLY TOTAL SUSPENDED SOLIDS

Average

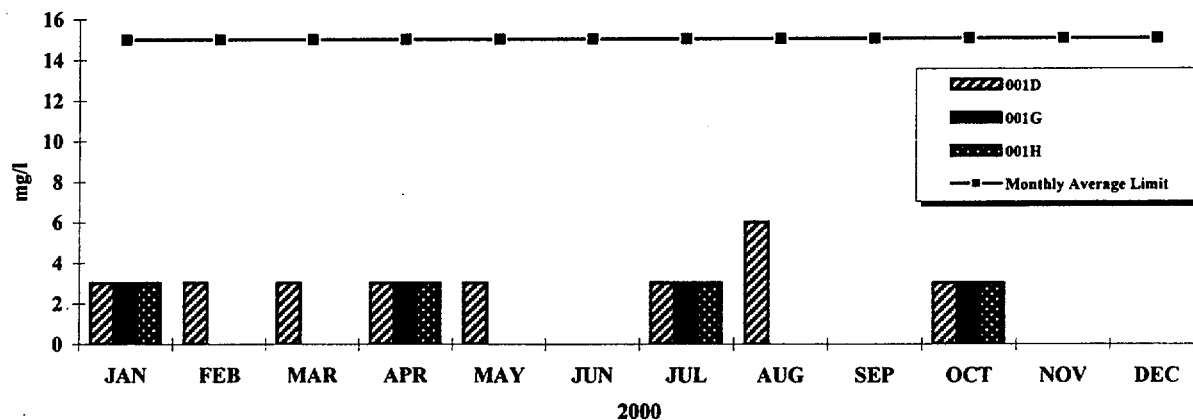


Note: Points on charts may overlap. Many values are plotted at the method reporting limit because the analyte was not detected.

