



## ecology and environment, inc.

Global Environmental Specialists

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October 23, 2014

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

### **Re: Monthly Report Summary #6 for Aliso Canyon Turbine Replacement Project**

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities occurring during the period **September 1 to September 30, 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 September 5, 18, and 25, 2014 and Travis Whitney visited on September 12, 2014. A Site Inspection Report (attached) was completed for each visit to summarize observed construction activities and compliance events, and to verify mitigation measures.

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, provided additional compliance information and construction summaries.

Furthermore, SCG's Monthly Compliance Status Report for September 2014 provided a robust compliance summary and included: a description of construction activities for September 1-30, 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**

No non-compliance events occurred during the September 2014 monitoring period.

### **Minor Project Refinements**

One amendment was made to MPR-02 (use of PS-42 fill sites) during the September 2014 construction period. The MPR amendment allowed for the addition of staging areas within the previously disturbed areas of the fill site. Several other minor approvals were given this month via email. See Table 1 below for a description of all approvals.

**Table 1.** September 2014 CPUC/E & E Approvals

<b>Description</b>	<b>Approval Date</b>
Cease Archaeological and Paleontological Monitoring for the Guardhouse	September 19, 2014
MPR #2 – Amendment 1	September 23, 2014
Use of PS-42 Rock Staging Area for staging fill/spoil	September 24, 2014
Reduction in paleontological monitoring for the Management and Crew-Shift Office Buildings	September 25, 2014
Pole and time-lapse camera installation at previously disturbed area	September 26, 2014

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:	September 5, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS022
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:	Sunny, clear day with mild temps (69 to 73 degrees); no breeze.
E & E CM:	Lara Rachowicz	Start/End time:	0800 hrs to 1030 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

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 PS-42 & P-43 Fill sites.

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

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)

No vegetation clearing was occurring at the PS-42 fill site but I checked the site to see the progress and to verify that all the clearing was within the approved boundaries – see photo. Work will start up again next week.

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. This area is only spot-checked by the monitors but all the workers are trained and they understand the procedures well. Crews have been watering for dust control along the access roads – see photo.

Electrical work continues at the New Storage Container Location and at the temporary trailer sites. I did not monitor these sites during this visit.

At the New Admin/IM Building area, soil is still being excavated and trucked to the P-43 site – see photo. More of the stained soil has been excavated at the site – this material was dug out, stockpiled onsite, fenced off, and covered with plastic. Based on visual inspection of the side walls of the excavated area, stained soil still remains. Crews are also continuing to work on the small roadway and are potholing in the leach field – see photos. Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) and Biological monitor Dave Lohr (APM BR-1d & APM BR-6) were spot-checking all construction sites, but the New Admin/IM Building area was their primary focus. Olivia said they are now excavating intact material but no fossils had been found. Dave has not seen any wildlife and therefore has not had to relocate any.

At the Main office/existing trailer site the trailers have been dismantled and all the hazardous material has been removed – see photo. Currently there was no work being done in this area.

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), fugitive dust has been minimized (APM AQ-6), and equipment seems to be in good working order and their use 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 possess hardhat stickers (APM HZ-6).

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

None

**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:**

N/A

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
9/05/14	PS-42		Brush clearing at the PS-42 fill site; work is nearly done.
9/05/14	P-43 stockpile area		Soil continues to be brought to the site. It is dumped, spread, watered, and compacted.
9/05/14	New Admin/IM Building – Leach field		Crew working on pot-holing in the leach field.

<p>9/05/14</p>	<p>New Admin/IM Building</p>		<p>An excavator continued to load dump trucks with dirt for transport to the P-43 fill site.</p>
<p>9/05/14</p>	<p>New Admin/IM Building</p>		<p>Crews are working on building a roadway and more stained soil was found and removed. The soil has been fenced and placed under plastic.</p>
<p>9/05/14</p>	<p>Main office &amp; Existing trailers</p>		<p>Crews have cleaned up and dismantled the old existing trailers.</p>





## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	September 12, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	TW002
Lead Agency:	California Public Utilities Commission	Project Phase/NTP:	Guard House and Road Widening Component (NTP-1), The New Admin/IM Building, Temp Trailer (NTP-2) & the Kiewit trailer/parking location.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	0845: 84F, calm wind 1200: 96F, wind WNW @ 3 mph Clear and sunny during the entire visit
E & E CM:	Lara Rachowicz	Start/End time:	0845/1200
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, Temp trailer sites & the Kiewit site.		

### 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	X		

and on approved roads?			
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 (NTP-1).

