



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 12, 2008

Mr. Gerardo Rios
U.S. EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105

SUBJECT: Transmittal of Proposed Title V Renewal Permit
AES Redondo Beach
1100 N. Harbor Drive
Redondo Beach, CA 90277
Facility ID 115536

Dear Mr. Rios:

Gerardo

Enclosed is the above-referenced proposed renewal of a Title V permit along with the facility permit application, a Statement of Basis and public notice. With your receipt of this proposed Title V permit, we will note that the EPA 45-day review period has begun.

Questions on the proposed permit should be directed to Mr. Chris Perri, Air Quality Engineer, at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

MN:MDM:MYL:RGC:CGP

Enclosures:

Facility Permit (Proposed Renewal)
Public Notice
Statement of Basis
Facility Permit Application

✓ [See Attached Electronic Transmittal to EPA for proof of Mailing and Receipt]

Clearing the air



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178



(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED RENEWAL TITLE V PERMIT

The South Coast Air Quality Management District (AQMD) is proposing to renew the existing Title V permit previously issued to the facility listed below:

Facility Locations and Contact People

AES REDONDO BEACH

1100 N. Harbor Drive
Redondo Beach, CA 90277
Facility ID 115536

Contact Person:

Steve Maghy
Environmental Manager
1100 N. Harbor Drive
Redondo Beach, CA 90277

The facility operates 4 utility steam boiler generators along with auxiliary equipment used in the production of electrical power.

Pursuant to Title V of the federal Clean Air Act and the AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, this facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permits. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to this facility.

The proposed permit is available for public review at the AQMD, 21865 Copley Dr., Diamond Bar, CA, and at the Redondo Beach Public Library, 303 N. Pacific Coast Highway, Redondo Beach, CA 90277. Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to Mr. Chris Perri, Air Quality Engineer, 21865 Copley Drive, Diamond Bar, CA 91765-4178. Comments must be received by January 18, 2008. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request the AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Chris Perri at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. Public hearing request forms and the schedule of public hearings may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the Internet at <http://www.aqmd.gov/titlev>. Requests for public hearings are due by January 3, 2008. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
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December 12, 2008

Steve Maghy
Environmental Manager
AES Redondo Beach
1100 N. Harbor Drive
Redondo Beach, CA 90277

Re: Transmittal of Proposed Title V Renewal
AES Redondo Beach
Facility ID 115536

Dear Mr. Maghy:

The South Coast Air Quality Management District (AQMD) will place a notice in *The Daily Breeze* that will appear on December 19, 2008. This notice allows the public the opportunity to comment on your facility's proposed Title V permit. The public comment period begins on December 19, 2008 and ends on January 18, 2009. Enclosed are copies of the public notice and proposed Title V permit for your facility.

Note that we have added the operating parameters you provided to the associated permit conditions.

If you have any questions or need additional information, please contact Mr. Chris Perri at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

A handwritten signature in cursive script that reads "Michael D. Mills".

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Team
Engineering and Compliance

MDM:MYL:RGC:CGP

Enclosures:
Facility Permit
Public Notice



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 12, 2008

Jean Scully
Redondo Beach Public Library
303 N. Pacific Coast Highway
Redondo Beach, CA 90277

SUBJECT: Title V Permit Renewal
AES Redondo Beach
1100 N. Harbor Drive
Redondo Beach, CA 90277
Facility ID 115536

Dear Ms. Scully:

Enclosed is a copy of the proposed Title V permit for the AES Redondo Beach facility located at 1100 N. Harbor Drive, Redondo Beach, 90277. Please make this information available to the public for review in your library until January 18, 2009.

Under AQMD Rule 3006 Title V permits up for renewal are subject to a 30 day public review and comment period, and the facilities are required to inform the surrounding area of the proposed permit renewal. The AQMD is the agency that monitors facilities to insure that they comply with the requirements of air pollution control laws.

If you have any questions concerning this information, please contact Mr. Chris Perri at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Team
Engineering and Compliance

MDM:MYL:RGC:CGP

Enclosures



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 12, 2008

Bahram Fazeli
Staff Scientist
Communities for a Better Environment
5610 Pacific Boulevard, Suite 203
Huntington Park, CA 90255

SUBJECT: AES Redondo Beach
1100 N. Harbor Drive
Redondo Beach, CA 90277
Facility ID 115536

Dear Mr. Fazeli:

The South Coast Air Quality Management District will open a thirty-day public comment period for a Proposed Renewal of Title V Permit. Enclosed is a copy of the Statement of Basis of the proposed permit, and the public notice.

Questions on the Statement of Basis of the proposed permit should be directed to Mr. Chris Perri, Air Quality Engineer, at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Team
Engineering and Compliance

MDM:MYL:RGC:CGP

Enclosure



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 12, 2008

Mr. Tim Grabiell
Project Attorney
Natural Resources Defense Council
1314 2nd Street
Santa Monica, CA 90401

SUBJECT: AES Redondo Beach
1100 N. Harbor Drive
Redondo Beach, CA 90277
Facility ID 115536

Dear Mr. Grabiell:

The South Coast Air Quality Management District will open a thirty-day public comment period for a Proposed Renewal of Title V Permit. Enclosed is a copy of the Statement of Basis of the proposed permit, and the public notice.

Questions on the Statement of Basis of the proposed permit should be directed to Mr. Chris Perri, Air Quality Engineer, at (909) 396-2696 or cperri@aqmd.gov.

Sincerely,

Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Team
Engineering and Compliance

MDM:MYL:RGC:CDP

Enclosure



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

December 12, 2008

Robina Suwol
Executive Director
California Safe Schools
5925 Tobias Avenue
Van Nuys, CA 91411

SUBJECT: AES Redondo Beach
1100 N. Harbor Drive
Redondo Beach, CA 90277
Facility ID 115536

Dear Ms. Suwol:

The South Coast Air Quality Management District will open a thirty-day public comment period for a Proposed Renewal of Title V Permit. Enclosed is a copy of the Statement of Basis of the proposed permit, and the public notice.

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Sincerely,

Michael D. Mills

Michael D. Mills, P.E.
Senior Manager
General Commercial and Energy Team
Engineering and Compliance

MDM:MYL:RGC:CGP

Enclosure

CALIFORNIA NEWSPAPER SERVICE BUREAU

DAILY JOURNAL CORPORATION

Mailing Address : 915 E FIRST ST, LOS ANGELES, CA 90012
 Telephone (213) 229-5300 / Fax (213) 229-5481
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scaqmden1
SCAQMD/ENGINEERING & COMPLIANCE
21865 COPLEY DR 5TH FLR
DIAMOND BAR, CA 91765-4178

CNS 1487888

COPY OF NOTICE

**NOTICE OF
 PROPOSED RENEWAL
 TITLE V PERMIT**

Notice Type: GPN GOVT PUBLIC NOTICE
 Ad Description aqmden1

The South Coast Air Quality Management District (AQMD) is proposing to renew the existing Title V permit previously issued to the facility listed below:

Facility Locations and Contact People

AES Redondo Beach
 1100 N. Harbor Drive
 Redondo Beach, CA 90277
 Facility ID 115536
 Contact Person:

Steve Maghy
 Environmental Manager
 1100 N. Harbor Drive
 Redondo Beach, CA 90277

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The public may request the AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Chris Perri at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. Public hearing request forms and the schedule of public

To the right is a copy of the notice you sent to us for publication in the THE DAILY BREEZE. Please read this notice carefully and call us with any corrections. The Proof of Publication will be filed with the County Clerk, if required, and mailed to you after the last date below. Publication date(s) for this notice is (are):

12/19/2008

Daily Journal Corporation

Serving your legal advertising needs throughout California. Call your local office.

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|--|----------------|
| BUSINESS JOURNAL, RIVERSIDE | (951) 784-0111 |
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| SAN JOSE POST-RECORD, SAN JOSE | (408) 287-4866 |
| SONOMA COUNTY HERALD-RECORDER, SANTA ROSA | (707) 545-1166 |
| THE DAILY RECORDER, SACRAMENTO | (916) 444-2355 |
| THE INTER-CITY EXPRESS, OAKLAND | (510) 272-4747 |



hearings may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the Internet at <http://www.aqmd.gov/titlev>.

Requests for public hearings are due by January 3, 2008. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.

12/19/08
CNS-1487888#
THE DAILY BREEZE



South Coast Air Quality Management District
 P. O. Box 4944
 Diamond Bar, CA 91765
 (909) 396-2000

APPLICATION FOR PERMIT TO CONSTRUCT AND PERMIT TO OPERATE FORM 400 - A

Non-Title V Facilities: This form must be accompanied by one or more 400-E-xx series form(s). Complete this side of form only.
Title V Facilities: Complete both sides of this form. Include additional forms as necessary.

NC/NOV NUMBER:

INSPECTOR SECTOR

ISSUE DATE

Section I - Company Information

LEGAL NAME OF OPERATOR

AES Redondo Beach, LLC

IRS OR S. S. NUMBER

541163725

PERMIT TO BE ISSUED TO (SEE INSTRUCTIONS)

AES Redondo Beach, LLC

BUSINESS MAILING ADDRESS

1100 North Harbor Drive, Redondo Beach, CA 90277

PERMIT MAILING ADDRESS, IF DIFFERENT FROM BUSINESS MAILING ADDRESS

TYPE OF ORGANIZATION

Corporation Limited Partnership Government Entity
 Individual General Partnership Other (Fill in):

ARE YOU A SMALL BUSINESS? (SEE INSTRUCTIONS)

Yes No

AVERAGE ANNUAL GROSS RECEIPTS \$

NUMBER OF EMPLOYEES

IS YOUR BUSINESS 51% OR MORE WOMAN/MINORITY OWNED?

Yes No

THIS SECTION IS REQUIRED FOR ALL APPLICATIONS FOR NEW CONSTRUCTION OR MAJOR MODIFICATIONS.

ARE ALL MAJOR SOURCES UNDER SAME OWNERSHIP IN CALIFORNIA IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL AIR POLLUTION CONTROL RULES?

Yes No

ARE YOU THE OWNER OF THE EQUIPMENT UNDER THIS APPLICATION?

