

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

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|---|--|---|------------------------|---|-------|
| AQMD Facility ID: | 115536 | Company Name: | AES REDONDO BEACH, LLC | | |
| Equipment Location: | 1100 N. HARBOR DR, REDONDO BEACH, CA 90277 | | | SIC Code: 4911 | |
| Permit Revision #: | Revision Date: | Facility Permit Section(s) Affected: | | | |
| Application #(s): | 556151 | Application Submittal Date(s): | 09/13/13 | | |
| AQMD Contact Person: | Vicky Lee | Phone #: | E-Mail Address: | | |
| | | (909) 396- 2284 | vlee1@aqmd.gov | | |
| Project Description: This is an existing facility applying for a Title V permit renewal. The Redondo Beach Generating Station is in the business of producing electrical power. The facility has four operating utility boilers (Units 5, 6, 7, and 8) controlled by four selective catalytic reduction systems, four retired utility boilers (Units 1, 2, 3, and 4), a steam boiler that is not operated (No. 17), two aqueous ammonia tanks (29 wt %), a pressure washer, and Rule 219 exempt equipment. | | | | | |
| Permit Type: <input type="checkbox"/> Initial Title V Permit <input type="checkbox"/> Significant Revision <input checked="" type="checkbox"/> Permit Renewal | | | | | |
| Permit Features: <input type="checkbox"/> Federally Enforceable Emission Cap For Exemption From Certain NESHAP Requirements <input type="checkbox"/> Permit Shield Applies <input checked="" type="checkbox"/> Permit Contains Conditions Allowing Emission Trading <input type="checkbox"/> Alternative Operating Scenario <input type="checkbox"/> Permit Streamlines Overlapping or Outdated Requirements <input type="checkbox"/> Other _____ <input type="checkbox"/> Source Out of Compliance With Applicable Requirements and/or Operating Under a Variance | | | | | |
| Toxic Air Contaminant Emissions (TAC) - Annual Reported Emissions for Reporting Year 2012 | | <input type="checkbox"/> No TACs Reported <input checked="" type="checkbox"/> <u>The Following TACs Were Reported:</u> | | <u>Emissions (lbs/yr):</u> | |
| | | <u>Emissions (lbs/yr):</u> | | <u>Emissions (lbs/yr):</u> | |
| | 1-3-BUTADIENE | 0.007 | FORMALDEHYDE | 24.299 | |
| | AMMONIA | 12813.344 | NAPHTHALENE | 2.023 | |
| | ASBESTOS | 0.015 | PAHS, TOTAL | 0.674 | |
| | BENZENE | 11.491 | TRICHLOROETHYLENE | 62.500 | |
| Health Risk From Toxic Air Contaminants: <input type="checkbox"/> Health Risk Reduction Plan in Force (AQMD Rule 1402) (date): _____ <input type="checkbox"/> Health Risk Assessment Required for this Permit Action (AQMD Rule 1401) <input checked="" type="checkbox"/> Facility is Subject to Review by the Air Toxics Information and Assessment Act (AB2588) <input type="checkbox"/> Facility Determined to be Exempt from AB2588 Requirements <input type="checkbox"/> AQMD is Tracking Status of Facility under AB2588 <input type="checkbox"/> Health Risk Assessment Submitted to AQMD and Is Being Reviewed <input checked="" type="checkbox"/> Final Facility Health Risk Approved _____ 1998 Cancer Risk = <u>0.40 in a million</u> Acute Hazard Index = <u>0.01</u> Chronic Hazard Index = <u>0.04</u> | | | | | |
| Criteria Pollutant Emissions | | <input checked="" type="checkbox"/> NOx | 29.687 | <input checked="" type="checkbox"/> PM | 5.433 |
| Annual Reported Emissions | | <input checked="" type="checkbox"/> CO | 41.838 | <input checked="" type="checkbox"/> SOx | 1.703 |
| (tons/year) for Reporting Year: 2012 | | <input checked="" type="checkbox"/> VOC | 15.784 | Other: | _____ |
| Compliance History: <input checked="" type="checkbox"/> Citizen Complaints Filed in Last Two Calendar Years (7) <input checked="" type="checkbox"/> Notices to Comply Issued in Last Two Calendar Years (1) <input checked="" type="checkbox"/> Notices of Violation Issued in Last Two Calendar Years (1) | | | | | |
| Comments: There are no outstanding compliance issues with this facility. | | | | | |