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<th><strong>Docket Number:</strong></th>
<th>13-AFC-01</th>
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<td><strong>Project Title:</strong></td>
<td>Alamitos Energy Center</td>
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<td><strong>TN #:</strong></td>
<td>211009</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>SCAQMD Letters to EPA and Federal Land Managers Transmitting the Revised AEC Air Permit Application</td>
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<tr>
<td><strong>Description:</strong></td>
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<td><strong>Filer:</strong></td>
<td>Jerry Salamy</td>
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<td><strong>Organization:</strong></td>
<td>CH2M HILL</td>
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<td><strong>Submitter Role:</strong></td>
<td>Applicant Consultant</td>
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<td><strong>Submission Date:</strong></td>
<td>4/12/2016 11:10:18 AM</td>
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<td><strong>Docketed Date:</strong></td>
<td>4/12/2016</td>
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</tbody>
</table>
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
April 1, 2016

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

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. Shepherd:

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Senior Manager
Engineering and Compliance

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Certified Mail, Return Receipt Requested
cc: Stephen O'Kane, AES Alamitos, without enclosures
Mr. Gerardo Rios  
U.S. EPA; Region IX  
75 Hawthorne Street  
San Francisco, CA  94105-3901

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. Rios:

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Engineering and Compliance

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Certified Mail, Return Receipt Requested  
cc: Stephen O’Kane, AES Alamitos, without enclosures
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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Senior Manager  
Engineering and Compliance

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Certified Mail, Return Receipt Requested  
cc: Stephen O’Kane, AES Alamitos, without enclosures
Ms. Andrea Nick  
Air Resource Specialist  
Forest Service Region 5  
701 N. Santa Anita  
Arcadia, CA 91006-2725

April 1, 2016

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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Engineering and Compliance

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