2000 Annual Summary Report on Discharge Monitoring at the Diablo Canyon Power Plant

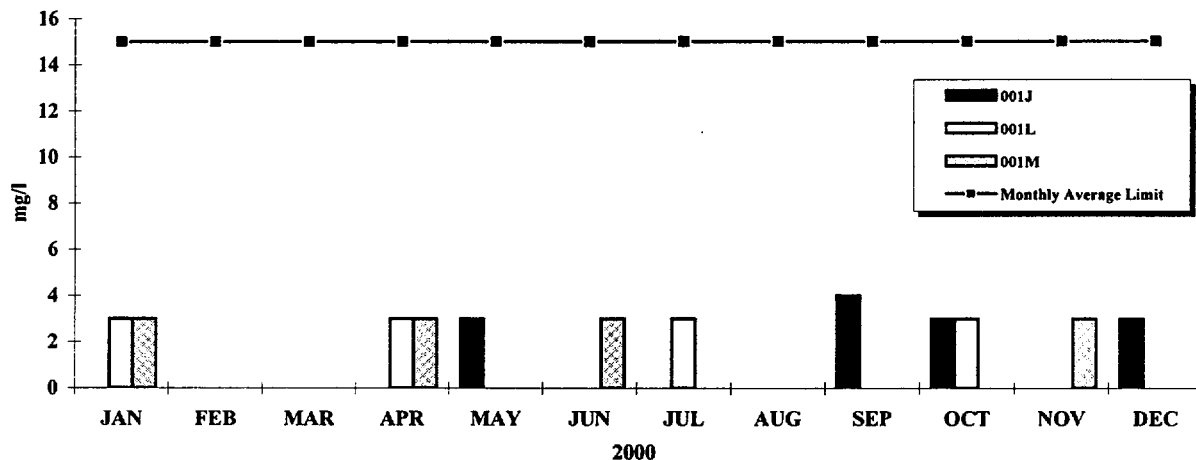
QUARTERLY OIL & GREASE

Average



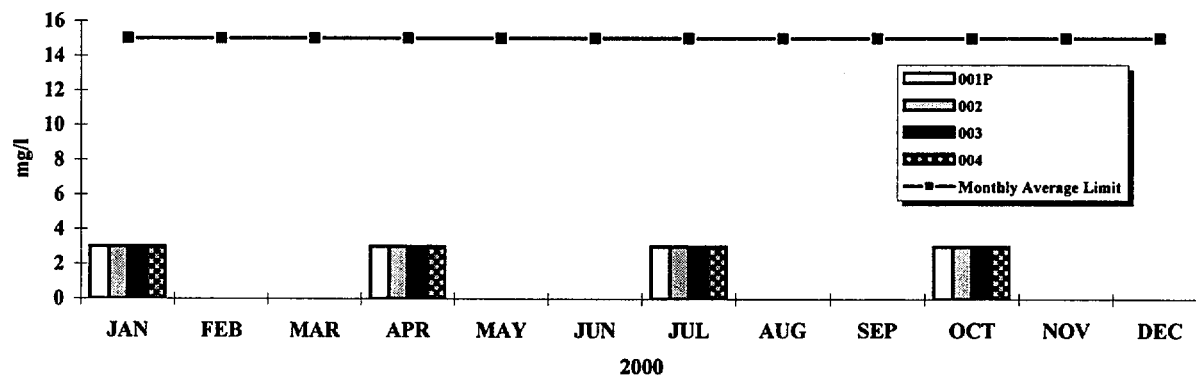
QUARTERLY OIL & GREASE

Average



QUARTERLY OIL & GREASE

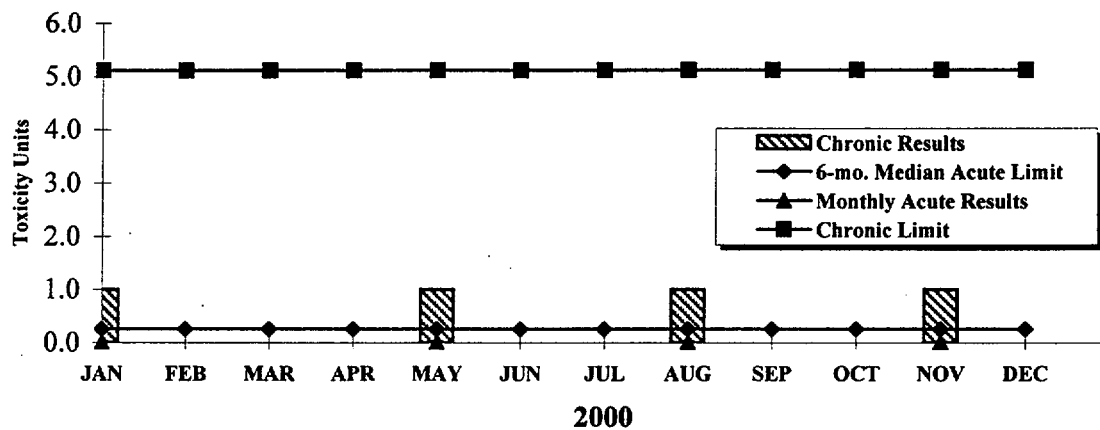
Average



Note: All values are plotted at method reporting limits because analytes were not detected.

**2000 Annual Summary Report on Discharge Monitoring
at the
Diablo Canyon Power Plant**

ACUTE AND CHRONIC TOXICITY



APPENDIX 4

SUMMARY OF RWMP MONITORING FOR 2000

| Study | RWMP Stations/ Surveys per Year | 1st Survey Completion Stations/ Dates | 2nd Survey Completion Stations/ Dates | 3rd Survey Completion Stations/ Dates | 4th Survey Completion Stations/ Dates |
|----------------------------|--|--|--|--|--|
| Horizontal Band Transects | 12 / 4x | 12 / Feb | 12 / Jun | 12 / Jul | 12 / Nov |
| Vertical Band Transects | 5 / 4x | 5 / Feb | 5 / May | 5 / Aug | 5 / Dec |
| Benthic Stations * | 8 / 4x | 8 / May | 8 / Jul | 8 / Sep | 8 / Dec |
| Fish Observation Transects | 12 / 4x | 12 / Jun | 12 / Aug | 12 / Oct | 12 / Feb 01 |
| Bull Kelp Census | * / 1x | | | | Oct |
| Temperature Monitoring | 19 / ** | Jan-Mar | Apr-Jun | Jul-Sep | Oct-Dec |

* Diablo Cove census

** Temperature measured throughout the year at 20 minute intervals (12 intertidal and 7 subtidal stations).

ENCLOSURE 2

ERRATA CONTAINING REPLACEMENT PAGES FOR FIRST AND FOURTH QUARTER 2000 NPDES DISCHARGE MONITORING REPORTS FOR DIABLO CANYON POWER PLANT

Please locate the reports listed in the Errata below and replace the incorrect pages with the corrected forms provided in this enclosure.