Yes No

IRS OR S. S. NUMBER

IF NO, ENTER THE LEGAL NAME OF OWNER

Section II - Facility Information

EQUIPMENT ADDRESS/LOCATION

1100 North Harbor Drive

FACILITY NAME

AES Redondo Beach, LLC

NUMBER/STREET

Redondo Beach

CA 90277

FACILITY ID NUMBER

1 1 5 5 3 6 *ok at*

CITY OR COMMUNITY

ZIP CODE

PRINT NAME OF CONTACT PERSON

RaNae Loveland

TITLE OF CONTACT PERSON

Environmental Specialist

TYPE OF BUSINESS AT THIS FACILITY

Electrical Power Generation

PRIMARY SIC CODE FOR THIS FACILITY

4 9 1 1

NUMBER OF EMPLOYEES AT THIS FACILITY

30

CONTACT PERSON'S TELEPHONE NUMBER

310-318-7418

CONTACT PERSON'S FAX NUMBER

310-318-7593

CONTACT PERSON'S E-MAIL ADDRESS

RaNae.Loveland@AES.com

Section III - Application Type

DESCRIPTION OF EQUIPMENT:

PREVIOUS PERMIT #S:

APPLICATION FOR (SEE INSTRUCTIONS):

NEW CONSTRUCTION CHANGE OF LOCATION
 EXISTING EQUIPMENT WITHOUT PERMIT MODIFICATION
 EXISTING EQUIPMENT WITH EXPIRED PERMIT CHANGE OF PERMITTEE
 CHANGE OF PERMIT CONDITION

ARE YOU SUBMITTING MULTIPLE APPLICATIONS FOR EQUIPMENT IDENTICAL TO THAT DESCRIBED ABOVE?
 Yes No

APPLICATION FOR NON-TITLE V EQUIPMENT PERMIT. CHECK THE SUPPLEMENTAL SERIES 400-E-xx FORM(S) SUBMITTED WITH THIS 400-A FORM:

- | | |
|--|--|
| <input type="checkbox"/> 400-E-1 • PARTICULATE MATTER (PM-10) CONTROL EQUIPMENT | <input type="checkbox"/> 400-E-13 • INTERNAL COMBUSTION EQUIPMENT |
| <input type="checkbox"/> 400-E-2 • VOLATILE ORGANIC COMPOUND (VOC) CONTROL EQUIPMENT | <input type="checkbox"/> 400-E-14 • OPEN PROCESS TANK |
| <input type="checkbox"/> 400-E-3 • SCRUBBER | <input type="checkbox"/> 400-E-14a • OPEN PROCESS TANK; PROCESS LINE |
| <input type="checkbox"/> 400-E-4 • ABRASIVE BLASTING EQUIPMENT | <input type="checkbox"/> 400-E-15 • PRINTING EQUIPMENT |
| <input type="checkbox"/> 400-E-6 • DEGREASER | <input type="checkbox"/> 400-E-16 • SOLID MATERIALS STORAGE EQUIPMENT |
| <input type="checkbox"/> 400-E-7 • DRY CLEANING EQUIPMENT | <input type="checkbox"/> 400-E-17 • SPRAY BOOTH/OPEN SPRAY |
| <input type="checkbox"/> 400-E-8 • ETHYLENE OXIDE STERILIZER | <input type="checkbox"/> 400-E-17a • POWDER SPRAY BOOTH |
| <input type="checkbox"/> 400-E-9 • EXTERNAL COMBUSTION EQUIPMENT | <input type="checkbox"/> 400-E-18 • STORAGE TANK (LIQUID & GASEOUS MATERIAL) |
| <input type="checkbox"/> 400-E-10 • FOOD BROILER/FRYER | <input type="checkbox"/> 400-E-19 • WAVE SOLDER MACHINE |
| <input type="checkbox"/> 400-E-11 • FUEL DISPENSING AND STORAGE EQUIPMENT | <input type="checkbox"/> 400-E-20 • ASBESTOS REMOVAL EQUIPMENT |
| <input type="checkbox"/> 400-E-12 • GAS TURBINE | <input type="checkbox"/> NONE • ADDITIONAL INFORMATION SUBMITTED AS REQUESTED ON FORM 400-E-GI |

APPLICATION FOR TITLE V FACILITY PERMIT. PROVIDE INFORMATION REQUESTED ON REVERSE SIDE OF THIS FORM.

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM:

TITLE OF RESPONSIBLE OFFICIAL OF FIRM:

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM:

C.J. Thompson

Plant Manager

RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER

310-318-7442

DATE SIGNED:

01/26/04

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM:

TITLE OF RESPONSIBLE OFFICIAL OF FIRM:

TYPE OR PRINT NAME OF PREPARER, IF PREPARED BY PERSON OTHER THAN RESPONSIBLE OFFICIAL OF FIRM:

Steven M. Lichten, REA, CPP (#B6003)

President

PREPARER'S TELEPHONE NUMBER

562-984-2079

DATE SIGNED:

01/26/04

TITLE V FACILITIES ONLY: COMPLETE OTHER SIDE

AQMD USE ONLY	APPLICATION/TRACKING # 426093	TYPE BCD	EQUIPMENT CATEGORY CODE: /	FEE SCHEDULE: \$	VALIDATION M 2/13/04
ENG. A R DATE	ENG. A R DATE	CLASS I III IV	ASSIGNMENT UNIT C ENGINEER	ENF SECT.	CHECK/MONEY ORDER # 295
				AMOUNT \$ 641.66	

CT # 34126



South Coast Air Quality Management District

Form 500-A2

TITLE V Application Certification

Mail Application To:
P.O. Box 4944
Diamond Bar, CA 91765
Tel: (909) 396-3385
www.aqmd.gov

Section I - Facility Information

1. Permit to be issued to (Business name of operator to appear on permit):
AES Redondo Beach, LLC

2. Valid AQMD Facility ID (Available on Permit or Invoice Issued by AQMD):
115536

3. This Certification is submitted with a (Check one):
 a. Title V Application (Initial, Revision or Renewal)
 b. Supplement/Correction to a Title V Application
 c. MACT Part 2

4. Is Form 500-C2 included with this Certification? Yes No

Section II - Responsible Official Certification Statement

I certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX and that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attached application forms and other materials are true, accurate, and complete.

Read each statement carefully and check each that applies -- You must check 3a or 3b.

1. For Initial, Permit Renewal, and Administrative Application Certifications:
- a. The facility, including equipment that are exempt from written permit per Rule 219, is currently operating and will continue to operate in compliance with all applicable requirement(s) identified in Section II and Section III of Form 500-C1,
 - i. except for those requirements that do not specifically pertain to such devices or equipment and that have been identified as "Remove" on Section III of Form 500-C1.
 - ii. except for those devices or equipment that have been identified on the completed and attached Form 500-C2 that will not be operating in compliance with the specified applicable requirement(s).
 - b. The facility, including equipment that are exempt from written permit per Rule 219, will meet in a timely manner, all applicable requirements with future effective dates.
2. For Permit Revision Application Certifications:
- a. The equipment or devices to which this permit revision applies, will in a timely manner comply with all applicable requirements identified in Section II and Section III of Form 500-C1.
3. For MACT Hammer Certifications:
- a. The facility is subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63), also known as the MACT "hammer." The following information is submitted with a Title V application to comply with the Part 1 requirements of Section 112(j). (If Part 2 has not been submitted, you must submit 500-MACT Part 2 with this form.)
 - b. The facility is not subject to Section 112(j) of the Clean Air Act (Subpart B of 40 CFR part 63).


Signature of Responsible Official

12/05/2008
Date

Buck Hunt
Type or Print Name of Responsible Official

(310) 318-7420
Phone

General Manager
Title of Responsible Official

(310) 318-7953
Fax

1100 N. Harbor Drive, Redondo Beach CA 90277
Address of Responsible Official City State Zip Code

Acid Rain Facilities Only: Turn page over & complete Section III



**Title V
Form 500-C1**

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
Compliance Status Report**

To provide the compliance status of your facility with applicable federally enforceable requirements and identify other local-only requirements, complete this form and attach it to a completed compliance certification Form 500-A2. As appropriate, all submittals of Form 500-C2 as appropriate should also be attached to this form.

Section I - General Information

1. Facility Name: AES Redondo Beach, LLC

Facility ID (6-Digit): 115536

PROCEDURES FOR DETERMINING COMPLIANCE STATUS

1. **Equipment verification:** Review the list of pending applications, and either the preliminary Title V facility permit or the list of current permits to operate that the AQMD provided you, to determine if they completely and accurately describe all equipment operating at the facility. Attach a statement to describe any discrepancies.
2. **Identify applicable requirements*:** Use the checklist in Section II to identify all applicable and federally-enforceable local, state, and federal rules and regulations, test methods, and monitoring, recordkeeping and reporting (MRR) requirements that apply to any equipment or process (including equipment exempt from a permit by Rule 219) at your facility.
The potential applicable requirements, test methods and MRR requirements are identified and listed adjacent to each given equipment/process description. Check off each box adjacent to the corresponding requirement as it applies to your particular equipment/process.
Note: Even if there is only one piece of equipment that is subject to a particular requirement, the appropriate box should be checked.
3. **Identify additional applicable requirements*:** Use Section III to identify any additional requirements not found in Section II. Section II is not a complete list of all applicable requirements. It does not include recently adopted NESHAP regulations by EPA or recent amendments to AQMD rules. Do not add rules listed in Section V here.
4. **Identify any requirements that do not apply to a specific piece of equipment or process:** Also use Section III to identify any requirements that are listed in Section II but that do not apply to a specific piece of equipment or process. Fill out Section III of this form and attach a separate sheet to explain the reason(s) why the identified rules do not apply. Note: Listing any requirement that does not apply to a specific piece of equipment will not provide the facility with a permit shield unless one is specifically requested by completing Form 500-D and is approved by AQMD.
5. **Identify SIP-approved rules that are not current AQMD rules:** Use Section IV to identify older versions of current AQMD rules that are the EPA-approved versions in the State Implementation Plan (SIP), and that are still applicable requirements as defined by EPA. The facility is not required to certify compliance with the items checked in Section IV provided that the non-SIP approved rule in Section II is at least as stringent as the older SIP-approved version in Section IV.**
6. **Identify Local-Only Enforceable Regulatory Requirements:** Use Section V to identify AQMD rules that are not SIP-approved and are not federally enforceable.
7. **Determine compliance:** Determine if all equipment and processes are complying with all requirements identified in Sections II and III. If each piece of equipment complies with all applicable requirements, complete and attach Form 500-A2 to certify the compliance status of the facility. If any piece of equipment is not in compliance with any of the applicable requirements, complete and attach Form 500-C2 in addition to Form 500-A2.

