



CH2M HILL
 2485 Natomas Park Drive
 Suite 600
 Sacramento, CA
 95833-2937
 Tel: 916.920.0300
 Fax: 916.920.8463

July 8, 2013

Ms. Patricia Kelly
 California Energy Commission
 1516 Ninth Street
 Sacramento, CA 95814-5512

California Energy Commission DOCKETED 12-AFC-03
TN 71531 JUL 08 2013

Subject: Redondo Beach Energy Project (12-AFC-03)
 Staff Query 2 – Waste Management

Dear Ms. Kelly:

As requested by Ellie Townsend-Hough/CEC during the site visit on June 20, 2013, and via email on June 25, 2013, please see below for responses to additional staff requests associated with the topic of Waste Management.

1. *Please provide the contact names for the DTSC project manager and CUPA leads for the RBGS site.*

DTSC Steve Rounds DTSC Project Manager 9211 Oakdale Avenue Chatsworth, Ca 91311 (818) 717-6597 srounds@dtsc.ca.gov	Redondo Beach Fire Dept Hazardous Materials Rick Kuciemba (310) 318-0663 x 4395	County of Los Angeles Dept of Public Works Unit 7 & 8 UST Walter Glowac (310) 534-4862	County of Los Angeles Fire Department Hazardous Waste Arturo Mico (323) 890-4024 James Ly (323) 890-4118
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2. *Please provide a copy of the agreement between AES and SCE that addresses contaminated areas at the RBEP site.*

A copy of the 1995 Consent Agreement is provided as Attachment SQ-2 to this letter. Additional copies of the Consent Agreement can be provided upon request.

If you have any questions about this matter, please contact me at (916) 286-0249 or Mr. Jerry Salamy at (916) 286-0207.

Sincerely,

CH2M HILL

Sarah Madams
 AFC Project Manager

Attachment: Consent Agreement

cc: S. O’Kane, AES
 G. Wheatland, ESH
 S. Pottenger, ESH
 J. Salamy, CH2M HILL

**Attachment SQ-2
Consent Agreement**

FINAL

1-441 P.04 JOB-368
40K57 113

DANIEL E. LUNGREN
Attorney General

State of California
DEPARTMENT OF JUSTICE



300 SOUTH SPRING STREET, SUITE 5212
LOS ANGELES, CA 90013
(213) 897-2000

FACSIMILE: (213) 897-2802
(213) 897-2614

February 3, 1995

RECEIVED

FEB 6 1995

Law Department

Dawn Wilson, Esq.
Southern California Edison Company
Law Department
P.O. Box 800
2244 Walnut Grove Avenue
Rosemead, California 91770

RE: Edison Consent Agreement

Dear Ms. Wilson:

Enclosed for your files is a fully executed copy of the Judgment which has been signed by Judge O'Brien. Thank you for your assistance.

Sincerely,

DANIEL E. LUNGREN
Attorney General

A handwritten signature in cursive script, appearing to read "Pearl Lattaker".

PEARL LATTAKER
Deputy Attorney General

cc: Bonnie Wolstoncroft
Sharon Fair
Rich Hubbell

Judge's Signature

1 DANIEL B. LUNGREN, Attorney General
 of the State of California
 2 THEODORA BERGER
 Assistant Attorney General
 3 PEARL LATTAKER- State Bar # 74680
 Deputy Attorney General
 4 300 South Spring Street, 11th Floor, North Dept.
 Los Angeles, California 90013 of Judge O'Brien
 5 Telephone: (213) 897-2614

ORIGINAL FILED
 FEB X1 1995
 LOS ANGELES
 SUPERIOR COURT

6 Attorney for Plaintiffs

FEB 01 1995

8 SUPERIOR COURT OF THE STATE OF CALIFORNIA
 9 FOR THE COUNTY OF LOS ANGELES

10 PEOPLE OF THE STATE OF CALIFORNIA,)
 11 ex rel. William Soo Hoo, Director,)
 12 California Department of Toxic)
 Substances Control,)

No. BC 121219

FINAL JUDGMENT PURSUANT TO STIPULATION

13 Plaintiffs,

14 v.

15 SOUTHERN CALIFORNIA EDISON

17 Defendant.

19 Judgment is hereby entered in the above captioned case pursuant
 20 to the following terms as stipulated by the parties:

21 I. Introduction

22 On or about February 1, 1995, the People of the State of
 23 California ex rel. William Soo Hoo, Director, State Department of
 24 Toxic Substances Control ("Department") filed a Complaint
 25 ("Complaint") in the Superior Court for the County of Los Angeles
 26 pursuant to § 25187 of the California Health and Safety Code
 27 against Southern California Edison (hereinafter "Edison")

1 alleging violations of the Health and Safety Code at its
2 Alamitos, Cool Water, El Segundo, Etiwanda, Huntington Beach,
3 Highgrove, Long Beach, Mandalay, Ormond Beach, Redondo Beach, San
4 Bernardino generating stations ("facilities"). The Department
5 and Edison now stipulate to judgment on the terms set forth in
6 this Final Judgment Pursuant to Stipulation ("Stipulation").
7 The effective date of this Stipulation shall be the date on which
8 it is signed by the Department. All further proceedings in this
9 case, including the filing of an answer by Edison, are stayed
10 during the pendency of this Stipulation.

11 II. Complaint

12 The Complaint in this case (attached hereto as Exhibit A)
13 alleges that Edison violated provisions of the Hazardous Waste
14 Control Law ("HWCL"), Cal. Health and Safety Code §§25100 et seq.
15 and the regulations thereunder, California Code of Regulations,
16 Title 22, Division 4 ("Title 22"), with respect to its hazardous
17 waste operations at the facilities named above, and requests
18 certain corrective action.

19 III. Jurisdiction

20 The Department and Edison agree that the Los Angeles
21 Superior Court has subject matter jurisdiction over the matters
22 alleged in the Complaint and personal jurisdiction over the
23 parties to this Stipulation.

24 IV. Settlement of Disputed Claim

25 The parties enter into this Stipulation pursuant to a
26 compromise and settlement of disputed claims for the purpose of
27 avoiding prolonged and complicated litigation and furthering the

1 public interest. For the purposes of this Stipulation, Edison
 2 admits none of the allegations of the Complaint, except for the
 3 limited purposes of any subsequent action brought by the
 4 Department pursuant to the Hazardous Waste Control Act, Health &
 5 Safety Code §§25100 et seq., within 5 years of the date of the
 6 Complaint, Edison admits the allegations of the Complaint.

7 V. Waiver of Hearing

8 By signing this Stipulation, Edison waives its right to a
 9 hearing on the allegations of the Complaint.

10 VI. Settlement Amount

11 Edison agrees to pay the Department a total of \$950,000.00
 12 in civil penalties and reimburse the Department's administrative
 13 costs in the amount of \$300,000.00 within 30 days of the
 14 effective date of this Stipulation. Payment shall be delivered
 15 to: Cashier, DTSC Accounting, Department of Toxic Substances
 16 Control, P. O. Box 806, Sacramento, California 95812-0806.

