

NOTICE OF DETERMINATION

To: Clerk of the Board, Donna Young
County of San Bernardino
385 N. Arrowhead Ave., 2nd Floor
San Bernardino, CA 92415-0130

From: South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

Subject: Filing of Notice of Determination in Compliance with Public Resources Code Section 21152

Project Title: Addendum to the April 2007 Final Mitigated Negative Declaration for Southern California Edison: Mira Loma Peaker Project, Ontario

SCH Number: 2006121112

Project Approval Date: May 17, 2019

Contact Person: Ryan Bañuelos

Telephone Number: (909) 396-3479

Project Location: 13568 Hamner Avenue, Ontario, CA, 91761 (Address changed from April 2007 Final Mitigated Negative Declaration at 13568 Milliken Avenue, Ontario, CA, 91761)

Project Description: Southern California Edison operators proposed additional changes to the original project previously evaluated and adopted in the Final Mitigated Negative Declaration for the Southern California Edison Mira Loma Peaker Project in Ontario, CA on April 3, 2007, referred to herein as the April 2007 Final Mitigated Negative Declaration. The original project evaluated in the April 2007 Final Mitigated Negative Declaration was for the installation of a General Electric natural gas-fired turbine generator, also referred to as a “peaker” unit, plus an air pollution control system comprised of a selective catalytic reduction (SCR) unit and oxidation catalyst to reduce emissions to levels that meet all applicable local air quality emission standards. The peaker is capable of producing up to 45 megawatts (MW) of electricity on short notice during periods when the local electrical system needs power and local voltage support. Subsequent to the adoption of the April 2007 Final Mitigated Negative Declaration, Southern California Edison operators proposed to modify the peaker’s turbine air pollution control system to: 1) decrease the water-injection rate into the turbine’s combustor by up to 54 percent; 2) replace the SCR catalyst and increase the cross-sectional area (by nearly three times) and the pitch (i.e., angle) of the SCR catalyst beds to maximize the contact area and time the turbine’s exhaust gas moves across the catalyst, without increasing the size (outside dimensions) of the SCR enclosure; 3) replace the oxidation catalyst with an updated design and higher conversion rate, which provides functionally equivalent emissions control; 4) modify the exhaust flow distribution design and ammonia injection grid design to improve the deliverability of ammonia to the catalyst; and; 5) increase the concentration of aqueous ammonia delivered to the facility, stored on-site, and injected into the SCR from 19 percent to 29 percent. In addition, to increase the operating flexibility of the peaker so that it can provide reliable power to the grid when dispatched by the California Independent System Operator (CAISO) during peak times when renewable energy resources are not available, Southern California Edison proposed to revise its South Coast Air Quality Management District (South Coast AQMD) Title V Operating Permit to allow the turbine to generate power over its full operating range, from less than one MW to full load, while continuing to meet the

emission limits in the current permit without increasing: 1) utilization of the Mira Loma Peaker for power generation; 2) fuel-input limits, generation capacity, or the heat rate of the turbine; and 3) the potential to emit of criteria pollutants, greenhouse gases , or toxic air contaminants.

The current project contains revisions, as evaluated in the Addendum to the April 2007 Final Mitigated Negative Declaration, that do not create any new significant adverse environmental impacts outside of the scope of the analyses already contained in the previously adopted April 2007 Final Mitigated Negative Declaration.

This is to advise that the South Coast AQMD as the Lead Agency for the above described project, as revised, has made the following determinations:

1. The proposed revisions to the original project described and adopted in the April 2007 Final Mitigated Negative Declaration will result in no new significant adverse effects or substantially increase the severity of significant effects previously identified. Thus, the current project revisions meet all the conditions for an Addendum.
2. The South Coast AQMD has caused to be prepared and participated in the preparation of the Addendum to the April 2007 Final Mitigated Negative Declaration, which has evaluated the potential for significant adverse environmental effects of the revised project pursuant to the provisions of the California Environmental Quality Act.
3. The mitigation measures that were made a condition of approval of the original project analyzed in the April 2007 Final Mitigated Negative Declaration and the corresponding Mitigation, Monitoring, and Reporting Plan that was adopted at that time will remain in effect. No new or modified mitigation measures were made as a condition of the approval of this revised project.
4. Findings and a Statement of Overriding Considerations were not made as a condition of approval of the original project analyzed in the April 2007 Final Mitigated Negative Declaration since no significant adverse impacts were identified that could not be mitigated to less than significant levels, and thus not made a condition under this Addendum.

The Addendum to the April 2007 Final Mitigated Negative Declaration, the April 2007 Final Mitigated Negative Declaration, the Mitigation, Monitoring, and Reporting Plan, supporting documentation, and record of project approval may be examined at South Coast AQMD Headquarters located at 21865 Copley Drive, Diamond Bar, CA 91765.

Date Received for Filing

Signature: _____
Wayne Nastri
Executive Officer