ERRATA: First Quarter 2000 NPDES Discharge Monitoring Report, PG&E Letter DCL-00-525, dated April 20, 2000. The replacement pages for the following errata are attached:

January, Page (M)2: The monthly high and low values for effluent 001F oil and grease are both < 3.

January, Page (M)3: The correct monthly average value for effluent 001D suspended solids is < 5.

January, Page (M)4: The monthly average, monthly high, and monthly low values for effluent 001G suspended solids are all ND(5). The monthly average, monthly high, and monthly low values for effluent 001H suspended solids are all 9.

February, Page (M)3: The correct 2nd filter value for effluent 001D suspended solids for the February 15, 2000 sample is <1.

February, Page (M)7: The correct Net value for effluent 001P suspended solids is 26.

February, Page (Q)1: The monthly average, monthly high, and monthly low values for influent chromium, influent copper, and influent nickel are all ND(10). The monthly average for effluent 001D oil and grease is a flow weighted average.

March, Page (M)2: The correct monthly average value for effluent 001N oil and grease is <5.

March, Page (M)7: The words "No Discharge" for effluent 001M suspended solids were inadvertently omitted.

March, Page (M)8: The Net value, monthly average, monthly high, and monthly low for effluent 003 suspended solids are all 7.

Fourth Quarter 2000 NPDES Discharge Monitoring Report, PG&E Letter DCL-01-504, dated January 20, 2001. The replacement pages for the following errata are attached:

October, Page (M)2: The sample results, monthly average, monthly high and monthly low for effluent 001N oil and grease are all ND(5).

October, Page (M)9: The sample results, monthly average, monthly high and monthly low for effluent 001N settleable solids are all ND(0.1).

October, Page (A)5: The sample result, monthly average, monthly high and monthly low for effluent 001N sludge nitrate are all ND(0.1).

October, Page (A)6: The sample results, monthly average, monthly high and monthly low for effluent 001N sludge cadmium, effluent 001N sludge chromium, and effluent 001N mercury are all the non-detect values: ND(0.05) for cadmium, ND(0.1) for chromium, and ND(0.05) for mercury.

November, Page (M)2: The monthly low for effluent 001N oil and grease is ND(5).

November, Page (M)9: The sample results, monthly average, monthly high and monthly low for effluent 001N settleable solids are all ND(0.1).

December, Page (M)2: The monthly low for effluent 001N oil and grease is ND(5).

December, Page (M)7: The monthly low for effluent 001N suspended solids is ND(5).

December, Page (M)9: The sample results, monthly average, monthly high and monthly low for effluent 001N settleable solids are all ND(0.1).