* The following AQMD rules and regulations are not required to be included in Section II and do not have to be added to Section III: Regulation I, List and Criteria in Regulation II, Rule 201, Rule 201-J, Rule 202, Rule 203, Rule 205, Rule 206, Rule 207, Rule 208, Rule 209, Rule 210, Rule 212, Rule 214, Rule 215, Rule 216, Rule 217, Rule 219, Rule 220, Rule 221, Regulation III, Regulation V, Regulation VII, Regulation VIII, Regulation XII, Regulation XV, Regulation XVI, Regulation XIX, Regulation XXI, Regulation XXII, and Regulation XXX.

** Emission units adversely affected by the gap between current and SIP-approved versions of rules may initially be placed in a non-Title V portion of the permit

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Asphalt	See Manufacturing, Asphalt Processing & Asphalt Roofing	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Asphalt Concrete/Batch Plants	<input type="checkbox"/> 40 CFR60 SUBPART I	<input type="checkbox"/> Rule 1173(i)	<input type="checkbox"/> Rule 1173(i)
<input type="checkbox"/> Benzene Emissions, Maleic Anhydride Plants,	<input type="checkbox"/> Rule 1173 (12/06/02)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
<input type="checkbox"/> Ethylbenzene/Styrene Plants, Benzene Storage Vessels, Benzene Equipment Leaks, & Coke By-Product Recovery Plants	<input type="checkbox"/> 40 CFR61 SUBPART L <input type="checkbox"/> 40 CFR61 SUBPART Y <input type="checkbox"/> 40 CFR63 SUBPART R <input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Transfer Operations	<input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR61 SUBPART BB <input type="checkbox"/> 40 CFR63 SUBPART Y	<input type="checkbox"/> Rule 1142(e) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1142(h) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Benzene Waste Operations	<input type="checkbox"/> Rule 1176 (09/13/96) <input type="checkbox"/> 40 CFR61 SUBPART FF <input type="checkbox"/> 40 CFR63 SUBPART CC	<input type="checkbox"/> Rule 1176(h) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1176(f) & (g) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions	<input type="checkbox"/> 40 CFR61 SUBPART C	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Beryllium Emissions, Rocket Motor Firing	<input type="checkbox"/> 40 CFR61 SUBPART D	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (05/13/94) <input type="checkbox"/> Rule 1146.2 (01/07/05) <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input type="checkbox"/> Rule 1146.1(d) N/A See Applicable Subpart	<input type="checkbox"/> Rule 1146.1(c)(2) & (c)(3) N/A See Applicable Subpart
<input type="checkbox"/> Boiler, < 5 Mmbtu/Hr (RECLAIM sources)	<input type="checkbox"/> Rule 1146.1 (05/13/94) - excluding NOx requirements	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (non-RECLAIM sources)	<input type="checkbox"/> 40 CFR63 SUBPART DDDDD <input type="checkbox"/> Rule 218 (05/14/99) <input type="checkbox"/> Rule 429 (12/21/90) <input type="checkbox"/> Rule 475 (08/07/78) <input type="checkbox"/> Rule 476 (10/08/76) <input type="checkbox"/> Rule 1146 (11/17/00) <input type="checkbox"/> 40 CFR60 SUBPART D <input type="checkbox"/> 40 CFR60 SUBPART Da <input type="checkbox"/> 40 CFR60 SUBPART Dc <input type="checkbox"/> 40 CFR63 SUBPART DDDDD	See Applicable Subpart AQMD TM 100.1 N/A AQMD TM 5.1, 5.2, or 5.3 AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 Rule 1146(d) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart
<input checked="" type="checkbox"/> Boiler, ≥ 5 Mmbtu/Hr (RECLAIM sources)	<input checked="" type="checkbox"/> Rule 475 (08/07/78) <input checked="" type="checkbox"/> Rule 476 (10/08/76) - excluding NOx requirements <input checked="" type="checkbox"/> Rule 1146 (11/17/00) - excluding NOx requirements <input checked="" type="checkbox"/> Rule 2011 (12/05/03) or Rule 2012 (12/05/03) <input type="checkbox"/> 40 CFR60 SUBPART D <input type="checkbox"/> 40 CFR60 SUBPART Da <input type="checkbox"/> 40 CFR60 SUBPART Dc <input checked="" type="checkbox"/> 40 CFR63 SUBPART DDDDD	<input checked="" type="checkbox"/> AQMD TM 5.1, 5.2, or 5.3 <input checked="" type="checkbox"/> AQMD TM 7.1, 100.1, 5.1, 5.2, or 5.3 <input type="checkbox"/> Rule 1146(d) <input checked="" type="checkbox"/> Rule 2011, App. A (12/05/03) or Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1146(c)(6) & (c)(7) <input checked="" type="checkbox"/> Rule 2011, App. A (12/05/03) or Rule 2012, App. A (12/05/03) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart

KEY ABBREVIATIONS:	Reg. = AQMD Regulation Rule = AQMD Rule	App. = Appendix AQMD TM = AQMD Test Method	CFR = Code of Federal Regulations CCR = California Code of Regulations
			AQMD Form 500-C1 Rev. 05/05 Page 3 of 3

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Coating Operation, Aerospace Assembly & Component Manufacturing	<input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR60 SUBPART RR <input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1124 (09/21/01) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART GG	<input type="checkbox"/> Rule 1171(f) See Applicable Subpart <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1124(e) & (f) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	<input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart <input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1124(j) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Graphic Arts (Gravure, Letter Press, Flexographic & Lithographic Printing Process, Etc.)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1130 (10/08/99) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR60 SUBPART QQ <input type="checkbox"/> 40 CFR60 SUBPART RR <input type="checkbox"/> 40 CFR60 SUBPART FFF <input type="checkbox"/> 40 CFR60 SUBPART VVV <input type="checkbox"/> 40 CFR63 SUBPART KK <input type="checkbox"/> 40 CFR63 SUBPART JJJ	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1130(h) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1130(e) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Magnet Wire Coating	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1126 (01/13/95) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1126(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1126(c)(4) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Coating Operation, Marine Coating (Except for recreational equipment)	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1106 (01/13/95) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART II	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1106(e) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1106(c)(5) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Coating	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1107 (11/09/01) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR60 SUBPART EE <input type="checkbox"/> 40 CFR60 SUBPART SS <input type="checkbox"/> 40 CFR63 SUBPART NNNN <input type="checkbox"/> 40 CFR63 SUBPART MMMM <input type="checkbox"/> 40 CFR63 SUBPART RRRR	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1107(f) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1107(k) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Coating Operation, Metal Containers, Closure, & Coil Coating Operations	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1125 (01/13/95)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1125(e)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1125(c)(6)

KEY
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 Rule = AQMD Rule
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Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input checked="" type="checkbox"/> Coating Operation, Use Of Architectural Coating (Stationary Structures)	<input type="checkbox"/> 40 CFR63 SUBPART KK <input checked="" type="checkbox"/> Rule 109 (05/02/03) <input checked="" type="checkbox"/> Rule 481 (01/11/02) <input checked="" type="checkbox"/> Rule 1113 (07/09/04) <input checked="" type="checkbox"/> Rule 1132 (05/07/04) <input checked="" type="checkbox"/> Rule 1171 (11/07/03)	See Applicable Subpart <input checked="" type="checkbox"/> Rule 109(g) <input checked="" type="checkbox"/> Rule 481(d) <input checked="" type="checkbox"/> Rule 1113(c) <input checked="" type="checkbox"/> Rule 1132(f) <input checked="" type="checkbox"/> Rule 1171(f)	See Applicable Subpart <input checked="" type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input checked="" type="checkbox"/> Rule 1171(c)(6) <input type="checkbox"/> Rule 109(e)
<input type="checkbox"/> Coating Operation, Wood Flat Stock	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1104 (08/13/99) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1171 (11/07/03)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1104(c) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1104(d) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coating Operation, Wood Products (Commercial Furniture, Cabinets, Shutters, Frames, Toys)	<input type="checkbox"/> 40 CFR63 SUBPART II <input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 481 (01/11/02) <input type="checkbox"/> Rule 1132 (05/07/04) <input type="checkbox"/> Rule 1136 (06/14/96) <input type="checkbox"/> Rule 1171 (11/07/03)	See Applicable Subpart <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 481(d) <input type="checkbox"/> Rule 1132(f) <input type="checkbox"/> Rule 1136(f) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1132(g) <input type="checkbox"/> Rule 1136(d) & (g) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Coater	See Coating Operations	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Columns	See Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Composting Operation	<input type="checkbox"/> Rule 1133 (01/10/03) <input type="checkbox"/> Rule 1133.1 (01/10/03) <input type="checkbox"/> Rule 1133.2 (01/10/03)	<input type="checkbox"/> Rule 1133.1(e) <input type="checkbox"/> Rule 1133.2(g)	<input type="checkbox"/> Rule 1133.1(d) <input type="checkbox"/> Rule 1133.2(h)
<input type="checkbox"/> Compressors	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
<input type="checkbox"/> Concrete Batch Plants	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Consumer Product Manufacturing	See Manufacturing, Consumer Product		
<input type="checkbox"/> Cooling Tower, Hexavalent Chromium	40 CFR63 SUBPART Q	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Copper Electroplating Operation	Rule 1426 (05/02/03)		Rule 1426(e)
<input type="checkbox"/> Crude Oil Production	See Oil Well Operations		
<input type="checkbox"/> Crusher	See Nonmetallic Mineral Processing Plants		
<input type="checkbox"/> Dairy Farms and Related Operations	Rule 1127	Rule 1127(h)	Rule 1127(g)
<input type="checkbox"/> Degreasers	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1122 (10/01/04) <input type="checkbox"/> Rule 1171 (11/07/03)	<input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1122(h) <input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 109(c) <input type="checkbox"/> Rule 1122(f) <input type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Dry Cleaning, Perchloroethylene	40 CFR63 SUBPART T	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Dry Cleaning, Petroleum Solvent	Rule 1421 (12/06/02)	Rule 1421(e) & (f)	Rule 1421(g) & (h)
<input type="checkbox"/> Dryers, Mineral Industries	Rule 109 (05/02/03)	Rule 109(g)	Rule 109(e)
<input type="checkbox"/> Ethylene Oxide Sterilizer	40 CFR60 SUBPART JJJ	Rule 1102 (11/17/00)	Rule 1102(f)
<input type="checkbox"/> Flanges	40 CFR60 SUBPART UUU	See Applicable Subpart	See Applicable Subpart
	See Sterilizer, Ethylene Oxide	See Applicable Subpart	See Applicable Subpart
	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		