17 Copies of all checks shall be sent to:

18 Chief	Pearl Lattaker
19 Statewide Compliance Division	Deputy Attorney General
20 Department of Toxic Substances Control	300 S. Spring Street
21 Region 4	11th Floor North
22 245 West Broadway	Los Angeles, California
23 Suite 425	90013
24 Long Beach, California 90802	

22 FUNDING OF ENVIRONMENTAL PROJECTS: Edison agrees to fund
 23 five environmental projects: PETE, SPECTRA, Compliance School,
 24 bill stuffers and the Western States Hazardous Waste Project as
 25 set forth below. Edison shall contribute \$700,000.00 to fund
 26 these projects. If Edison fails to fund any of these projects,
 27 then Edison shall contribute any unused funds to alternate

1 projects mutually agreed upon by the Department and Edison.

2 A. (PETE): Within 30 days of the effective date of this
3 Stipulation, Edison shall contribute \$100,000.00 to the
4 Partnership for Environmental Technology Education (PETE) for the
5 purpose of promoting science education at the community college
6 level by funding equipment acquisition and commencement of degree
7 programs for environmental professionals. Payment shall be made
8 in two separate checks of \$50,000.00 each and specifically
9 designated for the above uses by Rio Hondo College and El Camino
10 College, Los Angeles, California. Payments shall be mailed to:
11 Western Partnership for Environmental Technology Education
12 2150 River Plaza Drive, Suite 170
13 Sacramento, CA 95833

14 B. (SPECTRA): Within 30 days after the Department notifies
15 Edison of the effective date of SPECTRA implementation, Edison
16 shall contribute \$316,800.00 toward marketing and distribution of
17 the Department's SPECTRA software. The \$316,800.00 shall be
18 apportioned as set forth below:

- 19 1. \$50,000.00 for a marketing study. The \$50,000.00
20 allotted for marketing shall be used to increase an existing
21 SPECTRA marketing study contract with Sacramento State
22 University. Payment for this project shall be made to the
23 manager of contracts at Sacramento State University.
- 24 2. \$266,800.00 for a user's station and subsidy
25 account for the purchase of SPECTRA by Edison rate payers.
26 Edison shall establish a dedicated SPECTRA account to subsidize
27 part or all of the purchase of SPECTRA software. Edison shall
28 establish a SPECTRA user's station at the Edison Irwindale

1 facility.

2 3. Within 60 days after the Department notifies Edison
3 of the effective date of SPECTRA implementation, Edison shall
4 submit for Department review and approval a procedure for
5 establishing and utilizing the SPECTRA users's station at the
6 Edison Irwindale CTAC facility. The user's station shall be
7 operational within 30 days of the Department's approval of the
8 procedure. The procedure shall also include an accounting which
9 demonstrates that the cost of establishing the user's station is
10 at least \$40,000.00. If the cost of establishing the user's
11 station is less than \$40,000.00, then the difference shall be
12 added to the SPECTRA subsidy account.

13 4. Edison and the Department shall jointly develop a
14 strategy for utilizing the subsidy account. Within 60 days of
15 the Department's notification to Edison of the implementation of
16 SPECTRA, Edison shall submit procedures for implementing the
17 subsidy account to Don Johnson, Chief, Program Coordination and
18 Policy Development Branch, Department of Toxic Substances
19 Control, 400 P Street, P.O. Box 806, Sacramento, CA 95812-0806
20 for review and approval. The procedures shall include, at a
21 minimum, methods for public notification of the availability of
22 the subsidy, the amount of money available to each user, and
23 accounting and reimbursement to the Department for each SPECTRA
24 unit purchased.

25 5. The SPECTRA account shall be available for three
26 years, with additional one year renewals if directed by the
27 Department or until funds are exhausted..

1 6. If, in the Department's judgment, the SPECTRA
 2 subsidy account funds would be better spent elsewhere, the
 3 Department may require Edison to direct the funds to the PETE
 4 program and/or Compliance School, or Edison and the Department
 5 may confer and agree on another environmental project to receive
 6 the unused funds.

✓ 7 C. COMPLIANCE SCHOOL: Within 30 days of the execution
 8 of this Stipulation, Edison shall contribute \$200,000.00 to the
 9 Kern Community College District to support the management of
 10 Compliance School by the Environment and Safety Institute at
 11 Bakersfield College. Funds will be used for program development
 12 activities, including promotion, registration, augmenting
 13 instructional materials and instructor training, responding to
 14 public inquiries, statewide planning and program evaluation.
 15 The Compliance School curriculum, developed by Bakersfield
 16 college under contract with the Department, will provide basic
 17 hands - on training on hazardous waste management laws to
 18 hazardous waste generators and on-site treatment facilities.
 19 Expenditure and accounting of these funds will be made by the
 20 Kern Community College District pursuant to a written agreement
 21 with the Department.

22 1. Payment shall be made by check payable to Kern
 23 Community College District and shall be mailed by certified mail,
 24 return receipt requested to:

25 Ann Boyce
 26 Bakersfield College -ESI
 27 1801 Panorama Drive
 Bakersfield, CA 93305

1 A copy of the check shall be sent to:

2 Ann Carberry
3 Tiered Permitting Compliance Section
4 Hazardous Waste Management Program
5 Department of Toxic Substances Control
6 400 P Street
7 P. O. Box 806
8 Sacramento, CA 95812-0806

9 2. If Kern Community College District returns unused
10 funds to Edison, Edison and the Department shall confer and agree
11 on another environmental project to receive the unused funds.

12 D. BILL STUFFERS: Edison shall expend \$60,000.00 on bill
13 stuffers to be inserted in bills mailed to rate payers. The bill
14 stuffers shall contain information relating to protection of
15 public health and safety and the environment from toxic
16 substances. The Department's Chief of Communications shall
17 prepare text and review and approve the bill stuffers prior to
18 mailing. Edison shall provide an accounting to the Department
19 demonstrating that the cost of the bill stuffers is \$60,000.00.
20 The bill stuffers shall be mailed within 180 days of the
21 effective date of this Stipulation.

22 E. WESTERN STATES PROJECT: Within 30 days of the
23 effective date of this Stipulation, Edison shall pay the
24 Department's fiscal year 1994-95 membership dues of \$23,200.00
25 for the Western States Hazardous Waste Project. Payment shall be
26 made to:

27 Western States Hazardous Waste Project
Arizona Office of the Attorney General
1275 W. Washington
Phoenix, Arizona 85007
(602) 542-3881 FAX (602) 542-3522

1 A copy of the check shall be sent to:

2 Chief, Statewide Compliance Division
3 Department of Toxic Substances Control
4 400 P Street
5 P. O. Box 806
6 Sacramento, CA 95812-0806

7 VII. Funding of Permitting Activities

8 Edison agrees to fund, on a Fee - For - Service basis, all
9 permitting, closure, and other document review and approval
10 activities required by this Stipulation. Within 60 days of the
11 effective date of this Stipulation, Edison shall enter into a Fee
12 - For - Service agreement with the Department for all of the
13 permitting, closure and other document review and approval
14 activities required under this Stipulation.

