



## ecology and environment, inc.

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September 15, 2014

Andrew Barnsdale  
Project Manager  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102-3298

### **Re: Monthly Report Summary #5 for Aliso Canyon Turbine Replacement Project**

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities occurring during the period **August 1 to August 31, 2014** for the Aliso Canyon Turbine Replacement Project (Aliso) in California. Compliance monitoring was performed to ensure that all project related activities conducted by Southern California Gas Company (SCG), Southern California Edison (SCE), and their contractors are in compliance with the requirements of the Final Environmental Impact Report (Final EIR) for Aliso, as adopted by the California Public Utilities Commission (CPUC) on November 14, 2013 (CPUC Notice Determination).

The CPUC has issued the following Notices to Proceed (NTP) for the project to SCG:

- NTP #1 (February 25, 2014): The Guard House and Road Widening Component
- NTP #2 (May 27, 2014): Construction of New Buildings, Removal of Old Buildings, and Development of Fill Sites P-41 and P-43
- NTP #3 (July 18, 2014): Construction of the Central Compressor Station, Grading for the Natural Substation, and Installation of Five Tubular Steel Poles and String Conductors

On-site compliance monitoring by the CPUC/E & E compliance team during this reporting period focused on weekly spot-checks of ongoing construction activities. Compliance monitor Vince Semonsen visited the Aliso construction site on August 7, 13, 21, and 28, 2014. A Site Inspection Report was completed for each visit to summarize observed construction activities and compliance events, and to verify mitigation measures (attached).

Overall, the project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's Compliance Plan (MMCRP). Communication between the CPUC/E & E compliance team and SCG has been regular and effective, with approximately daily correspondence to discuss and document compliance events and upcoming compliance-related surveys and deliverables. Weekly agency calls between CPUC/E & E, SCG, and SCE, along with weekly email updates from SCG/SCE provide additional compliance information and construction summaries.

Furthermore, SCG's Monthly Compliance Status Report for August 2014 provided a robust compliance summary and included: a description of construction activities for August 1-31, 2014; a detailed look-ahead construction schedule; summary of compliance with project commitments (APMs/MMs) for air

quality, biological resources, cultural and paleontological resources, SWPPP, noise measures, and WEAP training; summary of non-compliance incidents; and a list of outstanding agency deliverables.

### **Non-Compliance Events**

One low-level non-compliance event occurred during this August 2014 reporting period. On Wednesday, August 20, project construction crew members parked in an area that was not previously approved for project use. Parking occurred in a previously disturbed and graded area adjacent to the entrance to the P-43 access road. Crew members felt it was not safe to park along the access road because it was not wide enough to accommodate parked vehicles and passing construction traffic. SCG self-reported one Level-1 non-compliance event in their August 2014 Monthly Compliance Status Report and notified the CPUC Compliance Manager (CM). Subsequently, SCG requested to continue using this area for parking due to safety concerns and E & E approved the continued use for parking. E & E also requested that in the future SCG halt work while requesting approval rather than use an unauthorized area.

### **Minor Project Refinements**

One amendment was made to MPR-04 (Kiewit parking area) during the August 2014 construction period. The MPR amendment allowed for the installation of utilities within previously disturbed areas at the Kiewit parking area.

Please contact me if you have any questions concerning this summary report.

Sincerely,



Lara Rachowicz  
Project Manager, Ecology and Environment, Inc.

CC:  
Seth Rosenberg, SCG  
Chris May, SCE



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 7, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS018
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building & P-43 Fill Site (NTP-2), New Kiewit trailer/parking location (MPR 04)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Hazy and warm (77 to 81 degrees) with an intermittent light breeze (0 – 5 mph)
E & E CM:	Lara Rachowicz	Start/End time:	1230 hrs to 1400 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, Temp trailer sites, the Kiewit site, & P-43		

### SITE INSPECTION CHECKLIST

WEATP Training	Yes	No	N/A
Has WEATP training been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
Equipment			
Are all vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?	X		
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

Are all excavations and trenches covered at the end of the day or ramps installed at 100-foot intervals and ramps not exceeding 2:1 slopes?	X		
Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities? Describe: Limekiln Canyon wash	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?			X
Is construction occurring within approved hours (7am-5pm, M-F)?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

Checked the Guard House and Road Widening construction area

Looked at the PS-42 fill site

Checked the P-43 Fill site

Checked the New Admin/IM Building work

Checked the Kiewit parking/trailer location

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I did a drive by look at the guard house construction area and there was no work going on. As usual the construction area looked good with no dust issues or dirt on the roadway (APM AQ-7).