Section II - Applicable Requirements, Test Methods & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Manufacturing, Polymeric Cellular Foam	<input type="checkbox"/> Rule 1175 (05/13/94) <input type="checkbox"/> 40 CFR63 SUBPART UUUU <input type="checkbox"/> 40 CFR82 SUBPART H	<input type="checkbox"/> Rule 1175(f) See Applicable Subpart See Applicable Subpart	<input type="checkbox"/> Rule 1175(e) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Products Containing Halon Blends	<input type="checkbox"/> Rule 443.1 (12/05/86)	N/A	N/A
<input type="checkbox"/> Manufacturing, Products Containing Organic Solvents	<input type="checkbox"/> 40 CFR82 SUBPART A <input type="checkbox"/> 40 CFR82 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART WWW	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Reinforced Plastic Composites	<input type="checkbox"/> 40 CFR63 SUBPART SSSSS <input type="checkbox"/> Rule 1141 (11/17/00) <input type="checkbox"/> 40 CFR63 SUBPART W <input type="checkbox"/> 40 CFR63 SUBPART XXXX	See Applicable Subpart <input type="checkbox"/> Rule 1141(d) See Applicable Subpart See Applicable Subpart	See Applicable Subpart <input type="checkbox"/> Rule 1141(c) See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Refractory Products	<input type="checkbox"/> Rule 109 (05/02/03) <input type="checkbox"/> Rule 1164 (01/13/95) <input type="checkbox"/> Rule 1171 (11/07/03) <input type="checkbox"/> 40 CFR63 SUBPART BBBBB	See Applicable Subpart <input type="checkbox"/> Rule 109(g) <input type="checkbox"/> Rule 1164(e) <input type="checkbox"/> Rule 1171(f) See Applicable Subpart	See Applicable Subpart <input type="checkbox"/> Rule 109(e) <input type="checkbox"/> Rule 1164(c)(5) <input type="checkbox"/> Rule 1171(c)(6) See Applicable Subpart
<input type="checkbox"/> Manufacturing, Resin	<input type="checkbox"/> Rule 443 (05/07/76) <input type="checkbox"/> Rule 469 (02/13/81) <input type="checkbox"/> 40 CFR60 SUBPART H <input type="checkbox"/> 40 CFR60 SUBPART Cd	N/A <input type="checkbox"/> AQMD TM 6.1 or 6.2 See Applicable Subpart See Applicable Subpart	N/A See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Rubber Tire	<input type="checkbox"/> Rule 1141.2 (01/11/02) <input type="checkbox"/> 40 CFR60 SUBPART III <input type="checkbox"/> 40 CFR60 SUBPART NNN	See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Semiconductors	<input type="checkbox"/> 40 CFR60 SUBPART RRR	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Solvent	<input type="checkbox"/> 40 CFR61 SUBPART F <input type="checkbox"/> Rule 1121 (09/03/04) <input type="checkbox"/> 40 CFR60 SUBPART PPP <input type="checkbox"/> Rule 1127 <input type="checkbox"/> Rule 1142 (07/19/91) <input type="checkbox"/> 40 CFR63 SUBPART Y <input type="checkbox"/> 40 CFR61 SUBPART E <input type="checkbox"/> 40 CFR63 SUBPART IIII <input type="checkbox"/> 40 CFR82 SUBPART B <input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart N/A See Applicable Subpart <input type="checkbox"/> Rule 1127(h) <input type="checkbox"/> Rule 1142(e) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart	See Applicable Subpart N/A See Applicable Subpart <input type="checkbox"/> Rule 1127(g) <input type="checkbox"/> Rule 1142(h) See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart See Applicable Subpart
<input type="checkbox"/> Manufacturing, Sulfuric Acid	<input type="checkbox"/> 40 CFR60 SUBPART Cb	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Processes			
<input type="checkbox"/> Manufacturing, Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes			
<input type="checkbox"/> Manufacturing, Vinyl Chloride			
<input type="checkbox"/> Manufacturing, Water Heaters			
<input type="checkbox"/> Manufacturing, Wool Fiberglass Insulation			
<input type="checkbox"/> Manure Processing Operations			
<input type="checkbox"/> Marine Tank Vessel Operations			
<input type="checkbox"/> Mercury Emissions			
<input type="checkbox"/> Motor Vehicle Air Conditioners with Ozone Depleting Substances (ODS): Repair, Service, Manufacturing, Maintenance, or Disposal			
<input type="checkbox"/> Municipal Waste Combustors			

Section II - Applicable Requirements, Test Methods, & MRR Requirements

EQUIPMENT/PROCESS	APPLICABLE REQUIREMENT	TEST METHOD	MRR REQUIREMENT
<input type="checkbox"/> Petroleum Refineries, Storage Tanks	<input type="checkbox"/> Rule 466 (10/07/83)	<input type="checkbox"/> Rule 466(f)	<input type="checkbox"/> Rule 466(e)
	<input type="checkbox"/> Rule 466.1 (03/16/84)	<input type="checkbox"/> Rule 466.1(g)	<input type="checkbox"/> Rule 466.1(h)
	<input type="checkbox"/> Rule 467 (03/05/82)	<input type="checkbox"/> Rule 467(f)	<input type="checkbox"/> Rule 467(e)
	<input type="checkbox"/> 40 CFR60 SUBPART GGG	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR61 SUBPART V	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 463 (05/06/05)	<input type="checkbox"/> Rule 463(g)	<input type="checkbox"/> Rule 463(e)(5)
	<input type="checkbox"/> Rule 1178 (12/11/01)	<input type="checkbox"/> Rule 1178(i)	<input type="checkbox"/> Rule 1178(f) & (h)
	<input type="checkbox"/> 40 CFR60 SUBPART K	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR60 SUBPART Ka	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> 40 CFR60 SUBPART Kb	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART F	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART G	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART H	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART I	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART R	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> 40 CFR63 SUBPART EEEE	See Applicable Subpart	See Applicable Subpart	
<input type="checkbox"/> Petroleum Refineries, Wastewater Systems	<input type="checkbox"/> Rule 1176 (09/13/96)	<input type="checkbox"/> Rule 1176(h)	<input type="checkbox"/> Rule 1176(f) & (g)
	<input type="checkbox"/> Rule 464 (12/07/90)	N/A	
	<input type="checkbox"/> 40 CFR60 SUBPART QQQ	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR63 SUBPART CC	See Applicable Subpart	See Applicable Subpart
<input type="checkbox"/> Pharmaceuticals & Cosmetics Manufacturing <input type="checkbox"/> Polyester Resin Operation	<input type="checkbox"/> Rule 1103 (03/12/99)	<input type="checkbox"/> Rule 1103(f)	<input type="checkbox"/> Rule 1103(e)
	<input type="checkbox"/> Rule 109 (05/02/03)	<input type="checkbox"/> Rule 109(g)	<input type="checkbox"/> Rule 109(c)
	<input type="checkbox"/> Rule 1162 (07/09/04)	<input type="checkbox"/> Rule 1162(f)	<input type="checkbox"/> Rule 1162(e)
	<input type="checkbox"/> Rule 1171 (11/07/03)	<input type="checkbox"/> Rule 1171(f)	<input type="checkbox"/> Rule 1171(c)(6)
<input type="checkbox"/> Primary Magnesium Refining <input type="checkbox"/> Printing Press <input type="checkbox"/> Publicly Owned Treatment Works Operations <input type="checkbox"/> Pumps <input type="checkbox"/> Recycling & Recovery Equipment for Ozone Depleting Substances (ODS) <input type="checkbox"/> Refrigerant Reclaimers for Ozone Depleting Substances (ODS) <input type="checkbox"/> Rendering Plant <input type="checkbox"/> Rock Crushing	<input type="checkbox"/> 40 CFR63 SUBPART JTTTT	See Applicable Subpart	See Applicable Subpart
	See Coating Operations		
	<input type="checkbox"/> Rule 1179 (03/06/92)	<input type="checkbox"/> Rule 1179(e)	<input type="checkbox"/> Rule 1179(c) & (d)
	<input type="checkbox"/> 40 CFR60 SUBPART O	See Applicable Subpart	See Applicable Subpart
	See Fugitive Emissions or Petroleum Refineries, Fugitive Emissions		
	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> 40 CFR82 SUBPART F	See Applicable Subpart	See Applicable Subpart
	<input type="checkbox"/> Rule 472 (05/07/76)	N/A	<input type="checkbox"/> Rule 472(b)
	See Nonmetallic Mineral Processing Plants		

Section V - AQMD Rules That Are Not SIP-Approved (Continued on Following Page)					
1469	05/02/03	<input type="checkbox"/>	2009.1	05/11/01	<input type="checkbox"/>
1469.1	03/04/05	<input type="checkbox"/>	2020	05/11/01	<input type="checkbox"/>
1470	03/04/05	<input type="checkbox"/>	2501	05/09/97	<input type="checkbox"/>
2009	01/07/05	<input checked="" type="checkbox"/>	2506	12/10/99	<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

South Coast Air Quality Management District

Statement of Basis

Proposed Title V Renewal Permit

Facility Name: AES Redondo Beach, LLC
Facility ID: 115536
SIC Code: 4911
Equipment Location: 1100 North Harbor Dr
Redondo Beach, CA 90277

Application #(s): 426093
Application Submittal Date(s): 02/12/04

Permit Revision #: varies depending on the section.
Revision Date: 1/1/08
Permit Section(s) Affected: All sections (A-K, plus Appendices A and B)

AQMD Contact Person: Chris Perri, Air Quality Engineer
Phone Number: (909) 396-2696
E-Mail Address: cperri@aqmd.gov

1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. Title V permits are issued in 5 year terms, after which the facility must apply to have the permit renewed. The Title V permit for this facility expired on August 18, 2004. The facility has submitted the necessary information to renew their permit and has satisfied the requirements to obtain an application shield, which allows the continued operation of the facility under the terms and conditions of the existing permit until the permit renewal is approved.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO₂, SO₂, and lead are in attainment with federal standards. The status of CO has also recently been changed to attainment. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment. For the South Coast Air Basin (SOCAB) the threshold levels are as follows:

compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

7. Summary of Emissions and Health Risks

**Criteria Pollutant Emissions (tons/year)
Annual Reported Emissions for Reporting Period 2006**

Pollutant	Emissions (tons/year)
NO _x	39.8
CO	553.5
VOC	10.4
PM	12.3
SO _x	1.05

**Toxic Air Contaminants Emissions (TAC)
Annual Reported Emissions for Reporting Period 2003/2004**

The Following TACs Were Reported	Emissions (lbs/yr)
1,3 Butadiene	0.011
Ammonia	3719
Arsenic	<0.001
Asbestos	<0.001
Benzene	6.6
Cadmium	<0.001
Hex Chrome	<0.001
Formaldehyde	14.0
Lead (inorganic)	<0.001
Naphthalene	1.2
Nickel	<0.001
Polynuclear aromatic hydrocarbons (PAHs)	0.387
Trichloroethylene	174.7

Health Risk from Toxic Air Contaminants

The facility is subject to review by the Air Toxics Information and Assessment Act (AB2588). The Final Facility Health Risk was approved in 1998 with the following risk factors:

Cancer Risk	0.40 in one million
Acute Hazard Index	0.01
Chronic Hazard Index	0.04

Pollutant	SOCAB Major Source Thresholds
VOC	10
NOx	10
SOx	100
CO	50
PM-10	70
Single HAP	10
Combination of HAPS	25

A Title V permit is proposed to be issued to cover the operations of AES Redondo Beach, LLC located at 1100 North Harbor Dr, Redondo Beach. This facility is subject to Title V requirements because it is a major source of one or more criteria pollutants.