15 VIII. Compliance Schedule

16 A. As conditions of this Stipulation, Edison shall do the
17 following with regard to the violations alleged in the Complaint:

18 1. Within 30 days of the effective date of this
19 Stipulation, Edison shall submit to the Department for approval a
20 general sampling plan to determine whether or not the following
21 materials are hazardous wastes: air pre-heater, wash water and
22 fireside wash water. After the effective date of this
23 Stipulation, whenever Edison performs the initial air pre -
24 heater wash or fireside wash at any of its generating facilities,
25 Edison shall (1) notify the Chief of Statewide Compliance
26 Division - Region 4, 30 days in advance of the event; (2) collect
27 and analyze representative samples of the wash waters according
to the approved sampling plan; and (3) submit the results to the
Department within 30 days of the sampling event.

R.

1 2. Within 60 days of the effective date of this
 2 Stipulation, Edison shall submit to the Department, for review
 3 and approval, a proposal on the method of conducting integrity
 4 tests for the polishing demineralizer sumps listed in column D of
 5 Exhibit 1. Edison shall conduct integrity tests and submit a
 6 report to the Department within ~~90~~ days of the Department's
 7 approval of Edison's proposed tank integrity testing procedure.
 8 Any future re-use of the sumps depends upon the outcome of the
 9 integrity tests. If Edison intends to use the sumps for
 10 elementary neutralization, Edison shall comply with the notice
 11 requirements of the Tierred Permitting System.

12 3. CLOSURE OF BOILER CHEMICAL CLEANING BASINS: For each
 13 facility, Edison shall submit a report containing information and
 14 data demonstrating that there have been no releases in the past
 15 from the Boiler Chemical Cleaning Basins (BCCB's). The
 16 Department will review each report including the supporting
 17 information and data to determine whether it is adequate to
 18 demonstrate whether or not there has been a release. If existing
 19 data in the report is adequate and shows no evidence of any
 20 releases, the Department shall deem the appropriate units clean
 21 closed. The reports submitted shall provide the basis for RCRA
 22 closure of the BCCB's to satisfy the applicable provisions of
 23 Title 22 California Code of Regulations ("CCR"), Chapter 15,
 24 Article 7. (*Closure / Pre-Closure 66265.110 - 1120*)

*RG
 BCCB
 Clean
 Closed*

25 If existing data is not adequate to demonstrate whether or
 26 not there has been a release, Edison shall submit a work plan, in
 27 accordance with the schedule set forth in Exhibit 2, for

1 Department review and approval, to conduct additional soil
2 sampling, as necessary, and/or installation of ground water
3 monitoring wells and collect monitoring data before closure can
4 be accomplished. Edison shall upgrade the ground water monitoring
5 systems to meet the requirements of 22 CCR Chapter 15, article 6
6 in a timely manner. Edison shall implement the approved work plan
7 to demonstrate whether or not there has been a release. After
8 implementation of the approved work plan, Edison shall submit to
9 the Department a report of the findings. The units which have
10 been deemed clean closed may be operated so long as they handle
11 non-RCRA hazardous waste or solid waste that does not generate a
12 RCRA hazardous sludge.

13 If there is evidence of a past release to soil and /or
14 groundwater from the BCCB's, the Department will issue a
15 Corrective Action Order to Edison requiring that corrective
16 action work be performed. Corrective action requires Edison to
17 define the nature and extent of the release, evaluate the risk
18 posed, and perform remediation to background or health-based
19 levels. The Department will determine on a case by case basis
20 whether or not the BCCB's can continue to be used during
21 corrective action. If contamination cannot be remediated, the
22 unit will be closed with waste in place and Edison shall apply
23 for a post-closure permit.

24 For the purpose of this Stipulation, the Department will
25 assume that there has been a release if the pH or heavy metal
26 constituents that are present in the Edison waste stream are
27 found beneath or adjacent to the BCCB's at levels exceeding the

1 background concentrations for the same constituents.

2 4. CLOSURE OF RETENTION BASINS: Edison shall conduct RCRA
3 closure of the Retention Basins identified in Exhibit 1 of this
4 Stipulation, in accordance with 22 CCR, Chapter 15, Article 7
5 closure requirements. The procedures outlined in above ¶3 of
6 this Stipulation entitled CLOSURE OF BCCB'S shall be followed in
7 closing the Retention Basins with the following additional
8 requirements:

9 1. Since these units do not meet the minimum technology
10 requirements specified in 22 CCR, Chapter 15, Article 11,
11 the initial report for each facility containing the no
12 release demonstration shall include at least one year of
13 groundwater monitoring data from a Department approved
14 monitoring system.

15 2. If the units do not have a groundwater monitoring system
16 meeting the requirements of 22 CCR, Chapter 15, Article 6,
17 Edison shall submit a work plan for each facility for
18 installing such a system. Upon Department approval, Edison
19 shall implement the plan and obtain groundwater monitoring
20 data for a minimum of one year. If the background
21 information, along with the groundwater monitoring data,
22 indicates that there have been no releases from these units,
23 the Department will proceed with granting closure for these
24 units.

25 5. Within 90 days after receiving written guidance for
26 preparing surface impoundment closure plans from the Department,
27 Edison shall prepare and submit to the Department a complete

1 closure plan for the north and south retention basins, make - up
 2 demineralizer sump, polisher demineralizer sump, and boiler
 3 chemical cleaning basin located at the Alamitos Generating
 4 Station. To streamline the closure process, the Department
 5 intends to review and approve the closure plan for the Alamitos
 6 Generating Station as a model closure plan. When the Alamitos
 7 closure plan is deemed technically complete by the Department, it
 8 shall serve as the model for all other retention basin closures
 9 covered by this Stipulation. Within 60 days after the
 10 Department's determination of completeness of the Alamitos
 11 closure plan, Edison shall sequentially submit the closure plans
 12 for the remaining Edison facilities in accordance with the
 13 closure plan schedule of submittal specified in Exhibit 2. The
 14 closure plans shall comply with the closure requirements of
 15 chapter 15, Division 4.5, Title 22, CCR, including but not
 16 limited to § 66265.228 *(closure/boil... remove all residues)*

17 6. Within 90 days of the effective date of this
 18 stipulation, Edison shall submit to the Department for approval,
 19 a water ^{Detection} quality monitoring and response program under Title 22,
 20 CCR, Chapter 15, Article 6, § 66265.90 for the units at the
 21 Alamitos Generating Station listed in rectangle C1 of Exhibit 1. *... like ARES basins*
 22 To streamline the process, the Department intends to review and
 23 approve the water quality monitoring plan for the Alamitos
 24 Generating Station as a model plan. In the event that Edison
 25 receives a Notice of Deficiency ("NOD"), it shall respond to the
 26 NOD within 45 days from issuance of the NOD. A written approval
 27 will be issued when all deficiencies listed in the NOD have been

1 addressed. When the Alamitos plan is deemed technically complete
 2 by the Department, it shall serve as the model for all other
 3 water quality monitoring programs covered by this Stipulation.
 4 Within 120 days of the effective date of the Department's
 5 approval, Edison shall complete installation of the approved
 6 detection monitoring program at Alamitos generating station.