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.
3 402003001

YEAR / MO / DAY
BEGINNING 00 / 01 / 01

YEAR / MO / DAY
ENDING 00 / 01 / 31

STATE CODE
06

NPDES PERMIT #
CA0003751

| STATION ANALYSIS UNITS SMPL TYPE FREQ. | EFFLUENT 003 pH pH UNITS GRAB MONTHLY | EFFLUENT 004 pH pH UNITS GRAB MONTHLY | EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY | EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**) | EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***) | EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY | EFFLUENT 001 T CHLOR RES ug/l GRAB 2 per CYCLE | EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY |
|--|---|---|--|--|--|--|--|---|
| 1 | | | | | | | 12 < 10 | 552 |
| 2 | | | | | | | 12 < 10 | 552 |
| 3 | | | | | | | 12 < 10 | 552 |
| 4 | | | | | | < 3 | 12 10 | 562 |
| 5 | | 8.1 | | | | | 12 18 | 576 |
| 6 | 7.9 | | ND (5) | | | | 12 25 | 576 |
| 7 | | | | | | | 12 29 | 572 |
| 8 | | | | | | | 12 28 | 564 |
| 9 | | | | | | | 12 32 | 564 |
| 10 | | | | | | | 12 30 | 546 |
| 11 | | | | | | | 12 28 | 531 |
| 12 | | | | | | | 12 27 | 516 |
| 13 | | | 8 | | | | 12 23 | 526 |
| 14 | | | | | | | 12 14 | 546 |
| 15 | | | | | | | 12 12 | 546 |
| 16 | | | | | | | 12 10 | 546 |
| 17 | | | | | | | 12 10 | 546 |
| 18 | | | | | | | 12 < 10 | 525 |
| 19 | | | ND (5) | | | | 12 < 10 | 504 |
| 20 | | | | | | | 12 < 10 | 494 |
| 21 | | | | | | | 12 < 10 | 492 |
| 22 | | | | | | | 12 < 10 | 492 |
| 23 | | | | | | | 12 < 10 | 492 |
| 24 | | | | | | | 12 < 10 | 492 |
| 25 | | | | | | | 12 < 10 | 492 |
| 26 | | | ND (5) | | | | 12 10 | 479 |
| 27 | | | | | | | 12 33 | 483 |
| 28 | | | | | | | 12 41 | 500 |
| 29 | | | | | | | 12 35 | 492 |
| 30 | | | | | | | 12 30 | 492 |
| 31 | | | | | | | 12 31 | 492 |
| MONTHLY AVG | 7.9 | 8.1 | < 5 | NO | NO | < 3 | 15 | 526 |
| MONTHLY HIGH | 7.9 | 8.1 | 8 | DISCHARGE | DISCHARGE | < 3 | 41 | 576 |
| MONTHLY LOW | 7.9 | 8.1 | ND (5) | | | < 3 | < 10 | 479 |
| 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 Squyres

DATE

02/28/01

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: (M) 3

| | | | | | | | | | |
|--|---|--|---------------|---|---------------|------------------|---|-----------------------------|--------|
| FACILITY I.D. 3 402003001 | | YEAR / MO / DAY BEGINNING 00 / 01 / 01 | | YEAR / MO / DAY ENDING 00 / 01 / 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 | mg/1 1st FLTR | EFFLUENT 001D SUSPENDED SOLIDS mg/1 2nd FLTR GRAB MONTHLY | mg/1 NET | mg/1 1st FLTR | EFFLUENT 001F SUSPENDED SOLIDS mg/1 2nd FLTR GRAB MONTHLY | mg/1 NET | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | 7 | < 1 | 7 | 2 | < 1 | | ND(5) |
| 6 | | | 2 | | ND (5) | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | 7 | | 7 | | | | |
| 14 | | | < 1 | | ND (5) | | | | |
| 15 | | | | | | | | | |
| 16 | | | 8 | < 1 | 8 | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | 2 | | ND (5) | | | | |
| 26 | | | | | | | | | |
| 27 | | | 2 | | ND (5) | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| MONTHLY AVG | NO | NO | | | < 5 | | | | ND (5) |
| MONTHLY HIGH | DISCHARGE | DISCHARGE | | | 8 | | | | 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 AVERAGING USED

| |
|-----------------------------|
| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

| | |
|---------------------------------|----------|
| SIGNATURE OF AUTHORIZED AGENT | DATE |
| Drew Squyres <i>[Signature]</i> | 02/28/01 |

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: (M) 4

| FACILITY I.D. | | YEAR / MO / DAY | | YEAR / MO / DAY | | STATE CODE | | NPDES PERMIT # | |
|--|---------------|---|---------------|---------------------|---|---------------|--|----------------|--|
| 3 402003001 | | BEGINNING 00 / 01 / 01 | | ENDING 00 / 01 / 31 | | 06 | | CA0003751 | |
| STATION ANALYSIS UNITS SMPL TYPE FREQ. | mg/l 1st FLTR | EFFLUENT 001G SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY | mg/l NET | mg/l 1st FLTR | EFFLUENT 001H SUSPENDED SOLIDS mg/l 2nd FLTR GRAB MONTHLY | mg/l NET | | | |
| 1 | | | | 10 | 1 | 9 | | | |
| 2 | | | | | | | | | |
| 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) | | | 9 | | | | | |
| MONTHLY HIGH | ND (5) | | | 9 | | | | | |
| MONTHLY LOW | ND (5) | | | 9 | | | | | |
| 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 Squyres <i>[Signature]</i> | 02/28/01 |