2. Facility Description

This is an existing facility that is in the business of producing electrical power. This facility operates 5 utility steam boiler/turbine generators along with auxiliary equipment to produce power for the State of California. Total facility generating capacity is about 1,310 MWs. The 2 largest units are rated at 480 MWs, and were retrofit with SCRs in the 1990's. These units have NOx BARCT limits of 5 ppm and ammonia slip limits of 20 ppm. The 2 smaller units were retrofit with SCRs back in 2001-2002. The NOx limit on those units is 7 ppm, the CO limit is 500 ppm, and the ammonia slip limit is 10 ppm. There are also two 20,000 gallon aqueous ammonia storage tanks and various other auxiliary equipment on site. The small gasoline dispensing unit is no longer used and has been removed from the permit.

3. Construction and Permitting History

The facility was originally constructed in the 1950's by Southern California Edison. There have been relatively few modifications to equipment at the facility in the recent past. The boilers were retrofit with fuel oil additive systems in the 1980's to alleviate a fall-out problem when burning fuel oil, however the units do not burn fuel oil anymore (the facility recently requested that all fuel oil equipment be removed from the permit). In the 1990's units 7 and 8 were retrofit with SCRs. In 2001, SCRs were added to units 5 and 6. In 2003, the NOx BARCT limits were added to all the boilers. SCE owned and operated the plant until 1998 at which time it was divested to AES. An initial Title V permit was issued to the facility on August 19, 1999. Since the Title V permit was issued, the only changes to the permit has been the addition of the SCRs on units 5 and 6, and the addition of the BARCT limits.

4. Regulatory Applicability Determinations

Applicable legal requirements for this facility are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations.

The following summarizes the key rules that apply to the major equipment at this site:

Boilers

401 – Visible Emissions

402 – Nuisance

407 – Liquid and Gaseous Air Contaminants (CO and SO₂ emissions)

409 – Combustion Contaminants (PM emissions)

431.1 – Sulfur Content of Natural Gas

2009 – BARCT for Power Producing Facilities (NO_x emissions)

2012 – NO_x RECLAIM (monitoring, recordkeeping and reporting of NO_x)

Regulation XXX – Title V

40CFR 72 – Acid Rain (SO₂ emissions)

This facility is not subject to any MACT standards because the emissions of hazardous air pollutants are below the major source thresholds of 10 tpy for any single HAP and 25 tpy combined HAPs. There are no area source MACT standards which apply to this facility.

Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 do not apply to the boilers at this facility because they employ continuous emissions monitors for NO_x emissions [exempt by continuous compliance determination of section 64.2(b)(vi)], and there is no control equipment for CO emissions.

5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for the facility are identified in the Title V permit (for example, Section D, F, and J and Appendix B of the proposed Title V permit). Detailed discussion of any applicable monitoring and operational requirements can be found in the Engineering Evaluations. Under Reclaim, the boilers are required to maintain a CEMS for NO_x emissions, and report daily mass emissions through the RTU. As part of the CEMS, the boilers are also required to be equipped with fuel flow meters. The facility is required to monitor the exhaust gas temperature and the differential pressure across the SCR catalyst bed to insure that each of the SCRs is working properly. The boilers are not subject to any Federal New Source Performance Standards.

6. Permit Features

Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility explicit protection from requirements that may be incorrectly specified in the permit. A permit shield is a provision in a permit that states that compliance with the conditions contained in the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed

8. Compliance History

As noted, the facility has been in constant operation since the 1950's. The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had 0 citizen complaints filed, 0 Notices to Comply issued, and 1 Notice of Violation issued in the last two calendar years.

9. Compliance Certification

By virtue of the Title V permit application and renewal of this permit, the reporting frequency for compliance certification for the facility shall be annual.

10. Comments

There are no comments at this time.

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TITLE V PERMIT RENEWAL

COMPANY NAME AND ADDRESS:

AES Redondo Beach
1100 Harbor Dr
Redondo Beach, CA 90277

EQUIPMENT LOCATION:

1100 Harbor Dr
Redondo Beach, CA 90277

BACKGROUND:

This is an existing facility which is in the business of providing electrical power to the State of California. This facility operates 5 utility boilers along with auxiliary equipment. Total facility generating capacity is about 1,310 MW's.

The facility was issued its initial Title V permit on August 19, 1999. The Title V permit expired on August 18, 2004, however the facility submitted its Title V renewal application on February 13, 2004 (deemed complete on September 29, 2004), which is within the timeframe required to obtain an application shield. AQMD sent a letter to the facility on October 6, 2004 indicating that an application shield had been granted, therefore, the facility is currently operating under its application shield.

The application package contained the required forms, appropriately completed and signed, as follows:

400-A	500-C1	500-B	500-MACT
500-A2	500-H	400-CEQA	500-F1

Along with a fee of \$645.86, which was the correct fee for this type of application at the time of filing.

AES has resubmitted the 500-C1 form using the latest version and recertified with a 500-A2 form.

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COMPLIANCE RECORD REVIEW:

There are currently no outstanding compliance issues with the facility. The facility was issued 2 Notices to Comply and 7 Notice of Violation since the initial Title V permit was issued, the most recent in 2007. The notices are summarized below:

Notice #	Violation Date	Description
C56850	11/17/99	
C57169	12/21/00	Provide answers to questions regarding NOx emissions
D04855	1/19/07	Calibrate temperature, ammonia flow, and pressure gauges
P28068	11/17/99	NOx emissions exceed annual allocation
P37100	1/1/00	NOx emissions for Year 2000 exceed annual allocation
P37110	3/2/03	Failure to submit annual compliance certification for 2002
P37113	1/1/03	Failure to perform RATA on Boiler #17
P37136	1/1/03	NOx emissions exceed annual allocation
P43494	8/9/06	Boiler exceeded NOx limit of 7 ppm

DISCUSSION:

AES requested several modifications to their permit in a letter dated February 12, 2004. In response to that letter, the underground gasoline tank and dispensing nozzles D73 and D74 and associated conditions D182.2, D330.1, H23.2, J109.1, J110.1, and K180.2 were deleted from the permit.

AES requested other modifications to the permit which were not approved at this time:

Boilers 7 and 8

AES is requesting that magnesium tanks D19 and D30 (associated with Boilers 8 and 7 respectively) and all fuel oil descriptions and conditions be removed from the boilers. The boilers are currently in Section D under Permit to Operate, therefore an application for modification is recommended to address these changes.

Boilers 5 and 6

AES is requesting that the fuel oil additive injector systems C21 and C24 (associated with Boilers 5 and 6 respectively) and all fuel oil descriptions and conditions be removed from the boilers. The boilers are currently operating under Permits to Construct to add SCR systems, and are listed in Section H. Once the final Permits to Operate for the boilers are issued, and the equipment is moved to Section D, the injectors will be deleted from the permit, and the fuel oil descriptions will be removed.

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Boiler 17

AES is requesting that the refinery gas description and conditions be removed from this boiler. The boiler is currently in Section D under Permit to Operate, therefore an application for modification is recommended to address these changes.

Several additional changes were made to clarify the permit:

Boilers 5, 6, 7, 8, and 17 (Devices D20, D23, D6, D8, and D72)

Condition H23.1 was added to clarify that the equipment is subject to Rule 431.1. Condition B61.2, which specified that the equipment was subject to a sulfur limit of 80 ppm, was removed because it is no longer applicable.

Boilers and SCRs 7 and 8 (Devices D6, D8, C26 and C28)

Condition D28.1 which requires ammonia slip testing, was moved from the boilers (D7 and D8) to the SCRs (C26 and C28).

Boiler 6 (Device D23)

Condition A195.1, which specifies the ammonia slip limit and the method to calculate it, was deleted from D23 (Boiler #6) because it does not apply. The condition remains on SCRs C79 and C81.

AES was also asked to provide the appropriate operating parameters to be included in the permit for conditions that require a monitoring device.

AES provided the following information:

Parameter	Devices	Condition	Minimum	Maximum
Exhaust temp into the SCR catalyst	C26, C28	D12.1	425 deg F	750 deg F
Exhaust temp into the SCR catalyst	C79, C81	D12.6	465 deg F	800 deg F
Ammonia injection rate	C26, C28	D12.4	0	180 gal/hr
Ammonia injection rate	C79, C81	D12.5	0	100 gal/hr
Differential pressure across SCR catalyst	C79, C81	D12.7	0	10" H2O

This application is subitted as a Title V renewal as required by Rule 3004. As required by Rule 3003, the permit renewal is subject to a 30 day public notice and a 45 day EPA review process. The facility was given a draft copy of the permit to review, prior to issuing the draft for public and EPA review. Any comments received can be referenced in the appendicies.

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RECOMMENDATION:

After completion of the public notice and EPA review period, a Title V renewal permit should be issued for a new 5 year period, incorporating the above-described changes.

CONDITIONS:

The following conditions are being added/modified:

C26, C28

D12.1

The operator shall install and maintain a(n) gauge to accurately indicate the temperature at the inlet of the selective catalytic reduction (SCR) unit.

The operator shall maintain the temperature between 425 and 750 degrees F except during start ups and shutdowns.

D12.4

The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the flow rate of the total hourly throughput of injected ammonia.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the ammonia injection rate between 0 and 180 gals/hr.

C79, C81

D12.5

The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the flow rate of the total hourly throughput of injected ammonia.

The operator shall also install and maintain a device to continuously record the parameter being measured.

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The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the ammonia injection rate between 0 and 100 lbs/hr.