I met with Seth Rosenberg and Amandeep Singh to discuss the current construction activities. Following our meeting we all drove to the PS-42 site where Seth was asking for PUC/EnE approval for installing a bollard to protect an existing pipeline. The pipeline is within the pad to be used as a rock/boulder staging area, there is very little vegetation around the bollard location and the area had been previously disturbed during what looks to be the excavation of an old bollard – see photo.

The excavation and compaction work at the P-43 site continues with 2 dozers, a loader, and a roller compactor working to prepare the fill site – see photo. Dust control (APM AQ-4) is not an issue as several crew members are using water hoses to wet down the soil to provide the proper moisture content to the soil. Archeological/Paleontological monitoring continues with Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) spot checking the various work locations. Her focus was on the P-43 site and the drilling operation for the New Admin/IM Building. Biological monitors Juan Miranda and Dave Lohr were both onsite (APM BR-1d & APM BR-6) providing oversight at the numerous work locations.

A drilling crew has begun work at the New Admin/IM Building location drilling holes for caissons that will support the roadway - see photo. A number of holes have been drilled down to a depth of 30+ feet. These holes are covered during the day and sealed at night to prevent animals from falling into them (APM BR-7). Dave Lohr said he checks the holes first thing in the morning using a flashlight to examine the bottom of each hole. Both Dave Lohr and Olivia Tierk were observing the drilling operation during the time of my site visit.

I looked over the Kiewit trailer/parking area where three of the four trailers have been brought in and are being set up. According to the Kiewit representative onsite some additional work is still needed for the drainage inlet along the edge of the pad.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Crews have kept the roadways cleared of loose material (APM AQ-7), there are no dust issues (APM AQ-6), and equipment seems to be in good working order and use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and doing a good job. Work crews all possess WEATP hardhat stickers (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

Non-compliance – Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.

Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.

Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/7/14	PS-42 Fill Site		<p>Rock/boulder stockpile area with existing pipe and valve that will require bollard protection. The bollard is proposed for the area near the 90-degree angle of the existing pipe.</p>
8/7/14	P-43 Fill Site		<p>Earth work continues with 2 dozers, a loader and a vibrating compactor preparing the site for soil import.</p>

8/7/14

New Admin/IM Building



Caisson drilling is taking place along the existing roadway with at least 8 thirty-foot holes already dug. The holes are covered for safety reasons and to keep animals from falling in.

8/7/14

Kiewit Parking & trailer site



Site preparation has been completed and three of the four trailers are being installed.



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 13, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS019
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building & P-43 Fill Site (NTP-2), New Kiewit trailer/parking location (MPR 04)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny & clear with mild temps (71 to 75 degrees) and an intermittent light breeze (0 – 3 mph)
E & E CM:	Lara Rachowicz	Start/End time:	0900 hrs to 1100 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, Temp trailer sites, the Kiewit site, & P-43		

### SITE INSPECTION CHECKLIST

	Yes	No	N/A
WEATP Training			
Has WEATP training been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
Equipment			
Are all vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?	X		
Work Areas			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

Are all excavations and trenches covered at the end of the day or ramps installed at 100-foot intervals and ramps not exceeding 2:1 slopes?	X		
Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities? Describe: Limekiln Canyon wash	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?			X
Is construction occurring within approved hours (7am-5pm, M-F)?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

Drove by the Guard House and Road Widening construction area.

Checked the P-43 Fill site.

Checked the New Admin/IM Building work.

Checked the Kiewit parking/trailer location.

Checked the new storage container location and the temporary trailer sites #1 & #5.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

No activity at the guard house construction area - there were no dust issues or dirt on the roadway (APM AQ-7).