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: (M) 3

FACILITY I.D.
3 402003001

YEAR / MO / DAY
BEGINNING 00 / 02 / 01

YEAR / MO / DAY
ENDING 00 / 02 / 29

STATE CODE
06

NPDES PERMIT #
CA0003751

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

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT

Drew Squyres

DATE

2/28/01

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: (M) 7

FACILITY I.D.
3 402003001

YEAR / MO / DAY
BEGINNING 00 / 02 / 01

YEAR / MO / DAY
ENDING 00 / 02 / 29

STATE CODE
06

NPDES PERMIT #
CA0003751

| STATION ANALYSIS UNITS SMPL TYPE FREQ. | EFFLUENT 001M SUSPENDED SOLIDS | | | EFFLUENT 001N SUSPENDED SLDS mg/l COMPOSITE WEEKLY | EFFLUENT 001P SUSPENDED SOLIDS | | | |
|--|-----------------------------------|----------------------------------|---------------|--|-----------------------------------|----------------------------------|---------------|--|
| | mg/l 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 | | | | | 26 | < 1 | 26 | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | 7 | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | 19 | | | | |
| 12 | | | | | | | | |
| 13 | 10 | 1 | 9 | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | 5 | < 1 | 5 | | | | | |
| 17 | | | | 10 | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | 11 | | | | |
| 26 | | | | | | | | |
| 27 | 2 | < 1 | ND (5) | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| MONTHLY AVG | 5 | | | 12 | 26 | | | |
| MONTHLY HIGH | 9 | | | 19 | 26 | | | |
| MONTHLY LOW | ND (5) | | | 7 | 26 | | | |
| 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 |
| Drew Squyres <i>[Signature]</i> | 02/28/01 |