D12.6

The operator shall install and maintain a(n) gauge to accurately indicate the temperature at the inlet of the selective catalytic reduction (SCR) unit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the temperature between 465 and 800 degrees F except during start ups and shutdowns.

D12.7

The operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure across the SCR catalyst bed in inches water column.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the differential pressure between 0 and 10 inches of water column.

This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1470

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D20, D23, D6, D8, and D72

H23.3

This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Sulfur Compounds	District Rule	431.1

B61.2

The operator shall not use natural gas containing the following specified compounds:

Compound	PPM by Volume
Sulfur Compounds	40

D6, D8

D28.1

The operator shall conduct source testing in accordance with the following specifications:

~~The test shall be conducted at least annually
 The test shall be conducted to determine the ammonia emissions at the outlet
 The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit
 The test shall be conducted to determine the ammonia emissions using District Method 207.1 measured over a 60 minute averaging period.~~

C26 and C28

D28.1

The operator shall conduct source testing in accordance with the following specifications:

**The test shall be conducted at least annually
 The test shall be conducted to determine the ammonia emissions at the outlet
 The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit
 The test shall be conducted to determine the ammonia emissions using District Method 207.1 measured over a 60 minute averaging period.**

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D23

A195.1

The 10 ppmv NH₃ emission limit(s) is averaged over 60 mins at 3 percent O₂ dry. The operator shall calculate and continuously record the NH₃ slip concentration using the following: $NH_3 \text{ (ppmv)} = [a \cdot (b \cdot c / 1000000)] \cdot 1000000 / b$, where a = NH₃ injection rate (lb/hr) / 17 (lb/lbmole), b = dry exhaust gas flow rate (lb/hr) / 29 (lb/lbmole), and c = change in measured nox across the SCR (ppmvd at stack O₂). The operator shall install and maintain a NO_x analyzer to measure the SCR inlet NO_x ppmv accurate to plus or minus 5 percent calibrated at least once every 12 months.

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Appendix A
Response to Facility Comments

AES reviewed the draft permit and sent a letter to AQMD dated 7/22/08 commenting on the permit. Most of the comments were the same as in the original comment letter of 2/12/04, ie remove all reference, conditions, and equipment pertaining to fuel oil firing in the boilers.

In response to these comments, AQMD finalized the Permit to Operate evaluations for the boilers, moved the boilers and their associated SCRs to Section D (devices D20/C79 and D23/C81), and removed all reference, conditions, and equipment associated with fuel oil from both Sections D and H. Details concerning the specific changes made can be referenced in the files for Boilers 5 and 6 and their SCRs (A/N's 408714, 408716, 376879, and 376881).

FACILITY PERMIT TO OPERATE

**AES REDONDO BEACH, LLC
1100 N HARBOR DR
REDONDO BEACH, CA 90277**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

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B	RECLAIM Annual Emission Allocation	DRAFT	11/25/2008
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	11/25/2008
E	Administrative Conditions	DRAFT	11/25/2008
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	11/25/2008
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	11/25/2008
H	Permit To Construct and Temporary Permit to Operate	DRAFT	11/25/2008
I	Compliance Plans & Schedules	DRAFT	11/25/2008
J	Air Toxics	DRAFT	11/25/2008
K	Title V Administration	DRAFT	11/25/2008
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A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	11/25/2008
B	Rule Emission Limits	DRAFT	11/25/2008

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: AES REDONDO BEACH, LLC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 1100 N. HARBOR DR
REDONDO BEACH, CA 90277

MAILING ADDRESS: 1100 N HARBOR DR
REDONDO BEACH, CA 90277

RESPONSIBLE OFFICIAL: BUCK HUNT

TITLE: GENERAL MANAGER

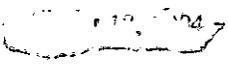
TELEPHONE NUMBER: (310) 318-7420

CONTACT PERSON: RANAE LOVELAND

TITLE: ENVIRONMENTAL COORDINATOR

TELEPHONE NUMBER: (310) 318-7418

TITLE V PERMIT ISSUED: 

TITLE V PERMIT EXPIRATION DATE: 

TITLE V	RECLAIM
YES	NOx: YES SOx: NO CYCLE: 1 ZONE: COASTAL

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year		Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 11/25/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin (month/year)	End				
1/2006	12/2006	Coastal	545919	368723	0
1/2007	12/2007	Coastal	545919	284472	0
1/2008	12/2008	Coastal	545919	447807	14740
1/2009	12/2009	Coastal	545919	437567	29480
1/2010	12/2010	Coastal	545919	422827	44219
1/2011	12/2011	Coastal	545919	398087	58959
1/2012	12/2012	Coastal	545919	398087	58959
1/2013	12/2013	Coastal	545919	398087	58959
1/2014	12/2014	Coastal	545919	398087	58959
1/2015	12/2015	Coastal	545919	398087	58959
1/2016	12/2016	Coastal	545919	398087	58959
1/2017	12/2017	Coastal	545919	398087	58959
1/2018	12/2018	Coastal	545919	398087	58959
1/2019	12/2019	Coastal	545919	398087	58959
1/2020	12/2020	Coastal	545919	398087	58959
1/2021	12/2021	Coastal	545919	398087	58959
1/2022	12/2022	Coastal	545919	398087	58959

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

**FACILITY PERMIT TO OPERATE
 AES REDONDO BEACH, LLC**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year		Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 11/25/08 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
Begin (month/year)	End				
1/2023	12/2023	Coastal	545919	398087	58959

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase an annual allocation to a level greater than the facility's Starting Allocation plus Non-Tradable Credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e)-Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation (pounds)	Credits(NTCs) (pounds)
1/1994	12/1994	Coastal	2540631	1084464

**FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : EXTERNAL COMBUSTION					
BOILER, NO. 5, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, FRONT FIRED, WITH STAGED COMBUSTION, OXYGEN CONTENT CONTROL, 1785 MMBTU/HR WITH A/N: 408714 BURNER, SIXTEEN, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, MODEL 5R21-1 / 5R3-1, WITH STAGED COMBUSTION, 1785 MMBTU/HR GENERATOR, 175 MW	D20	C79	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 500 PPMV (5) [RULE 1303(b)(2)-Offset,5-10-1996] ; NOX: 7 PPMV (5B) [RULE 2009,5-11-2001] PM10: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM10: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] PM10: 11 LBS/HR (5B) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]	A195.2, A305.1, B59.1, B61.3, C1.1, D12.2, D28.2, D90.1, E193.2, H23.3, K40.1
SELECTIVE CATALYTIC REDUCTION, SERVING BOILER NO. 5, IN-DUCT TYPE, CORMETECH, TITANIA-VANADIA HONEYCOMB EXTRUSION, 1871 CU.FT. WITH A/N: 376879	C79	D20		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	A195.1, D12.5, D12.6, D12.7, D28.4, E179.1, E179.2, E193.2

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : EXTERNAL COMBUSTION					
AMMONIA INJECTION, TWO INJECTION GRIDS					
BOILER, NO. 6, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, FRONT FIRED, WITH STAGED COMBUSTION, OXYGEN CONTENT CONTROL, 1785 MMBTU/HR WITH A/N: 408716 BURNER, SIXTEEN, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, MODEL 5R21-1 / 5R3-1, WITH STAGED COMBUSTION, 1785 MMBTU/HR GENERATOR, 175 MW	D23	C81	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 500 PPMV (5) [RULE 1303(b)(2)-Offset,5-10-1996] ; NOX: 7 PPMV (5B) [RULE 2009,5-11-2001] PM10: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM10: 0.01 GRAINS/SCF (5A) [RULE 475,10-8-1976;RULE 475,8-7-1978] PM10: 11 LBS/HR (5B) [RULE 475,10-8-1976;RULE 475,8-7-1978] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]	A195.2, A305.2, B59.1, B61.3, C1.1, D12.2, D28.2, D90.1, E193.2, H23.3, K40.1

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : EXTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, SERVING BOILER NO. 6, IN-DUCT TYPE, CORMETECH, TITANIA-VANADIA HONEYCOMB EXTRUSION, 1871 CU.FT. WITH A/N: 376881 AMMONIA INJECTION, TWO INJECTION GRIDS	C81	D23		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996]	A195.1, D12.5, D12.6, D12.7, D28.4, E179.1, E179.2, E193.2
BOILER, NO. 7, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, OPPOSED FIRING, SUPERCRITICAL, WITH STAGED COMBUSTION, FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 4752.2 MMBTU/HR WITH A/N: 408717 BURNER, THIRTY TWO, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, MODEL UP-24, WITH STAGED COMBUSTION, 4752.2 MMBTU/HR GENERATOR, 480 MW	D6	C26	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 5 PPMV (5B) [RULE 2009,5-11-2001] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]	A195.3, B59:1, B61.1, C1.1, D12.2, D90.1, H23.3

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : EXTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, VANADIUM PENTOXIDE CATALYST BED, WITH 3475 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 30 FT; HEIGHT: 35 FT; LENGTH: 58 FT WITH A/N: 339759 AMMONIA INJECTION, INJECTION GRID, WITH A TOTAL OF 1880 INJECTION NOZZLES	C26	D6			D12.1, D12.4, D28.1, E73.1, E193.1, K48.1, K67.3
BOILER, NO. 8, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, OPPOSED FIRING, SUPERCRITICAL, WITH STAGED COMBUSTION, FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 4752.2 MMBTU/HR WITH A/N: 408719 BURNER, THIRTY-TWO, NATURAL GAS, REFINERY GAS, BABCOCK AND WILCOX, MODEL UP-24, WITH STAGED COMBUSTION, 4752.2 MMBTU/HR GENERATOR, 480 MW	D8	C28	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 5 PPMV (5B) [RULE 2009,5-11-2001] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]	A195.3, B59.1, B61.1, C1.1, D12.2, D90.1, H23.3

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : EXTERNAL COMBUSTION					
SELECTIVE CATALYTIC REDUCTION, VANADIUM PENTOXIDE CATALYST BED, WITH 3475 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 40 FT 6 IN; HEIGHT: 23 FT 8 IN; LENGTH: 60 FT 8 IN WITH A/N: 339760 AMMONIA INJECTION, INJECTION GRID, WITH A TOTAL OF 1880 INJECTION NOZZLES	C28	D8			D12.1, D12.4, D28.1, E73.1, E193.1, K48.1, K67.3
BOILER, NO. 17, NATURAL GAS, BABCOCK AND WILCOX, 514.14 MMBTU/HR A/N: 408720	D72		NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 90 PPMV (5B) [RULE 2009,5-11-2001] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] SO2: (9) [40CFR 72 - Acid Rain Provisions,11-24-1997]	A195.4, C1.2, H23.3
Process 5 : INORGANIC CHEMICAL STORAGE					
STORAGE TANK, UNDERGROUND, AQUEOUS AMMONIA, DOUBLE WALLED, 20000 GALS; DIAMETER: 10 FT; LENGTH: 32 FT A/N: 339764	D18				C157.1, E57.1
STORAGE TANK, FIXED ROOF, NO. 2, WITH A VAPOR RETURN LINE, AQUEOUS AMMONIA 29%, 20000 GALS A/N: 376877	D83				C157.2, E144.1, E193.2