7 Edison shall sequentially submit Water Quality Monitoring and
 8 Response Programs for the remaining facilities listed in column C
 9 of Exhibit 1 in accordance with the closure plan schedule of
 10 submittal specified in Exhibit 2. Within 120 days of the
 11 effective date of the Department's approval of each Water Quality
 12 Monitoring and Response Program, Edison shall complete
 13 installation of the approved detection monitoring program for
 14 each facility.

15 7. For all facilities listed in column C of Exhibit 1
 16 that have ~~groundwater monitoring systems~~, Edison shall submit to
 17 the Department for review and approval within 90 days of the
 18 effective date of this Stipulation, a water quality sampling and
 19 analysis plan pursuant to Title 22, §66265.91. In the event that
 20 Edison receives a Notice of Deficiency, (NOD) it shall respond to
 21 the NOD within 45 days from issuance of the NOD. A written
 22 approval will be issued by the Department when all deficiencies
 23 in the NOD have been addressed. Edison shall implement the
 24 approved water quality sampling and analysis plans during
 25 subsequent groundwater sampling events. The plans shall be self
 26 implementing. However, the Department may require changes to the
 27 plans if changes are deemed necessary to protect public health

1 and the environment.

2 8. For all facilities in column ^{all locations} C of Exhibit 1 that do
3 not have existing groundwater monitoring systems, Edison shall
4 sequentially submit water quality sampling and analysis plans to
5 the Department for review and approval. Edison shall begin
6 sequentially submitting the plans within 90 days of completion of
7 installation of the approved detection monitoring program. The
8 plans shall be submitted in accordance with the schedule
9 specified in Exhibit 2.

10 These plans shall be submitted pursuant
11 to Title 22 CCR §66265.91. In the event that Edison receives a
12 Notice of Deficiency, (NOD) it shall respond to the NOD within 45
13 days from issuance of the NOD. A written approval will be issued
14 by the Department when all deficiencies in the NOD have been
15 addressed. Edison shall implement the approved water quality
16 sampling and analysis plans during subsequent groundwater
17 sampling events. The plans shall be self-implementing. However,
18 the Department may require changes to the plans to protect human
19 health and the environment.

20 9. A. This Stipulation shall serve as a Grant of
21 Authorization for continuing operation of those surface
22 impoundments which are specifically designated as the BCCB's at
23 six Edison facilities, and which are currently used for storage
24 of California-only (non-RCRA) hazardous wastes, pending proposed
25 legislation. This Stipulation shall be deemed a permit only as
26 set forth below for purposes of the Health & Safety Code and
27 payment of the annual facility fee pursuant to Health & Safety
Code §§25205.2 and 25205.4. The facility size and type pursuant

WQ5AP

1 to this Stipulation shall be "Series A Standardized Permit"
2 during calendar years 1994, 1995, and 1996. Thereafter, the
3 facilities shall be regarded as "large treatment" unless
4 otherwise authorized by legislation.

press by
12 TC

5 B. Within 30 days after the close of the 1996 legislative
6 session, if authorized by legislation, Edison shall submit a
7 standardized permit notification to the Department, to include a
8 complete application, pursuant to legislation, for the BCCB at
9 the Alamitos generating station. To streamline the permit
10 process, the Department intends to review and approve the
11 notification and Part "B" standardized permit application for the
12 BCCB at the Alamitos generating station as a model standardized
13 permit application for BCCB's. The Alamitos application, when
14 deemed technically complete by the Department, will serve as the
15 model for all other BCCB standardized permit applications covered
16 by this Stipulation. Edison shall submit the remaining
17 applications for the facilities listed in column A of Exhibit 1
18 in accordance with the schedule of submittal specified in Exhibit
19 2.

20 C. If the legislation fails to authorize operation of the
21 BCCBs under the Standardized Permit tier by the close of the 1996
22 legislative session, within 90 days after receiving written
23 guidance from the Department for preparing surface impoundment
24 permits, Edison shall complete, sign and submit Part A and Part B
25 hazardous waste surface impoundment permit applications to the
26 Department for the BCCB at Alamitos generating station. To
27 streamline the permit process, the Department intends to review

1 and approve the Part A and Part B permit application for the
2 BCCB's at the Alamitos generating station as a model permit
3 application for BCCB's. The Alamitos permit application, when
4 deemed technically complete by the Department, will serve as the
5 model for all other BCCB permit applications covered by this
6 stipulation. Edison shall submit the remaining applications for
7 the facilities listed in column A of Exhibit 1 in accordance with
8 the schedule of submittal specified in Exhibit 2.

9 D. If the Department determines that any report, plan,
10 schedule or other document submitted for approval fails to comply
11 with this Stipulation or fails to protect public health or safety
12 or the environment, the Department may return the document to
13 Edison with recommended changes and a date by which Edison must
14 submit to the Department a revised document incorporating the
15 recommended changes for approval by the Department.

16 IX. Matters Covered by This Stipulation

17 This Stipulation settles all violations alleged in the
18 Complaint filed against Edison, including Department costs of
19 inspection and investigation and costs of suit, relating to the
20 Complaint. The Department agrees that it will not refer or
21 recommend that any criminal charges be filed based on the
22 allegations in the complaint. The provisions of this paragraph
23 are expressly conditioned on full and complete performance by
24 Edison of all of the terms and conditions of this Stipulation.

25 Nothing in this Stipulation shall constitute or be construed
26 as a satisfaction or release from liability for any conditions or
27 claims arising as a result of current, or future operations of

1 Edison which are not covered by this Stipulation, nor shall this
2 Stipulation be construed to preclude the Department or any state
3 agency, board, or entity from exercising its authority under any
4 law, statute or regulation.

5 X. Requirement of the Department

6 The duties imposed on Edison by this Stipulation shall be
7 construed to be requirements of the Department issued pursuant to
8 the HWCL. Any violation of this Stipulation is separate and in
9 addition to any violation of any provision of the HWCL.

