

NOTICE OF DETERMINATION

To: Clerk of the Board, Robin Stieler
County of Orange
12 Civic Center Plaza, Room 106
Santa Ana, CA 92701

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 the
Southern California Edison: Barre Peaker Project, Stanton

SCH Number: 2006121114

Project Approval Date: October 30, 2018

Contact Person: Ryan Bañuelos

Telephone Number: (909) 396-3479

Project Location: 10670 Dale Avenue, Stanton, CA 90680 (Address used in April 2007 Final MND
was 8662 Cerritos Avenue, Stanton, CA, 90680)

Project Description: Southern California Edison operators are proposing additional changes to their project previously evaluated and adopted in the Final Mitigated Negative Declaration (MND) for the Southern California Edison Barre Peaker Project in Stanton, CA on April 3, 2007, herein referred to as the April 2007 Final MND. The project evaluated in the April 2007 Final MND 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 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 MND, SCE operators are proposing 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, SCE is proposing to revise its SCAQMD Title V Operating Permit to allow the turbine to generate power over its full operating range, from less than one megawatt (MW) to full load, while continuing to meet the emission limits in the current permit without increasing: 1) utilization of the Barre 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 currently proposed project, as evaluated in the Addendum to the April 2007 Final MND, does not create any new significant adverse environmental impacts outside of the scope of the analyses already contained in the previously adopted April 2007 Final MND.

This is to advise that the South Coast Air Quality Management District (SCAQMD) as the Lead Agency for the above described project has made the following determinations regarding the above described project:

1. The proposed modifications to the original project described and adopted in the April 2007 Final MND will result in no new significant adverse effects or substantially increase the severity of significant effects previously identified. Thus, the current proposed project modifications meet all the conditions for an Addendum.
2. An Addendum to the April 2007 Final MND was prepared for this project by the SCAQMD pursuant to the provisions of CEQA.
3. The mitigation measures that were made a condition of approval of the original project analyzed in the April 2007 Final MND 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 project.
4. Findings and a Statement of Overriding Considerations were not made as a condition of approval of the original project analyzed in the March 2007 Final MND since no significant adverse impacts were identified that could not be mitigated to less than significant.

The Addendum, the April 2007 Final MND, the Mitigation Monitoring and Reporting Plan, supporting documentation, and record of project approval may be examined at SCAQMD Headquarters located at 21865 Copley Drive, Diamond Bar, CA 91765.

Date Received for Filing

Signature: _____
Wayne Nastri
Executive Officer