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 8 : R219 EXEMPT EQUIPMENT SUBJECT TO A SOURCE-SPECIFIC RULE					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E77			ROG: (9) [RULE 1113,11-8-1996;RULE 1113,7-13-2007;RULE 1171,11-7-2003;RULE 1171,2-1-2008]	K67.1
RULE 219 EXEMPT EQUIPMENT, OIL WATER SEPARATORS, GRAVITY-TYPE, < 45 FT2 AIR/LIQUID INTERFACIAL AREA	E78				H23.1

- * (1)(1A)(1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5)(5A)(5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
- (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D6	3	1	0
D8	4	1	0
D18	5	5	0
D20	1	1	0
D23	2	1	0
C26	4	1	0
C28	5	1	0
D72	5	1	0
E77	6	8	0
E78	6	8	0
C79	1	1	0
C81	3	1	0
D83	5	5	0

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 9-11-1998]

F18.1 Acid Rain SO2 Allowance Allocation for affected units are as follows:

Device ID	Boiler ID	Contaminant	Tons in any year
20	Boiler No. 5	SO2	80
23	Boiler No. 6	SO2	105
6	Boiler No. 7	SO2	554
8	Boiler No. 8	SO2	596
72	Boiler No. 17	SO2	0

a). The allowance allocation(s) shall apply to calendar years 2000 through 2009.

b). The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40CFR73 Tables 2,3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO2 allowance allocations identified in this permit (see 40 CFR 72.84)

[40CFR 73 Subpart B, 1-11-1993]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F21.1 Acid Rain SO2 Allowance Allocation for retired units are as follows:

Boiler ID	Contaminant	Tons in year
Boiler No. 11	SO2	36
Boiler No. 12	SO2	0
Boiler No. 13	SO2	0
Boiler No. 14	SO2	0
Boiler No. 15	SO2	0
Boiler No. 16	SO2	0

- a). The allowance allocation(s) shall apply to calendar years 2000 through 2009.
- b). The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40CFR73 Tables 2,3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO2 allowance allocations identified in this permit (see 40 CFR 72.84).
- c). A unit exempted under 40CFR72.8 shall not emit any sulfur dioxide starting on the date it is exempted.
- d). The owners and operators of a unit exempted under 40CFR72.8 shall comply with monitoring requirements in accordance with part 75 and will be allocated allowances in accordance with 40CFR73.
- e). A unit exempted under 40CFR73 shall not resume operation unless the designated representative of the source that includes the unit submits an Acid Rain permit application for the unit not less than 24 months prior to the later of January 1, 2000, or the date the unit is to resume operation. On the earlier of the date the written exemption expires or the date an Acid Rain permit application is submitted or is required to be submitted under this paragraph, the unit shall no longer be exempted and shall be subject to all requirements of 40CFR72.

[40CFR 73 Subpart B, 1-11-1993]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

DEVICE CONDITIONS

A. Emission Limits

A195.1 The 10 PPMV NH₃ emission limit(s) is averaged over 60 mins at 3 percent O₂ dry. The operator shall calculate and continuously record the NH₃ slip concentration using the following: $NH_3 \text{ (ppmv)} = [a - (b \cdot c / 1000000)] \cdot 1000000 / b$, where a = NH₃ injection rate (lb/hr) / 17 (lb/lbmole), b = dry exhaust gas flow rate (lb/hr) / 29 (lb/lbmole), and c = change in measured NO_x across the SCR (ppmvd at stack O₂). The operator shall install and maintain a NO_x analyzer to measure the SCR inlet NO_x ppmv accurate to plus or minus 5 percent calibrated at least once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C79, C81]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.2 The 7 PPMV NOx emission limit(s) is averaged over 720 hours, heat input weighted average, at 3 percent oxygen, dry basis.

A data acquisition system shall be installed and maintained to continuously calculate and record the NOx ppm based on the 720 operating hour block average.

The average shall be calculated based on emissions during all boiler operating hours except start-ups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 465 degrees F.

Shutdowns are defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less than 465 degrees F, calibration and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:

$PPMV(3\%O_2) = (Et/Qt)*K$; where $PPMV(3\%O_2)$ = the concentration of NOx in PPMV at 3% O2; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 819; Et = Total reported NOx emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Qt = Total heat input during the averaging period

[RULE 2009, 5-11-2001]

[Devices subject to this condition : D20, D23]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.3 The 5 PPMV NOx emission limit(s) is averaged over 720 hours (heat input weighted average).

A data acquisition system shall be installed and maintained to continuously calculate and record the NOx ppm based on the 720 operating hour block average.

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:

The average shall be calculated based on emissions during all boiler operating hours except start-ups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 465 degrees F.

Shutdowns are defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less than 465 degrees F, calibration and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

$PPMV(3\%O_2) = (Et/Qt)*K$; where PPMV(3%O₂) = the concentration of NOx in PPMV at 3% O₂; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 819; Et = Total reported NOx emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Qt = Total heat input during the averaging period

[RULE 2009, 5-11-2001]

[Devices subject to this condition : D6, D8]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A195.4 The 90 PPMV NOx emission limit(s) is averaged over an annual basis (heat input weighted average).

A data acquisition system shall be installed and maintained to continuously calculate and record the NOx ppm based on an annual block average (calendar year).

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:

The average shall be calculated based on emissions during all boiler operating hours except start-ups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 465 degrees F.

Shutdowns are defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less than 465 degrees F, calibration and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

$PPMV(3\%O_2) = (Et/Qt)*K$; where $PPMV(3\%O_2)$ = the concentration of NOx in PPMV at 3% O2; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 819; Et = Total reported NOx emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Qt = Total heat input during the averaging period

[RULE 2009, 5-11-2001]

[Devices subject to this condition : D72]

A305.1 Whenever this equipment is in operation, control device C79 may be operated at any control efficiency provided that the emission concentrations being monitored by the certified CEMS serving this equipment is below the valid upper range specified in the approved CEMS plan.

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D20]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A305.2 Whenever this equipment is in operation, control device C81 may be operated at any control efficiency provided that the emission concentrations being monitored by the certified CEMS serving this equipment is below the valid upper range specified in the approved CEMS plan.

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D23]

B. Material/Fuel Type Limits

B59.1 The operator shall only use the following material(s) in this device :

409 stainless steel or other equivalent material for air preheater baskets

[RULE 402, 5-7-1976]

[Devices subject to this condition : D6, D8, D20, D23]

B61.1 The operator shall not use refinery gas containing the following specified compounds:

Compound	ppm by volume
sulfur compounds calculated as hydrogen sulfide greater than	40

the 40 ppm limit is averaged over 4 hours

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D6, D8]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B61.3 The operator shall not use refinery gas containing the following specified compounds:

Compound	ppm by volume
sulfur compounds calculated as hydrogen sulfide greater than	40

the 40 ppm limit is averaged over 4 hours

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D20, D23]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the refinery gas fuel usage to no more than 35 MM cubic feet per day.

This limit shall be based on the total combined limit for equipment D6, D8, D20, D23, D72.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D6, D8, D20, D23]

C1.2 The operator shall limit the operating time to no more than 600 hour(s) in any one year.

The operator shall install and maintain a non-resettable elapsed time meter to accurately indicate the elapsed operating time of the boiler.

[RULE 2009, 5-11-2001]

[Devices subject to this condition : D72]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C157.1 The operator shall install and maintain a pressure relief valve set at 50 psig.

[RULE 402, 5-7-1976]

[Devices subject to this condition : D18]

C157.2 The operator shall install and maintain a pressure relief valve set at 25 psig.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D83]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the boiler exhaust at the inlet of the selective catalytic reduction(SCR) reactor.

The operator shall maintain the exhaust temperature between 425 and 750 degrees F except during start ups and shutdowns

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C26, C28]

D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the flow rate of the refinery gas supplied to this boiler.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D6, D8, D20, D23]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.4 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH₃).

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the ammonia injection rate between 0 and 180 gallons per hour

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C26, C28]

D12.5 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH₃).

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the ammonia flow rate between 0 and 100 lbs per hour

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C79, C81]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.6 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature of the boiler exhaust at the inlet of the SCR reactor.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the exhaust temperature between 465 and 800 degrees F except during start ups and shut downs

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C79, C81]

- D12.7 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches water column.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall maintain the differential pressure between 0 and 10 inches water column

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C79, C81]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted at least annually.

The test shall be conducted to determine the NH₃ emissions at the outlet.

The test shall be conducted to determine the NH₃ emissions using District method 207.1 measured over a 60 minute averaging time period.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C26, C28]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted at least annually.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to demonstrate compliance with Rule 1303 concentration limit.

The test shall be conducted when the equipment is operating under normal conditions. No test shall be required in any one year for which the equipment is not in operation.

The test shall be conducted to determine compliance with the CO emissions by either: (a) conducting a source test using District method 100.1 measured over a 30 minute averaging time, or (b) using a portable analyzer and a District-approved test method.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D20, D23]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The District shall be notified of the date and time of the test at least 7 days prior to the test.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit.

The test shall be conducted and the results submitted to the District within 45 days after the test date.

The test shall be conducted to determine the NH₃ emissions using District Methods 207.1 and 5.3, or EPA Method 17 measured over a 60 minute averaging time period. The NO_x concentration, as determined by reading the CEMS, shall be simultaneously recorded during the test. If the CEMS is inoperable, a test shall be conducted to determine the NO_x emissions using District Method 100.1 measured over a 60 minute averaging time period.

The test shall be conducted during ammonia injection periods, at least quarterly during the first twelve months of operation of the SCR, and at least annually thereafter.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 3-17-2000]

[Devices subject to this condition : C79, C81]

D90.1 The operator shall sample and analyze the sulfur content of the blended refinery-natural gas according to the following specifications:

The operator shall sample once per month or once per batch when burning the blended refinery-natural gas. The draw time for the sample shall be at least 15 minutes. The analysis shall be conducted using District Method 307.91.