10 XI. Notice and Submittals

11 All submittals required pursuant to VIII(A)(1),
12 VIII(A)(2), VIII(A)(3), VIII(A)(4), VIII(A)(6), and VIII(A)(7) of
13 this Stipulation shall be submitted to the following:

14 Chief
15 Statewide Permitting Division
16 Department of Toxic Substances Control, Region 4
245 West Broadway, Suite 425
Long Beach, CA 90802

17 Unit Chief, Geology Services
18 Statewide Permitting Division
19 Department of Toxic Substances Control, Region 4
245 West Broadway, Suite 425
Long Beach, CA 90802

20 In addition, a copy of the transmittal letter for the above
21 submittals and all other submissions and notices including copies
22 of all checks required by this Stipulation shall be sent to:

23 Chief
24 Statewide Compliance Division
25 Department of Toxic Substances Control, Region 4
245 West Broadway, Suite 425
26 Long Beach, California 90802

27 All approvals and decisions of the Department regarding any
matter requiring approval or decision under the terms of this

1 Stipulation shall be communicated in writing to:

2 Robert Reid
3 Southern California Edison Company
4 2244 Walnut Grove Avenue
Rosemead, CA 91770.

5 No advice, guidance, suggestions or comments by employees or
6 officials of the Department regarding submissions or notices
7 shall be construed to relieve Edison of its obligation to obtain
8 the final written approvals required by this Stipulation.

9 XII. Department Not Liable

10 The Department shall not be liable for any injury or damage
11 to persons or property resulting from acts or omissions by
12 Edison, its directors, officers, employees, agents,
13 representatives or contractors in carrying out activities
14 pursuant to this Stipulation, nor shall the Department be held
15 as a party to or guarantor of any contract entered into by
16 Edison, its directors, officers, employees, agents,
17 representatives or contractors in carrying out activities
18 required pursuant to this Stipulation.

19 XIII. Modification of Settlement and Order

20 This Stipulation may be modified upon written approval of
21 the parties hereto and the Court.

22 XIV. Extensions

23 Edison may request in writing an extension of the compliance
24 schedule provided herein prior to the date compliance is due. If
25 the Department determines that good cause exists for an
26 extension, it will grant the request and specify in writing a new
27 compliance schedule. Approval shall not be unreasonably

1 withheld; however, silence does not constitute approval of the
2 extension. Edison is not authorized to modify the compliance
3 schedule herein unless and until the Department agrees to the
4 modification in writing.

5 XV. Application of Stipulation

6 This Stipulation shall apply to and be binding upon the
7 Department and Edison and the successors or assigns of either of
8 them.

9 XVI. Authority to Enter Stipulation

10 Each signatory to this Stipulation certifies that he or she
11 is fully authorized by the party he or she represents to enter
12 into this Stipulation, to execute it on behalf of the party
13 represented and legally to bind that party.

14 XVII. Integration

15 This Stipulation constitutes the entire agreement between
16 the parties and may not be amended or supplemented except as
17 provided for herein.

18 XVIII. Counterparts

19 This Stipulation may be executed in one or more
20 counterparts, each of which shall be deemed an original, but all
21 of which together shall constitute one and the same instrument.

22 /
23 /
24 /
25 /
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1 XIX. Termination of Order

2 This action shall be dismissed with prejudice upon Edison's
3 satisfaction of the terms and conditions herein.

4 IT IS SO STIPULATED:

5 DEPARTMENT OF TOXIC SUBSTANCES CONTROL

6 Dated: _____, 1994 By: _____
7 TED RAUH, Deputy Director
8 Department of Toxic Substances Control

9 Approved as to Form and Content:

10 DANIEL E. LUNGREN, Attorney General
11 of the State of California
12 THEODORA BERGER,
13 Assistant Attorney General
14 PEARL LATTAKER,
15 Deputy Attorney General

16 Dated: _____, 1995 By: _____
17 PEARL LATTAKER
18 Attorneys for Department of
19 Toxic Substances Control

SOUTHERN CAL. EDISON CO.

20 Dated: February 2, 1995 By: Bryant C. Danner
21 BRYANT C. DANNER
22 Senior Vice President

23 Approved as to Form and Content:
24 DAWN WILSON

25 Dated: February 2, 1995 By: Dawn Wilson
26 Attorneys for Edison

27 In accordance with the terms of the above written Stipulation
between plaintiff and defendant,

IT IS SO ORDERED AND ADJUDGED:

DATED: 2/1/95 ROBERT H. C'ERREN
JUDGE OF THE SUPERIOR COURT

1 XIX. Termination of Order

2 This action shall be dismissed with prejudice upon Edison's
3 satisfaction of the terms and conditions herein.

4 IT IS SO STIPULATED:

5 DEPARTMENT OF TOXIC SUBSTANCES CONTROL

6 Dated: JAN. 30, 1994 By:

7 [Signature]
8 TED RAUH, Deputy Director
9 Department of Toxic Substances Control

10 Approved as to Form and Content:

11 DANIEL E. LUNGREN, Attorney General
12 of the State of California
13 THEODORA BERGER,
14 Assistant Attorney General
15 PEARL LATTAKER,
16 Deputy Attorney General

17 Dated: Jan 31, 1995 By:

18 [Signature]
19 PEARL LATTAKER
20 Attorneys for Department of
21 Toxic Substances Control

22 SOUTHERN CAL. EDISON CO.

23 Dated: January 29, 1995 By:

24 [Signature]
25 BRYANT C. DANNER
26 Senior Vice President

27 Approved as to Form and Content:

DAWN WILSON

Dated: _____, 1995 By: _____

Attorneys for Edison

In accordance with the terms of the above written Stipulation
between plaintiff and defendant,

IT IS SO ORDERED AND ADJUDGED:

DATED:

JUDGE OF THE SUPERIOR COURT

EXHIBIT "1"