The excavation and compaction work at the P-43 site continues with equipment working to prepare the fill site for soil import – see photo. Dust control (APM AQ-4) is ongoing at the site and the work is being overseen by Biological monitor Juan Miranda (APM BR-1d & APM BR-6) and Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8). Both monitors felt that the contractors have been very cooperative and the communication between all parties has been good.

A drilling crew continues to work at the New Admin/IM Building location drilling holes for caissons that will support the roadway - see photo. At the time of my site visit the crew was off-loading steel I-beams at the site. The holes remain covered during the day and sealed at night to prevent animals from falling into them (APM BR-7). Biological monitor Jose Lopez is onsite, providing oversight monitoring for the work here and at the other work locations.

I looked over the Kiewit trailer/parking area where all four of the trailers are in and are being set up – see photo. I also drove by the temporary trailer locations where parking striping is underway, and finally I checked the new storage container location where a number of storage containers have now been installed. Everything looked satisfactory.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Crews have kept the roadways cleared of loose material (APM AQ-7), fugitive dust has been minimized (APM AQ-6), and equipment seems to be in good working order and use minimized (APM AQ-1, APM AQ-2).

All of the crew onsite have been trained (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

**COMPLIANCE SUMMARY**

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

- Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

Non-compliance – Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.

- Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

- Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.

- Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/13/14	P-43 Fill Site		<p>Earthwork continues with equipment compacting the bench in preparation for its use as a fill site.</p>
8/13/14	New Admin/IM Building		<p>Caisson drilling continues with steel I-beams being brought to the site.</p>
8/13/14	Kiewit Parking & trailer site		<p>All four trailers have been brought in and are being installed.</p>

<p>8/13/14</p>	<p>Temporary trailer site #5</p>		<p>Road striping and final preparation of the temporary trailers is ongoing.</p>
<p>8/13/14</p>	<p>New Storage Container location</p>		<p>Storage units have been brought into the new location – no construction activity</p>



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 21, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS020
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building & P-43 Fill Site (NTP-2), New Kiewit trailer/parking location (MPR 04)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Another sunny & clear day with mild temps (69 to 75 degrees) and an intermittent light breeze (up to 3 mph)
E & E CM:	Lara Rachowicz	Start/End time:	0815 hrs to 1130 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, Temp trailer sites, the Kiewit site, PS-42 & P-43		

### SITE INSPECTION CHECKLIST

	Yes	No	N/A
<b>WEATP Training</b>			
Has WEATP training been completed by all new hires (construction and monitors)?	X		
<b>Erosion and Dust Control (Air and Water Quality)</b>			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
<b>Equipment</b>			
Are all vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?	X		
<b>Work Areas</b>			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		

Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are all excavations and trenches covered at the end of the day or ramps installed at 100-foot intervals and ramps not exceeding 2:1 slopes?	X		
Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities? Describe: Limekiln Canyon wash	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?			X
Is construction occurring within approved hours (7am-5pm, M-F)?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

Guard House and Road Widening construction area.

Checked the PS-42 & P-43 Fill sites.

Checked the New Admin/IM Building work.

Checked the temporary trailer sites #1 & #5.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I talked with Amandeep Singh and Johnny Grady about current construction activities and then drove to PS-42 where a crew is removing vegetation within the approved fill site – see photo. The area to be cleared had been delineated with flagged stakes (APM BR-1b) and nesting bird surveys had been conducted earlier in the week (APM BR-1a & APM BR-1c). All the crew have been trained (APM HZ-6) but did not have hard hat stickers. It was explained to me that crews wear orange hard hats when hand-clearing vegetation, and the stickers don't adhere well to those helmets. Biological monitor Juan Miranda (APM BR-1d & APM BR-6) was onsite with the clearing crew but had not seen any nesting birds or any wildlife other than an alligator lizard.

At the P-43 site, soil is being brought in from the New Admin/IM Building location using dump trucks that are covered while in transit. The dirt is dumped, watered, and compacted – see photo. This area is being spot-checked by the monitoring crew, but none of the AECOM crew were onsite during my site visit.