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) 1

FACILITY I.D.
3 402003001

YEAR / MO / DAY
BEGINNING 00 / 02 / 01

YEAR / MO / DAY
ENDING 00 / 02 / 29

STATE CODE
06

NPDES PERMIT #
CA0003751

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

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT

Drew Squyres
DATE
02/28/01

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: (M) 2

| FACILITY I.D. | | YEAR / MO / DAY | | YEAR / MO / DAY | | STATE CODE | | NPDES PERMIT # | |
|---|---|---|--|--|--|--|--|---|--|
| 3 402003001 | | BEGINNING 00/03/01 | | ENDING 00/03/31 | | 06 | | CA0003751 | |
| STATION ANALYSIS UNITS SMPL TYPE FREQ. | EFFLUENT 003 pH pH UNITS GRAB MONTHLY | EFFLUENT 004 pH pH UNITS GRAB MONTHLY | EFFLUENT 001N OIL & GREASE mg/l COMPOSITE WEEKLY | EFFLUENT 001P OIL & GREASE mg/l GRAB WEEKLY (**) | EFFLUENT 003 OIL & GREASE mg/l GRAB WEEKLY (***) | EFFLUENT 001F OIL & GREASE mg/l GRAB MONTHLY | EFFLUENT 001 T CHLOR RES ug/l GRAB 2 per CYCLE | EFFLUENT 001 CHLORINE USED lbs/day RECORDED MONTHLY | |
| | * | * | * | * | * | * | * | * | |
| 1 | | 8.1 | | | | | 12 23 | 600 | |
| 2 | | | | | | < 3 | 12 37 | 606 | |
| 3 | | | ND (5) | | | | 12 40 | 606 | |
| 4 | | | | | | | 12 26 | 606 | |
| 5 | | | | | | | 12 22 | 606 | |
| 6 | | | | | | | 12 36 | 516 | |
| 7 | 8.1 | | | | | | 11 44 | 476 | |
| 8 | | | | | | | 12 43 | 570 | |
| 9 | | | | | | | 12 46 | 558 | |
| 10 | | | ND (5) | | | | 12 56 | 606 | |
| 11 | | | | | | | 12 53 | 606 | |
| 12 | | | | | | | 12 61 | 606 | |
| 13 | | | | | | | 12 65 | 606 | |
| 14 | | | ND (5) | | | | 12 64 | 574 | |
| 15 | | | | | | | 12 36 | 456 | |
| 16 | | | | | | | 12 36 | 456 | |
| 17 | | | | | | | 12 23 | 456 | |
| 18 | | | | | | | 12 < 10 | 456 | |
| 19 | | | | | | | 12 < 10 | 456 | |
| 20 | | | | | | | 12 < 10 | 456 | |
| 21 | | | | | | | 12 < 10 | 476 | |
| 22 | | | | | | | 12 < 10 | 486 | |
| 23 | | | 6 | | | | 12 < 10 | 480 | |
| 24 | | | | | | | 12 < 10 | 474 | |
| 25 | | | | | | | 12 < 10 | 474 | |
| 26 | | | | | | | 12 < 10 | 474 | |
| 27 | | | | | | | 12 < 10 | 474 | |
| 28 | | | | | | | 12 < 10 | 474 | |
| 29 | | | | | | | 12 < 10 | 474 | |
| 30 | | | | | | | 12 15 | 474 | |
| 31 | | | | | | | 12 11 | 474 | |
| MONTHLY AVG | 8.1 | 8.1 | < 5 | NO | NO | < 3 | 24 | 520 | |
| MONTHLY HIGH | 8.1 | | 6 | DISCHARGE | DISCHARGE | < 3 | 65 | 606 | |
| MONTHLY LOW | 8.1 | 8.1 | ND (5) | | | < 3 | < 10 | 456 | |
| 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

Drew Squyres

DATE

02/28/01

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: (M) 7

FACILITY I.D.
3 402003001

YEAR / MO / DAY
BEGINNING 00/03/01

YEAR / MO / DAY
ENDING 00/03/31

STATE CODE
06

NPDES PERMIT #
CA0003751

| STATION ANALYSIS UNITS SMPL TYPE FREQ. | EFFLUENT 001M SUSPENDED SOLIDS | | | EFFLUENT 001N SUSPENDED SOLDS mg/l COMPOSITE WEEKLY | EFFLUENT 001P 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 | | | | ND (5) | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | ND (5) | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | 5 | | | | |
| 15 | | | | | | | | |
| 16 | | | | | 28 | < 1 | 28 | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | | | | 8 | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| MONTHLY AVG | NO | | | < 5 | | | | 28 |
| MONTHLY HIGH | DISCHARGE | | | 8 | | | | 28 |
| MONTHLY LOW | | | | ND (5) | | | | 28 |
| 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

Drew Squyres *[Signature]*

02/28/01

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: (M) 8

| FACILITY I.D. | YEAR / MO / DAY | | | YEAR / MO / DAY | | | STATE CODE | NPDES PERMIT # |
|--|---|---------------|---------------|---|---------------|---------------|------------|----------------|
| 3 402003001 | BEGINNING | 00/03/01 | | ENDING | 00/03/31 | | 06 | CA0003751 |
| STATION ANALYSIS UNITS SMPL TYPE FREQ. | EFFLUENT 002 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY | | | EFFLUENT 003 SUSPENDED SOLIDS mg/1 1st FLTR mg/1 2nd FLTR GRAB MONTHLY | | | | |
| | mg/1 1st FLTR | mg/1 2nd FLTR | mg/1 NET | mg/1 1st FLTR | mg/1 2nd FLTR | mg/1 NET | | |
| 1 | 2 | 5 | 2 | 2 | ND (5) | | | |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | 8 | 1 | 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) | | | 7 | | | | |
| MONTHLY HIGH | ND (5) | | | 7 | | | | |
| MONTHLY LOW | ND (5) | | | 7 | | | | |
| 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 Squyres <i>[Signature]</i> DAS | 02/28/01 |