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

EXHIBIT NO. 1
SOUTHERN CALIFORNIA EDISON CONSENT DECREE

FACILITY	A UNITS REQUIRING PERMITS	B UNITS REQUIRING CLOSURE PLAN APPROVAL	C UNITS REQUIRING GROUNDWATER MONITORING	D UNITS REQUIRING INTEGRITY TESTS
Mamitas Generating Station, Long Beach 630 North Shorebaker Road Long Beach, CA 90815 EPA ID No.: CAD000594795	BCCB - 2 UNITS	NR BASIN - 1 UNIT SR BASIN - 1 UNIT PD SUMP - 1 UNIT BCCB - 2 UNIT	BCCB - 2 UNIT NR BASIN - 1 UNIT SR BASIN - 1 UNIT	PD SUMP - 1 UNIT NR BASIN - 1 UNIT SR BASIN - 1 UNIT PD SUMP - 1 UNIT
El Segundo Generating Station, El Segundo 301 Vista Del Mar El Segundo, CA 90245 EPA ID No.: CAD000630662	BCCB - 1 UNIT	NR BASIN - 1 UNIT BCCB - 1 UNIT SR SUMP - 1 UNIT	BCCB - 1 UNIT NR BASIN - 1 UNIT	NR BASIN - 1 UNIT SR SUMP - 1 UNIT
Elkayanda Generating Station, Elkayanda 6956 Elkayanda Avenue Elkayanda, CA 91739 EPA ID No.: CAD0079548574	BCCB - 1 UNIT	NR BASIN - 1 UNIT PD BASIN - 1 UNIT BCCB - 1 UNIT	BCCB - 1 UNIT NR BASIN - 1 UNIT	NR BASIN - 1 UNIT SR BASIN - 1 UNIT
Huntington Beach Generating Station 21730 Nevada Street Huntington Beach, CA 92616 EPA ID No.: CAD000831681	BCCB - 1 UNIT	NR BASIN - 1 UNIT BCCB - 1 UNIT	NR BASIN - 1 UNIT BCCB - 1 UNIT	NR BASIN - 1 UNIT BCCB - 1 UNIT
Mandalay Generating Station, Oxnard 393 North Harbor Blvd. Oxnard, CA 93038 EPA ID No.: CAD0009530913	BCCB - 1 UNIT	NR BASIN - 2 UNIT BCCB - 1 UNIT	NR BASIN - 2 UNIT BCCB - 1 UNIT	NR BASIN - 2 UNIT BCCB - 1 UNIT
Redondo Beach Generating Station 1100 Harbor Drive Redondo Beach, CA 90277 EPA ID No.: CAD000631093	BCCB - 1 UNIT	NR BASIN - 1 UNIT SR BASIN - 1 UNIT PD SUMP - 1 UNIT BCCB - 1 UNIT AND SUMP - 1 UNIT	BCCB - 1 UNIT NR BASIN - 1 UNIT SR BASIN - 1 UNIT	PD SUMP - 1 UNIT AND SUMP - 1 UNIT
Ormond Beach Generating Station 6635 South Edison Drive Ormond, CA 92073 EPA ID No.: CAD0080631035	PD SUMP - 1 UNIT NR BASIN - 2 UNIT	NR BASIN - 2 UNIT	NR BASIN - 2 UNIT	PD SUMP - 1 UNIT

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 EXHIBIT NO. 1
 SOUTHERN CALIFORNIA EDISON CONSENT DECREE

FACILITY	A UNITS REQUIRING PERMITS	B UNITS REQUIRING CLOSURE PLAN APPROVAL	C UNITS REQUIRING GROUNDWATER MONITORING	D UNITS REQUIRING INTEGRITY TESTS AND SUMP - 1 UNIT
1 Highgrove Generating Station 12700 Taylor Street Colton, CA 92324 EPA ID No.: CAD000631028 Long Beach Generating Station	RR BASIN - 1 UNIT MID SUMP - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT
2 2655 West Riverside Boulevard Long Beach, CA 90813 EPA ID No. CAD0006311143 San Bernardino Generating Station	RR BASIN - 1 UNIT MID BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT
3 25770 San Bernardino Avenue San Bernardino, CA 92408 EPA ID No.: CAD0006311150 Cool Water Generating Station	RR BASIN - 1 UNIT MID BASIN - 1 UNIT PD SUMP - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT	RR BASIN - 1 UNIT RR BASIN - 1 UNIT
4 3702 East Santa Fe Daguerre, CA 92327 EPA ID No.: CAD000630925 DCCB-BOILER CHEMICAL CLEANING BASIN PD SUMP-POULSITER DEMINERALIZER SUMP AND SUMP-MAKE-UP DEMINERALIZER SUMP RR BASIN-RETENTION BASIN	SR BASIN-SOUTH RETENTION BASIN NR BASIN-NORTH RETENTION BASIN			PD SUMP - 1 UNIT

REVISED 12/02/01

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
EXHIBIT NO. 2
SCHEDULE OF SUBMITTAL FOR
SOUTHERN CALIFORNIA EDISON HAZARDOUS WASTE MANAGEMENT UNITS

FACILITY	CLOSURE PLAN UNIT TYPE	UNITS	SCHEDULE OF SUBMITTAL
1 El Segundo Generating Station, Long Beach 160 North El Segundo Road Long Beach, CA 90815 EPA ID No.: CAD0006D4795	North Retention basin South Retention basin Makeup demineralizer sump Polish demineralizer sump Boiler chemical cleaning basin	1 1 1 1 2	Within 90 days of receiving Department's closure plan guidance
2 El Segundo Generating Station, El Segundo 301 Vista Del Mar El Segundo, CA 90245 EPA ID No.: CAD000630982	Retention basin Makeup demineralizer sump Boiler chemical cleaning basin	1 1 1	180 days from the completion determination of Alameda Closure Plan
3 Edwards Generating Station, Edwards 8906 Edwards Avenue Edwards, CA 91738 EPA ID No.: CAD075646573	Retention basin Makeup demineralizer basin Boiler chemical cleaning basin	1 1 1	30 days from submittal of El Segundo Closure Plan
4 Huntington Beach Generating Station 21730 Newland Street Huntington Beach, CA 92648 EPA ID No.: CAD060821023	Retention basin Boiler chemical cleaning basin	1 1	30 days from submittal of Edwards Closure Plan
5 Mandaley Generating Station, Ontario 305 North Harbor Blvd. Ontario, CA 91730 EPA ID No.: CAD000830613	Retention basin Boiler chemical cleaning basin	2 1	30 days from submittal of Huntington Beach Closure Plan
6 Redondo Beach Generating Station 1100 Harbor Drive Redondo Beach, CA 90377 EPA ID No.: CAD000831022	North Retention basin South Retention basin Polish demineralizer sump Boiler chemical cleaning basin Makeup demineralizer sump	1 1 1 1 1	30 days from submittal of Mandaley Closure Plan
7 Ormond Beach Generating Station 6835 South Edison Drive Ontario, CA 91731 EPA ID No.: CAD000837036	Retention basin Polish demineralizer sump	2 1	30 days from submittal of Redondo Beach Closure Plan
8 Highgrove Generating Station 12750 Taylor Street Cotton, CA 92324 EPA ID No.: CAD000631023	Retention basin Makeup demineralizer sump	1 1	30 days from submittal of Ormond Beach Closure Plan
9 Long Beach Generating Station 2645 West Seaside Boulevard Long Beach, CA 90813 EPA ID No.: CAD000831143	Retention basin	1	30 days from submittal of Highgrove Closure Plan
10 San Bernardino Generating Station 25770 San Bernardino Avenue San Bernardino, CA 92408 EPA ID No.: CAD000831150	Retention basin Makeup demineralizer basin	1 1	30 days from submittal of Long Beach Closure Plan
11 East Water Generating Station 37670 East Santa Fe Cajon, CA 92327 EPA ID No.: CAD000830925	Polish demineralizer sump	1	30 days from submittal of San Bernardino Closure Plan

EXHIBIT "A"

EXHIBIT B

SCOPE OF WORK
FEE FOR SERVICE AGREEMENT
SOUTHERN CALIFORNIA EDISON
CONTRACT NUMBER: 94-T0783

1.0 GENERAL:

In accordance with the Compliance Schedule of the Settlement Agreement between Southern California Edison (SCE) and the Department of Toxic Substances Control (DTSC) dated February 1, 1995. The scope of SCE's Fee For Service project includes eleven (11) generating stations with various units (Exhibit A). Since most of these SCE facilities are similar in operation, DTSC and SCE have agreed to streamline the review and approval process. To accomplish this objective, the Alamitos Generating Station will be handled as a pilot project.

