

DOCKETED

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Project Title:	Alamitos Energy Center
TN #:	211009
Document Title:	SCAQMD Letters to EPA and Federal Land Managers Transmitting the Revised AEC Air Permit Application
Description:	N/A
Filer:	Jerry Salamy
Organization:	CH2M HILL
Submitter Role:	Applicant Consultant
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Docketed Date:	4/12/2016



South Coast Air Quality Management District

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

April 1, 2016

Ms. Tonnie Cummings
Air Resources Specialist
National Park Service, Pacific West Region
612 E. Reserve Street
Vancouver, WA 98661

Subject: Alamitos Energy Center (AEC)—Repower Project for AES Alamitos Generating Station (AGS)
Facility Location: 690 N. Studebaker Rd., Long Beach, CA 90803 (Facility ID: 115394)

Dear Ms. Cummings:

Permit applications for the Alamitos Energy Center project were submitted to the South Coast Air Quality Management District (SCAQMD) on October 23, 2015, and were deemed complete by SCAQMD on January 14, 2016. On March 30, 2016, AES Alamitos, LLC submitted revised permit applications to propose an increase in the number of cold start-ups for the combined-cycle turbines on a monthly and annual basis, which will affect the emissions estimates and associated modeling.

In accordance with SCAQMD's Prevention of Significant Deterioration Rule 1703(a)(3)(F), we transmitted a complete copy of the initial application package to you on January 20, 2016. As follow-up, we are transmitting herewith a complete copy of the revised application package. The applications are for the proposed construction of a combined-cycle/simple-cycle gas turbine plant consisting of two combined-cycle combustion turbines, one steam turbine, four simple-cycle combustion turbines, an auxiliary boiler, two aqueous ammonia storage tanks, and two oil/water separators at the above location. The new combined-cycle/simple-cycle turbines will be fired with natural gas exclusively, and emissions will be controlled with the use of selective catalytic reduction (SCR) and carbon monoxide (CO) catalyst systems. Total generation capacity of the new units is 1094.7 MW. This project is intended to replace existing Utility Boilers 1, 2, 3 and 5 at this site. The SCAQMD is in the process of evaluating the revised applications. A copy of our preliminary decision, engineering analysis and notice of any action will be sent to you as soon as they are completed.

If you have any questions or need additional information, please contact Ms. Vicky Lee at (909) 396-2284 or Mr. John Yee at (909) 396-2531.

Sincerely,

Andrew Y. Lee
Senior Manager
Engineering and Compliance

Enclosures: (1) AES Letter, dated 3/17/2016, discussing the changes to AEC's operating profile and associated emissions; (2) CD for Revised Application Package, "Air Permit Application Files, Alamitos Energy Center, March 2016"; and (3) Set of two modeling CDs, "Air Dispersion Modeling Files, Alamitos Energy Center, March 2016."

Certified Mail, Return Receipt Requested

cc: Stephen O'Kane, AES Alamitos, without enclosures



South Coast Air Quality Management District

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April 1, 2016

Mr. Don Shepherd
National Park Service
Air Resources Division
12795 W. Alameda Pkwy
Lakewood, CO 80228

Subject: Alamos Energy Center (AEC)—Repower Project for AES Alamos Generating Station (AGS)
Facility Location: 690 N. Studebaker Rd., Long Beach, CA 90803 (Facility ID: 115394)

Dear Mr. Shepherd:

Permit applications for the Alamos Energy Center project were submitted to the South Coast Air Quality Management District (SCAQMD) on October 23, 2015, and were deemed complete by SCAQMD on January 14, 2016. On March 30, 2016, AES Alamos, LLC submitted revised permit applications to propose an increase in the number of cold start-ups for the combined-cycle turbines on a monthly and annual basis, which will affect the emissions estimates and associated modeling.

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South Coast Air Quality Management District

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April 1, 2016

Mr. Gerardo Rios
U.S. EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105-3901

Subject: Alamos Energy Center (AEC)—Repower Project for AES Alamos Generating Station (AGS)
Facility Location: 690 N. Studebaker Rd., Long Beach, CA 90803 (Facility ID: 115394)

Dear Mr. Rios:

Permit applications for the Alamos Energy Center project were submitted to the South Coast Air Quality Management District (SCAQMD) on October 23, 2015, and were deemed complete by SCAQMD on January 14, 2016. On March 30, 2016, AES Alamos, LLC submitted revised permit applications to propose an increase in the number of cold start-ups for the combined-cycle turbines on a monthly and annual basis, which will affect the emissions estimates and associated modeling.

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South Coast Air Quality Management District

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April 1, 2016

Mr. Randy Moore
Regional Forester
U.S. Forest Service, Pacific Southwest Region
1323 Club Drive
Vallejo, CA 94592-1110

Subject: Alamitos Energy Center (AEC)—Repower Project for AES Alamitos Generating Station (AGS)
Facility Location: 690 N. Studebaker Rd., Long Beach, CA 90803 (Facility ID: 115394)

Dear Mr. Moore:

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April 1, 2016

Ms. Andrea Nick
Air Resource Specialist
Forest Service Region 5
701 N. Santa Anita
Arcadia, CA 91006-2725

Subject: Alamitos Energy Center (AEC)—Repower Project for AES Alamitos Generating Station (AGS)
Facility Location: 690 N. Studebaker Rd., Long Beach, CA 90803 (Facility ID: 115394)

Dear Ms. Nick:

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