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: (M) 2

| 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 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 | | | | | | | 10 | 14 | |
| 2 | | | | | | | 10 | 20 | |
| 3 | | | | | | | 6 | 16 | |
| 4 | 8.0 | 8.0 | | | | | 6 | 23 | |
| 5 | | | ND (5) | | | | 6 | 26 | |
| 6 | | | | | | | 6 | 23 | |
| 7 | | | | | | | 6 | < 10 | |
| 8 | | | | | | < 3 | 6 | < 13 | |
| 9 | | | | | | | 6 | < 20 | |
| 10 | | | | | | | 6 | < 20 | |
| 11 | | | | | | | 5 | < 20 | |
| 12 | | | | | | | 2 | 56 | |
| 13 | | | ND (5) | | | | 6 | 56 | |
| 14 | | | | | | | 6 | 51 | |
| 15 | | | | | | | 6 | 42 | |
| 16 | | | | | | | 6 | 22 | |
| 17 | | | | | | | 6 | < 20 | |
| 18 | | | ND (5) | | | | 6 | < 20 | |
| 19 | | | | | | < 3 | 6 | 46 | |
| 20 | | | | | | | 6 | 46 | |
| 21 | | | | | | 2 < 3 | 6 | 32 | |
| 22 | | | | | | | 6 | 39 | |
| 23 | | | | | | < 3 | 6 | 32 | |
| 24 | | | ND (5) | | | | 6 | 24 | |
| 25 | | | | | | < 3 | 6 | < 20 | |
| 26 | | | | | | | 6 | < 20 | |
| 27 | | | | | | | 6 | < 20 | |
| 28 | | | | | | | 6 | < 20 | |
| 29 | | | | | | | 6 | < 20 | |
| 30 | | | | | | | 6 | < 20 | |
| 31 | | | | | | | 8 | 24 | |
| MONTHLY AVG | 8.0 | 8.0 | ND (5) | NO | NO | < 3 | 19 | 359 | |
| MONTHLY HIGH | 8.0 | 8.0 | ND (5) | DISCHARGE | DISCHARGE | < 3 | 56 | 538 | |
| MONTHLY LOW | 8.0 | 8.0 | ND (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 | 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 Squires

DATE

28-Feb-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: (M) 9

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

| | |
|-------------------------------|-----------|
| SIGNATURE OF AUTHORIZED AGENT | DATE |
| <i>Drew Squires</i> DAS | 28-Feb-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) 5

| 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 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 | | | | | | | | | |
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| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
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| 21 | | | | | | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | 99 | 880 | 180 | ND (0.1) | 250 | 6.8 | 200 | 1 | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| MONTHLY AVG | 99 | 880 | 180 | ND (0.1) | 250 | 6.8 | 200 | 1 | |
| MONTHLY HIGH | 99 | 880 | 180 | ND (0.1) | 250 | 6.8 | 200 | 1 | |
| MONTHLY LOW | 99 | 880 | 180 | ND (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.

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|-----------------------------|
| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

| | |
|-------------------------------|-----------|
| SIGNATURE OF AUTHORIZED AGENT | DATE |
| <i>Drew Squires</i> | 28-Feb-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) 6

| 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 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 | | | | | | | | 3225 |
| 25 | | | | | | | | |
| 26 | | | | | | | | |
| 27 | ND (0.05) | 4.6 | ND (0.1) | 0.20 | 0.22 | ND(0.05) | 10 | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | | | | | | | | |
| 31 | | | | | | | | |
| MONTHLY AVG | ND (0.05) | 4.6 | ND (0.1) | 0.20 | 0.22 | ND(0.05) | 10 | 3225 |
| MONTHLY HIGH | ND (0.05) | 4.6 | ND (0.1) | 0.20 | 0.22 | ND(0.05) | 10 | 3225 |
| MONTHLY LOW | ND (0.05) | 4.6 | ND (0.1) | 0.20 | 0.22 | ND(0.05) | 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.

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|-----------------------------|
| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

| | |
|-------------------------------|-----------|
| SIGNATURE OF AUTHORIZED AGENT | DATE |
| <i>Drew Squires</i> | 28-Feb-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: (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 | | | ND (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 | | | ND (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 | ND (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 | 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.