Several project activities were taking place at the New Admin/IM Building location, including excavation of soil to be trucked to the P-43 site, and installation of the support beams along the roadway – see photos. One excavator was filling trucks with dirt to be transported up to P-43. This work was being monitored by the Archeological/Paleontological monitor David Schroeder (MM CR-1, MM CR-3, MM CR-6 & MM CR-8). David stated that all of the soil currently being removed was fill dirt. Another crew was pumping slurry into the caisson holes to stabilize the beams. The concrete trucks were washing out in a plastic-lined basin built in the spoil piles. Biological monitor Dave Lohr was overseeing the work and said they had kept the holes sealed even with the beams in them (MM BIO-11), and therefore no animals were ever found in the drilled holes.

At the guard house construction area, crews were working to fill in a shallow conduit trench. I observed no fugitive dust or dirt on the roadway (APM AQ-7) – see photo. A new biological monitor, Eric Dugan, is overseeing the guard house work. He was WEATP-trained that morning.

Vehicles are now parking at the temporary trailer locations and using the facilities.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Crews have kept the roadways cleared of loose material (APM AQ-7), there was no fugitive dust (APM AQ-6), and equipment seems to be in good working order and its use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and doing a good job. Work crews all appear to have been trained (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

**COMPLIANCE SUMMARY**

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

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Non-compliance – Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.

- Non-Compliance Level 2: (Minor Incident) Level 2 should be those actions that have the potential to cause or cause immediate, minor risk to environmental resources such as activities that result in a deviation from the mitigation measure requirements that result in minor, short-term impact to resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

- Non-Compliance Level 3: (Major Incident) Level 3 are those actions that have the potential to cause or cause immediate, major risk to environmental resources such as: major environmental incident that is not in compliance with the applicant mitigation measures, mitigation measures, permit condition, approval (e.g., variances, addendums) requirements, and/or environmental construction specifications; violation of the law; or documented repetitive occurrences of Level 2 Minor Incident events. If you checked this box, please fill out a Non-Compliance Report.

- Non-compliance issues reported by SoCalGas or SCE: Were there any new non-compliance issues reported by SoCalGas or SCE monitors since your last visit? If so, describe issues and resolution and include SoCalGas or SCE report identification number.

- Unapproved use of a parking area. See description under “Non-Compliance Events” in the above letter and in SCG’s Monthly Compliance Status Report for August 2014.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/21/14	PS-42 Fill Site		Brush clearing at the PS-42 fill site.
8/21/14	P-43 Fill Site		Soil is being brought to the site - it is dumped, spread and compacted.
8/21/14	New Admin/IM Building		View of the New Admin/IM Building Area from the P-43 fill site.

8/21/14

New Admin/IM Building



Steel I- beams are being set.

8/21/14

New Admin/IM Building



Concrete trucks are washing out in a plastic lined basin built in the spoil piles.

8/21/14

New Admin/IM Building



Excavator filling dump trucks for transport up to the P-43 fill site.

8/21/14

Guard House



Crews are filling a shallow trench.

8/21/14

Temporay Trailer Location



Vehicles are now parking at the trailers.



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 28, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS021
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building & P-43 Fill Site (NTP-2), Leach Field (NTP-3), PS-42 Fill Site
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Another sunny, clear day with warm temps (88 to 93 degrees) and an intermittent light breeze (up to 3 mph)
E & E CM:	Lara Rachowicz	Start/End time:	1030 hrs to 1300 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, Temp trailer sites, PS-42 & P-43		

### SITE INSPECTION CHECKLIST

	Yes	No	N/A
<b>WEATP Training</b>			
Has WEATP training been completed by all new hires (construction and monitors)?	X		
<b>Erosion and Dust Control (Air and Water Quality)</b>			
Have temporary erosion and sediment control measures been installed?	X		
Are erosion and sediment control measures properly installed and functioning?	X		
Is mud tracked onto paved public roadways cleaned up in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Is excessive fugitive dust leaving the work area?		X	
<b>Equipment</b>			
Are all vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment idling unnecessarily?	X		
<b>Work Areas</b>			
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