[40CFR 72 - Acid Rain Provisions, 11-24-1997]

[Devices subject to this condition : D6, D8, D20, D23]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E57.1 The operator shall vent this equipment to the delivery tank truck whenever the aqueous ammonia storage tank is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D18]

E73.1 Notwithstanding the requirements of Section E conditions, the operator shall not use ammonia injection if all of the following requirement(s) are met:

Inlet exhaust temperature of the SCR reactor is 400 Deg F or less

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C26, C28]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D83]

E179.1 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour.

Condition Number 12-5

Condition Number 12-6

Condition Number 195-1

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C79, C81]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E179.2 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every month and shall be calculated based upon the average of the continuous monitoring for that month.

Condition Number 12-7

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C79, C81]

E193.1 The operator shall upon completion of construction, operate and maintain this equipment according to the following specifications:

In accordance with all mitigation measures stipulated in the Mitigation Monitoring Plan document (Environmental Impact Report SCH Number 91031056) dated December, 1992 that was prepared for this project.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : C26, C28]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.2 The operator shall construct, operate, and maintain this equipment according to the following specifications:

In accordance with all mitigation measures stipulated in the Mitigated Negative Declaration No. 00-144 that was prepared for this project by the City of Redondo Beach Planning Commission

In accordance with the settlement between AES Alamos and the SCAQMD dated December 12, 2000, AES shall demonstrate compliance with item 5 of the agreement by installing and operating the air pollution control (APC) equipment by no later than July 22, 2001.

The schedule for installation of APC equipment shall be done in consultation with the California Energy Commission (CEC) and the California Independent System Operator (CISO) to ensure that compliance with air pollution laws and requirements can be achieved with no significant power interruption.

For facilities operating under an Order of Abatement or a Settlement Agreement, in the event the specified schedule of installation of APC equipment under these agreements cannot be met, the operator must seek amendment of the Order of Abatement or Settlement Agreement at SCAQMD discretion.

[RULE 2010, 10-15-1993; CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D20, D23, C79, C81, D83]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
ROG	District Rule	464

[RULE 464, 12-7-1990]

[Devices subject to this condition : E78]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations: TABLE
CONDITION PARAMETER NOT SET UP

[Devices subject to this condition : D6, D8, D20, D23, D72]

K. Record Keeping/Reporting

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 3 percent oxygen.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall be expressed in terms of lbs/MM cubic feet.

Source test results shall also include fuel flow rate (CFH) and generator output (MW) under which the test was conducted.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 3-17-2000; RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : D20, D23]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K48.1 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition no. 12-1

Condition no. 12-4

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C26, C28]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]

[Devices subject to this condition : E77]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the total hourly amount of injected ammonia (NH₃)

[RULE 2012, 5-11-2001; RULE 2012, 12-5-2003]

[Devices subject to this condition : C26, C28]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION E: ADMINISTRATIVE CONDITIONS

- a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
- a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
- a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures; pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

**FACILITY PERMIT TO OPERATE
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SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182.
[204]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NOx source to continuously measure the concentration of NOx emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NOx emissions rate from each source. The time-sharing of CEMS among NOx sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

Not Applicable

II. NOx Source Testing and Tune-up Conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NO_x Reporting Requirements

- A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:
 1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NO_x source, the total daily mass emissions of NO_x and daily status codes. Such data

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
 3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
 4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]
- B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:
Not Applicable
- C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:
Not Applicable

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

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SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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SECTION J: AIR TOXICS

NOT APPLICABLE

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SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
 - (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

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- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

- 8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
 - (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]
- 9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
- 10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

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11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

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commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

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EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION K: TITLE V Administration

- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
 - (B) The compliance status during the reporting period;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used to determine compliance over the reporting period and currently, and
 - (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

**FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC**

SECTION K: TITLE V Administration

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	2-1-2008	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1401	3-17-2000	Non federally enforceable
RULE 2009	5-11-2001	Non federally enforceable
RULE 2010	10-15-1993	Federally enforceable
RULE 2012	12-5-2003	Federally enforceable
RULE 2012	5-11-2001	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	1-14-1982	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 464	12-7-1990	Federally enforceable

FACILITY PERMIT TO OPERATE AES REDONDO BEACH, LLC

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 72 - Acid Rain Provisions	11-24-1997	Federally enforceable
40CFR 73 Subpart B	1-11-1993	Federally enforceable
CA PRC CEQA	11-23-1970	Non federally enforceable



**FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

1. MAINTENANCE EQUIPMENT
2. PUMPS, GASOLINE
3. ICE, GENERATOR, GASOLINE

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

**Grams of VOC Per Liter of Coating,
 Less Water And Less Exempt Compounds**

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						
Industrial Maintenance							

FACILITY PERMIT TO OPERATE
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APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550		275	
Pre-Treatment Wash Primers	780					
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE

AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS **[RULE 1113 7-13-2007]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

FACILITY PERMIT TO OPERATE

AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
 Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		
Nonflat High Gloss	250		150				50	

FACILITY PERMIT TO OPERATE

AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing	400					100		
Concrete/Masonry Sealers								
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 7-13-2007]

TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 2-1-2008]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		

FACILITY PERMIT TO OPERATE
AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 2-1-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE

AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS **[40CFR 72 - Acid Rain Provisions 11-24-1997]**

1. A Title V permit revision is not required for emission increases that are authorized by allowances acquired under the Acid Rain Program, provided that the increases do not trigger a Title V permit revision under any other applicable requirement. [70.6 (a)(4)(ii)]

Monitoring Requirements

2. The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Parts 74, 75, and 76. [40 CFR 72.50, 72.31, 72.9(b)(1)]
3. The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the acid rain emissions limitations and emissions reduction requirements for sulfur dioxide (SO₂) under the Acid Rain Program. [40 CFR 72.9(b)(2), 40 CFR 75.2]
4. The requirements of 40 CFR Parts 74 and 75 shall not affect the responsibility of the operator to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements and other provisions of this permit. [40 CFR 72.9(b)(3), 40 CFR 72.5]

Sulfur Dioxide Requirements

5. The owners and operators of each source and each affected unit at the source shall:
 - (A) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR Part 73, Section 73.34(C)) not less than the total annual emissions of SO₂ for the previous calendar year from the unit; and, [40 CFR 72.9(c)(i)],
 - (B) Comply with the applicable acid rain emissions limitations for SO₂. [40 CFR 72.9(c)(ii)]
6. Each ton of SO₂ emitted in excess of the acid rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act. [40 CFR 72.9(g)(7)]
7. SO₂ allowances shall be held in, deducted from, or transferred among allowance tracking system accounts in accordance with the Acid Rain Program. [40 CFR 72.9(g)(4)]

FACILITY PERMIT TO OPERATE

AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

8. A SO₂ allowance shall not be deducted in order to comply with the requirements under paragraph 41(A) of the SO₂ requirements prior to the calendar year for which the allowance was allocated. [40 CFR 72.9(g)(5)]
9. An affected unit shall be subject to the SO₂ requirements under the Acid Rain Program as follows:[40 CFR 72.6(a)]
 - (A) Starting January 1, 2000, an affected unit under 40 CFR Part 72, Section 72.6(a)(2); or [40 CFR 72.6(a)(2)]
 - (B) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR Part 75, an affected unit under 40 CFR Part 72, Section 72.6(a)(3). [40CFR 72.6(a)(3)]
10. An allowance allocated by the EPA administrator under the Acid Rain Program is a limited authorization to emit SO₂ in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the acid rain permit application, the acid rain permit, or the written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14, and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization. [40 CFR 72.9 (c)(6)]
11. An allowance allocated by the EPA Administrator under the Acid Rain Program does not constitute a property right. [40 CFR 72.9(c)(7)]

Excess Emissions Requirements

12. The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77. [40 CFR 72.9(e)]
13. The owners and operators of an affected unit that has excess emissions in any calendar year shall: [40 CFR 72.9(e)(2)]
 - (A) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR Part 77; and[40 CFR 72.9(e)(2)(i)]
 - (B) Comply with the terms of an approved offset plan, as required by 40 CFR Part 77. [40 CFR 72.9(e)(2)(ii)]

FACILITY PERMIT TO OPERATE

AES REDONDO BEACH, LLC

APPENDIX B: RULE EMISSION LIMITS **[40CFR 72 - Acid Rain Provisions 11-24-1997]**

Recordkeeping and Reporting Requirements

14. Unless otherwise provided, the owners and operators of the source and each affected unit at the source that are subject to the acid rain provisions under Title IV shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the EPA Administrator or the Executive Officer: [40 CFR 72.9(f)(1)]
- (A) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative; [40 CFR 72.9(f)(1)(i)]
- (B) All emissions monitoring information, in accordance with 40 CFR Part 75; [40 CFR 72.9(f)(1)(ii)]
- (C) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and, [40 CFR 72.9(f)(1)(iii)]
- (D) Copies of all documents used to complete an acid rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [40 CFR 72.9(f)(1)(iv)]
15. The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72 Subpart I and 40 CFR Part 75. [40 CFR 72.9(f)(2)]

Liability

16. Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete acid rain permit application, an acid rain permit, or a written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to Section 113(c) of the Act. [40 CFR 72.9 (g)(1)]

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17. Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to Section 113(c) of the Act and 18 U.S.C. 1001. [40 CFR 72.9 (g)(2)]
18. No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect. [40 CFR 72.9 (g)(3)]
19. Each affected source and each affected unit shall meet the requirements of the Acid Rain Program. [40 CFR 72.9 (g)(4)]
20. Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source. [40 CFR 72.9 (g)(5)]
21. Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR Part 72, Section 72.44 (Phase II repowering extension plans) and 40 CFR Part 76, Section 76.11 (NO_x averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR Part 75, Sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative. [40 CFR 72.9 (g)(6)]
22. Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act. [40 CFR 72.9 (g)(7)]

Effect on Other Authorities

23. No provision of the Acid Rain Program, an acid rain permit application, an acid rain permit, or a written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14 shall be construed as: [40 CFR 72.9 (h)]

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(A) Except as expressly provided in Title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of Title I of the Act relating to applicable National Ambient Air Quality Standards or state implementation plans; [40 CFR 72.9 (h)(1)]

(B) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act; [40 CFR 72.9 (h)(2)]

(C) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law; [40 CFR 72.9 (h)(3)]

(D) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or, [40 CFR 72.9 (h)(4)]

(E) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established. [40 CFR 72.9 (h)(5)]