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| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

| | |
|---------------------------------|-----------|
| SIGNATURE OF AUTHORIZED AGENT | DATE |
| Drew Squires <i>[Signature]</i> | 28-Feb-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: (M) 9

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

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| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

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| SIGNATURE OF AUTHORIZED AGENT | DATE |
| <i>Drew Squires</i> | 28-Feb-01 |

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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 / 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 | |
| 2 | | | | | | | 8 | 32 | |
| 3 | | | | | | | 8 | 32 | |
| 4 | | | | | | | 8 | 28 | |
| 5 | 8.1 | 8.0 | | | | | 8 | 26 | |
| 6 | | | | | | | 8 | 23 | |
| 7 | | | | | | | 10 | 18 | |
| 8 | | | ND (5) | | | < 3 | 12 | 15 | |
| 9 | | | | | | | 12 | 22 | |
| 10 | | | | | | | 12 | 20 | |
| 11 | | | | | | | 12 | 18 | |
| 12 | | | | | | | 12 | 37 | |
| 13 | | | ND (5) | | | | 12 | 36 | |
| 14 | | | | | | | 12 | 59 | |
| 15 | | | | | | | 12 | 59 | |
| 16 | | | | | | | 12 | 36 | |
| 17 | | | | | | | 12 | 30 | |
| 18 | | | | | | | 12 | 30 | |
| 19 | | | | | | | 12 | 49 | |
| 20 | | | | | | | 12 | 47 | |
| 21 | | | 7 | | | | 12 | 57 | |
| 22 | | | | | | | 12 | 57 | |
| 23 | | | | | | | 12 | 20 | |
| 24 | | | | | | | 12 | 22 | |
| 25 | | | | | | | 12 | 19 | |
| 26 | | | 7 | | | | 12 | 36 | |
| 27 | | | | | | | 12 | 32 | |
| 28 | | | | | | | 12 | 39 | |
| 29 | | | | | | | 12 | 39 | |
| 30 | | | | | | | 12 | 36 | |
| 31 | | | | | | | 12 | 27 | |
| MONTHLY AVG | 8.1 | 8.0 | < 5 | NO | NO | < 3 | 33 | 516 | |
| MONTHLY HIGH | 8.1 | 8.0 | 7 | DISCHARGE | DISCHARGE | < 3 | 59 | 614 | |
| MONTHLY LOW | 8.1 | 8.0 | ND (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.

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| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

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| SIGNATURE OF AUTHORIZED AGENT | DATE |
| Drew Squires <i>[Signature]</i> | 28-Feb-01 |

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

PAGE: (M) 7

| 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 001M SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB MONTHLY | | | EFFLUENT 001N SUSPENDED SOLDS mg/l COMPOSITE WEEKLY | | EFFLUENT 001P SUSPENDED SOLIDS mg/l 1st FLTR mg/l 2nd FLTR mg/l NET GRAB MONTHLY | | | |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | 13 | 2 | 11 | |
| 8 | | | | | 21 | | | | |
| 9 | | | | | | | | | |
| 10 | | | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | 24 | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |
| 21 | | | | | 16 | | | | |
| 22 | | | | | | | | | |
| 23 | | | | | | | | | |
| 24 | | | | | | | | | |
| 25 | | | | | | | | | |
| 26 | | | | | ND (5) | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| 31 | | | | | | | | | |
| MONTHLY AVG | NO | | | 15 | | | | 11 | |
| MONTHLY HIGH | DISCHARGE | | | 24 | | | | 11 | |
| MONTHLY LOW | | | | ND (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.

| |
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| PRINCIPAL EXECUTIVE OFFICER |
| GREGORY M. RUEGER |

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| SIGNATURE OF AUTHORIZED AGENT | DATE |
| <i>Drew Squires</i> | 28-Feb-01 |

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

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

REMARKS: * NUMBER OF SAMPLES TAKEN DURING THE DAY.

PRINCIPAL EXECUTIVE OFFICER

GREGORY M. RUEGER

SIGNATURE OF AUTHORIZED AGENT

Drew Squires

DATE

28-Feb-01