To the extent possible, the plans and reports generated from the Alamitos Generating Station will be used as protocols for other facilities to expedite reviews. The plans and reports from subsequent facilities should clearly present any deviations from these protocols.

Due to the similarities of units at all eleven generating stations, the work required at each facility can be further divided into four general groups:

1. Closure Demonstration of Boiler Chemical Cleaning Basins
2. Closure Demonstration of Retention Basins
3. Closure Demonstration of Demineralizer Sumps
4. Miscellaneous Items

The following general procedures will be adhered to in achieving the closure objectives for these units at various SCE generating stations beginning with Alamitos.

1.1 BOILER CHEMICAL CLEANING BASINS:

(a) Closure Demonstration Report:

SCE shall submit a Closure Demonstration Report (CDR). The report shall be based on existing data, demonstrating compliance with the Closure Performance Standard of Title 22, California Code of Regulations, Section 66265.111. The Report should include at a minimum facility maps, location of samples, analytical data, and discussion of conclusions.

(b) DTSC review, comment and/or approve CDR:

Southern California Edison
Scope of Work
FFS Contract No. 94-T0783

DTSC will review and provide written comments on the CDR, request additional information if necessary, accept the report without modifications, or provide comments and request a workplan for additional work.

- (c) SCE submits sampling work plan at DTSC's request:

If DTSC requests SCE to prepare a work plan for additional data collection, the work plan should include a detailed sampling plan, analysis plan, monitoring well installation plan, a work schedule, and any other necessary information required by DTSC.

DTSC will provide guidance to SCE for the development of the work plan if necessary.

- (d) DTSC will review the work plan, provide written comments on the work plan, request additional information if necessary, or accept the work plan without modification.

- (e) SCE implements the work plan and submits a final report:

Once DTSC approves the work plan, SCE shall implement the work plan in accordance with the approved schedule. DTSC will provide oversight during implementation of the work plan. When complete, SCE shall prepare a final work plan report to demonstrate clean closure. The report shall include a discussion of findings and all supporting data. The conclusion of the report shall either certify the unit as clean closed or discuss contamination found and recommend remedial action if possible. CDR

- (f) DTSC reviews and approves the final report:

After review of the final report, DTSC will either accept the closure certification for the unit, or issue a Corrective Action Order (CAO) to characterize and remediate the contamination found in item (e) above.

- (g) Public Notice of DTSC approved action:

If DTSC finds that SCE has demonstrated compliance with closure performance standards, DTSC will public notice its intent to approve the closure. This decision may also be subject to the California Environmental Quality Act (CEQA).

Southern California Edison
Scope of Work
FFS Contract No. 94-T0783

- (h) Response to public comments and issuance of final decision:

At the close of the public comment period, DTSC will prepare a response to public comments and issue the final clean closure approval.

- (i) DTSC issues Corrective Action Order if necessary:

If a corrective action order(CAO)is issued, the closure shall be deemed incomplete until provisions of the CAO are satisfied.

NOTE: Although further DTSC staff support for report review, remedial oversight and/or Post Closure Permit application review maybe required after the issuance of the CAO, these services are not included in the scope of this current Fee for Service agreement. Any additional work associated with the unit(s) after the issuance of the CAO will be renegotiated with SCE.

1.2 RETENTION BASINS:

60265.111

- (a) SCE shall follow the procedures outlined in items 1.1 to demonstrate closure of the retention basins.

NOTE: Paragraph 4 of the February 1, 1995 compliance schedule required SCE to include in the CDR (See step 1.1(a)) at least one year of ground water monitoring data from a DTSC approved monitoring system since the Retention Basins do not meet the minimum technology requirements. If SCE does not have data from at least one year of ground water monitoring, the subject CDR will not be deemed adequate for demonstration of clean closure and the following additional steps must be taken.

- (b) SCE submits a work plan for the installation of a ground water monitoring system:

If SCE does not have at least one year of ground water monitoring data, a DTSC approved ground water monitoring system in place, or if the monitors are deemed inadequate by the DTSC, SCE shall submit a work plan for the installation of a ground water monitoring system. SCE must also develop a water quality monitoring and response program and a water quality sampling and analysis plan.

Southern California Edison
Scope of Work
FFS Contract No. 94-T0783

DTSC will provide guidance for SCE in the development of the above plans. SCE will send Ms. Karen Baker of DTSC the maps on tidal flow, ground water direction and the location of the current wells for review for the Los Alamitos generating station. DTSC will review the submittal and set up a meeting with SCE to provide additional guidance once this agreement is signed.

1.3 SUMPS:

- (a) SCE shall propose methods to conduct integrity tests on the demineralizer sumps in writing.

DTSC understands SCE may not be able to conduct integrity tests on some sumps due to size limitations and that SCE may elect to conduct soil and or ground water sampling to demonstrate clean closure. If sampling or monitoring is decided, SCE shall provide a sampling/ monitoring plan for DTSC's review and approval.

- (b) DTSC reviews and approve the sampling/ monitoring plan.
(c) SCE shall implement the DTSC approved integrity test procedure and submit a report of findings.
(d) DTSC reviews and approves the report of findings:

After the review of the report of findings, DTSC will either accept the closure certification for the unit, comment and request additional information, or issue a CAO to characterize and remediate contamination found.

- (e) Public Notice of DTSC approval action:

See step 1.1 (g) of BCCB closure procedures.

- (f) DTSC will issue a corrective action order if contamination is found:

See step 1.1 (i) of BCCB closure procedures.

1.4 MISCELLANEOUS ITEMS:

- (a) SCE shall submit a sampling plan for waste determination of the fireside wash and the air preheater wash.

DTSC agrees that SCE will not have to conduct a waste determination sampling of the fireside wash or the air preheater wash until SCE conducts a routine maintenance of the boilers. To comply with paragraph 1 of the Agreement, SCE agrees to submit a sampling plan for DTSC review and approval. Upon completion of the FFS agreement, DTSC will review and comment upon the sampling plan submitted for the Cool Water Generating Station dated February 22, 1995. Once this plan is approved, the plan can be adopted for the other SCE facilities.

2.0 COMPLIANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT:

The California Environmental Quality Act (CEQA) requires the DTSC to conduct an initial study and adopt an environmental impact finding for any discretionary project undertaken by the DTSC. It is our intent to conduct a CEQA study for each facility prior to acceptance of clean closure certification. For any units which do not meet the closure performance standards for clean closure, DTSC may issue a Corrective Action Order and compliance with CEQA will be addressed at that time.