Are all excavations and trenches covered at the end of the day or ramps installed at 100-foot intervals and ramps not exceeding 2:1 slopes?	X		
Biology			
Have preconstruction surveys been completed for biological (wildlife, nesting birds, gnatcatcher, least Bell's vireo) resources as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Have wildlife been relocated from work areas?		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)?		X	
Did you observe any threatened or endangered species? List:		X	
Are there wetlands or water bodies present near construction activities? Describe: Limekiln Canyon wash	X		
Have there been any work stoppages for biological resources?		X	
Cultural and Paleontological Resources			
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? Actions taken by applicant:		X	
Hazardous Materials			
Are hazardous materials stored appropriately and are procedures in place to prevent spills?	X		
Are appropriate fire prevention and control measures in place?	X		
Is contaminated soil properly handled or disposed of, if applicable?	X		
Work Hours and Noise			
Are night lighting reduction measures in place, as needed?			X
Is construction occurring within approved hours (7am-5pm, M-F)?	X		
Are noise control measures in place within 100 feet of sensitive receptors as needed?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

Checked the PS-42 & P-43 Fill sites.

Checked the New Admin/IM Building work – including the Leach Field work.

Checked the Storage container location

Checked the work at the Main office/existing trailer site

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

At the PS-42 fill site crews continue to conduct vegetation removal within the approved fill site – see photo. Biological monitor Juan Miranda (APM BR-1d & APM BR-6) is onsite full-time at this location. He reported that a large, non-human mammal bone was discovered within the area earlier in the week, but it was not considered to be significant.

At the P-43 site soil continues to be brought in from the New Admin/IM Building location using dump trucks that are covered while in transit. The dirt is dumped, watered down and compacted – see photo. A new biological monitor Scott Werner (his first day) was onsite at the time of my site visit. A new parking area was approved for use and pre-con bio surveys had been conducted – no vehicles were parked there at the time of my site visit.

I did a drive by check of the New Storage Container Location where a small crew was working on the electrical equipment - all looked good.

At the New Admin/IM Building area work continued on the excavation of soil to be trucked to the P-43 site – see photo. A small amount of “tainted/discolored” soil was encountered. This material was separated out and placed in a special bin – see photo. The CPUC was informed of this potentially contaminated soil and the Contaminated Soil Contingency Plan was implemented. A crew was working on building a roadway at the site, bringing dirt in and compacting it using a wire structure to support the edge of the road - see photo. Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) was spot-checking all of the construction sites, but the New Admin/IM Building area was her primary focus. No work was being done within the leach field area but the location had been flagged off and some excavation/pot holing work had been done previously – see photo. Biological monitor Dave Lohr was overseeing all of this work. There was a lot of exposed/disturbed dirt in this area and with a long weekend coming up I suggested to Dave that the site should be watered down really well to prevent any dust problems.

At the Main office/existing trailer site the trailers were being dismantled and a crew dressed in Hazmat gear were working outside the old trailers removing paint from the paved area – see photo.

No work was being done at the guard house construction area.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-5. Report only on MMs pertinent to your observations today)

Crews have kept the roadways cleared of loose material (APM AQ-7), there are no dust issues (APM AQ-6), and equipment seems to be in good working order and use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and doing a good job. Work crews all appear to have been trained and possessed hardhat stickers (APM HZ-6).

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries (compliance level 0) that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

Compliance Level 0: New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

Non-compliance – Level 1: Violates the project’s environmental requirements but does not immediately put environmental resources at risk. Applicant will need to correct the action and/or prevent repeat incidents of the same issue. If you checked this box, describe the incident below and follow-up to ensure correction.

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Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #
	N/A		

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/28/14	PS-42 Fill Site		Brush clearing at the PS-42 fill site.
8/28/14	P-43 Fill Site		Soil continues to be brought to the site - it is dumped, spread and compacted.
8/28/14	New Admin/IM Building – Leach field		A view of the leach field work area.

8/28/14

New Admin/IM Building



An excavator continued to load dump trucks with dirt for transport to the P-43 fill site.

8/28/14

New Admin/IM Building



Crews are working on building a roadway.

8/28/14

New Admin/IM Building



Some "tainted/discolored" soil was found and removed. It was placed in a special dumpster and dump truck.

8/28/14

Main office  
& Existing  
trailers



Crews are dismantling  
and cleaning up the  
old existing trailers.

8/28/14

New  
Storage  
Location



Some electrical work  
taking place at the  
storage location.