3.0 SCHEDULE FOR SUBMITTAL:

~~The Alamitos pilot project shall begin upon the execution of the Fee For Service Agreement. The schedule for subsequent projects shall adhere to Exhibit 2 of the February 1, 1995 Settlement Agreement (See copy attached).~~

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
EXHIBIT NO. 2
SCHEDULE OF SUBMITTAL FOR
SOUTHERN CALIFORNIA EDISON HAZARDOUS WASTE MANAGEMENT UNITS

Revised 12/02/94

A FACILITY	B CLOSURE PLAN UNIT TYPE	C UNITS	D SCHEDULE OF SUBMITTAL
1 Alamitos Generating Station, Long Beach 690 North Studebaker Road Long Beach, CA 90815 EPA ID No.: CAD000694795	North Retention basin South Retention basin Makeup demineralizer sump Polish demineralizer sump Boiler chemical cleaning basin	1 1 1 1 2	Within 90 days of receiving Department's closure plan guidance
2 El Segundo Generating Station, El Segundo 301 Vista Del Mar El Segundo, CA 90246 EPA ID No.: CAD000630962	Retention basin Makeup demineralizer sump Boiler chemical cleaning basin	1 1 1	60 days from the Completion determination of Alamitos Closure Plan
3 Edwanda Generating Station, Edwanda 8996 Edwanda Avenue Edwanda, CA 91739 EPA ID No. CAD079548574	Retention basin Makeup demineralizer basin Boiler chemical cleaning basin	1 1 1	30 days from submittal of El Segundo Closure Plan
4 Huntington Beach Generating Station 21730 Newland Street Huntington Beach, CA 92648 EPA ID No.: CAD000631065	Retention basin Boiler chemical cleaning basin	1 1	30 days from submittal of Edwanda Closure Plan
5 Mandalay Generating Station, Oxnard 568 North Harbor Blvd. Oxnard, CA 93030 EPA ID No.: CAD000630913	Retention basin Boiler chemical cleaning basin	2 1	30 days from submittal of Huntington Beach Closure Plan
6 Redondo Beach Generating Station 1100 Harbor Drive Redondo Beach, CA 90277 EPA ID No.: CAD000631063	North Retention basin South Retention basin Polish demineralizer sump Boiler chemical cleaning basin Makeup demineralizer sump	1 1 1 1 1	30 days from submittal of Mandalay Closure Plan
7 Ormond Beach Generating Station 6835 South Edison Drive Ormond, CA 93033 EPA ID No.: CAD000637036	Retention basin Polish demineralizer sump	2 1	30 days from submittal of Redondo Beach Closure Plan
8 Highgrove Generating Station 12700 Taylor Street Cotton, CA 92324 EPA ID No.: CAD000631026	Retention basin Makeup demineralizer sump	1 1	30 days from submittal of Ormond Beach Closure Plan
9 Long Beach Generating Station 2685 West Seaside Boulevard Long Beach, CA 90813 EPA ID No. CAD0006311143	Retention basin	1	30 days from submittal of Highgrove Closure Plan
10 San Bernardino Generating Station 25776 San Bernardino Avenue San Bernardino, CA 92408 EPA ID No.: CAD000631180	Retention basin Makeup demineralizer basin	1 1	30 days from submittal of Long Beach Closure Plan
11 Cool Water Generating Station 37072 East Santa Fe Deseret, CA 92327 EPA ID No.: CAD000630905	Polish demineralizer sump	1	30 days from submittal of San Bernardino Closure Plan

Southern California Edison
Fee For Service Agreement
Contract No. 94-T0783

EXHIBIT C

**Fee for Service Program Cost Estimates -
Alamitos Pilot Project**

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 FEE FOR SERVICE PROGRAM COST ESTIMATES - PILOT PROJECT

Exhibit C

CONTRACT NUMBER 94-10783

(BASED ON ESTIMATED 100% WORKLOAD STANDARD)
 SOUTHERN CALIFORNIA EDSON ALARITOS STATION: CLOSURE OF TWO (2) BOILER CHEMICAL CLEANING BASINS,
 THREE (3) RETENTION BASINS, AND TWO (2) SUMPS

05/17/92

A	B	C	D	E	F	G	H	I	J	K	L	M	N
Activity	Estimated Hours / Fee	Title	Microbus Subcontract Engineer	In Line Supervisor	Chief	Public Participation	Legal Support	Staff Overtime	Senior Overtime	Staff Travel	Public Notice Fee	Associate Hydrologist	Total
Part I		Hourly Rate	924	887	329	974	8100	614	897	1100		302	80
Part II			40	30	100	10	20	30	30	20		30	30
Site Visit	Estimated hours		132	140	110	77	27	290	125	100		23	3148.997
Review Closure Demo, Report (CDR) Issue Comments on CDR Review Revised CDR Approve Revised CDR	Estimated Fee		987,488	312,100	84,200	95,818	33,456	332,780	642,125	117,661		31,036	
Guidance on GW Monitoring Work Plan Review GW Monitoring Work Plan Comment on GW Monitoring Work Plan Approve GW Monitoring Work Plan													
Review Sump Integrity Test Protocol Comment on Sump Integrity Test Approve Sump Integrity Test Protocol													
Review WSP for wells & AJ Pithead, Wash Comment on WSP Review and Approve Revised WSP													
*Review Sampling Work Plan *Comment on Sampling Work Plan *Approve Sampling Work Plan													
*Review Final Reports													
Part III	Estimated hours		150	46	88	20	8	43	40	37			
Public Notice Response to Public Comments Issuance of Final Determination (DR)	Estimated Fee		112,800	31,826	37,340	31,400	3864	13,780	51,800	31,094	91,500	30	154,298
Issuance of Corrective Action Order													
CEQA													
TRD													
Prepare IS Public Review Review responses to comments Approve ND													111,008
LEGEND:													
* - If necessary													
WSP-Whole Sampling Plan													
ND-Negative Declaration													
Public Notice													
SUBTOTAL													2157,631
15% Cont													323,645
TOTAL													2481,276
ROUND OFF													2481,276

EXHIBIT D

Fee for Service Program Cost Estimates - Streamlined Projects

1. El Segundo Generating Station: Closure of 1 Retention Basin, 1 Boiler Chemical Cleaning Basin, and 1 Sump.
2. Etiwanda Generating Station: Closure of 1 Retention Basin, 1 Boiler Chemical Cleaning Basin, and 1 Sump.
3. Huntington Beach Generating Station: Closure of 1 Retention Basin, and 1 Boiler Chemical Cleaning Basin.
4. Mandalay Generating Station: Closure of 1 Retention Basin, and 1 Boiler Chemical Cleaning Basin.

5. Redondo Beach Generating Station: Closure of 2 Retention Basin, 1 Boiler Chemical Cleaning Basin, and 1 Sump.
6. Ormond Beach Generating Station: Closure of 2 Retention Basin and 1 Sump.
7. Highgrove Generating Station: Closure of 1 Retention Basin and 1 Sump.
8. Long Beach Generating Station: Closure of 1 Retention Basin.
9. San Bernardino Generating Station: Closure of 1 Retention Basin and 1 Sump.
10. Cool Water Generating Station: Closure of 1 Sump.