New Admin/IM Building work and the two Admin/IM Temporary trailer locations (NTP-2).\*

Kiewit parking/trailer location.\*

Central Compressor Station.\*

P-41 fill site.\*

P-43 fill site and parking/staging area.\*

PS-42 fill site.\*

Natural Substation.\*

\*Spot-check during visit, no construction activity to monitor.

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

A small construction crew was working on excavating fill to prepare for setting a wall in the Guard House area - see photos. Biological monitor Juan Miranda was present the entire time I was at the site. Juan and I observed a red-tailed hawk consuming rattlesnake on the slope east of the Guard House area. I verified with him that there were no new active nests in the vicinity or anywhere else through the project site. Amandeep Singh, SCG's consultant compliance monitor, was also on-site and escorted me to P-41, P-43, PS-42, and the Natural Substation, where no activity was occurring during my visit – see photos.

Amandeep stated that removal of existing pipes in the Central Compressor Station would be taking place; however, this was not the case while I was on-site – see photo.

No archaeological/paleontological monitor was present at the site today because no native soils or geological formations were being disturbed.

Fugitive dust and soil trackout were not observed during my visit. SWPPP BMPs all looked to be in good condition around the entire project site.

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

Crews continue to keep the roadways clear of soil trackout (APM AQ-7) and dust abated (APM AQ-6).

Biological monitors were present throughout the day (APM BR-1, BR-1d, BR-2, and BR-6) and were ensuring that all workers had completed the WEATP (APM HZ-6).

All silt fencing, straw wattles and other forms of erosion control/SWPPP BMPs observed were in good condition (APM GE-2).

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

None.

**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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- 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:**

N/A

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
9/12/14	Guard House		Small excavator prepping to set wall at the Guard House.
9/12/14	Guard House		Small trailer starting a spoil area at the Guard House.

<p>9/12/14</p>	<p>Kiewit offices and parking area</p>		<p>Kiewit staging area – no construction activity.</p>
<p>9/12/14</p>	<p>Central Compressor Station</p>		<p>Contractors meeting in the Central Compressor Station area – no construction activity during monitoring visit.</p>



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	September 18, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS023
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), P-41 & PS-42 Fill Site.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, clear day with mild temps (71 to 77 degrees) – slight breeze (0 to 5 mph).
E & E CM:	Lara Rachowicz	Start/End time:	0900 hrs to 1200 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42 & 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 P-41, PS-42 & P-43 Fill sites.

Checked the New Admin/IM Building work.

Checked the work at the Guard House

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

The vegetation clearing at the PS-42 fill site has been completed and all looks good. Some additional clearing has been proposed but it is still in the approval process.

At the P-43 site equipment was spreading and compacting the soil but on the day of my site visit no new dirt was being brought to the site – see photo. There are no dust problems at the site and the area is spot checked by the environmental monitors.

Vegetation clearing has begun at the P-41 fill site with a crew of approximately six using hand tools to clear vegetation – see photo. According to Biological Monitor Juan Miranda (APM BR-1d & APM BR-6) no animals have been seen and/or relocated, however, one fairly fresh rattlesnake skin was found by the crew. Snakes have been relocated to this area from other project locations earlier in the year.

Earth work is being done at the New Admin/IM Building area, with soil being moved, watered down and recompact – see photos. No dirt from this site is currently being excavated and trucked to the P-43 site, and no work was being done in the leach field. Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) and Biological monitor Dave Lohr were onsite checking on the construction activities. Olivia was the only Arch/Paleo monitor onsite and she said no fossils have been found of late. No wildlife have been observed or relocated by Dave.

Work was being done at the guard house construction area under the existing roadway – there is now a one lane road with temporary stoplights controlling traffic by the guard house construction.

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), equipment seems to be in good working order and their 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 possess hardhat stickers (APM HZ-6).

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

N/A

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

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

N/A

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
9/18/14	P-41		Brush clearing began at the P-41 fill site with a crew of six clearing vegetation.
9/18/14	P-43 stockpile area		Work at the P-43 stockpile site continues but no new soil was being brought to the site at the time of my site visit.
9/18/14	New Admin/IM Building		Overview of the Admin/IM area from the P-43 fill site.

<p>9/18/14</p>	<p>New Admin/IM Building</p>		<p>A dozer moving dirt in the New Admin/IM Building site.</p>
<p>9/18/14</p>	<p>New Admin/IM Building</p>		<p>More earth moving at the New Admin/IM Building site.</p>
<p>9/18/14</p>	<p>Guard House</p>		<p>Work at the guard house continues under the existing roadway.</p>



## Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	September 25, 2014
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS024
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), P-41 & PS-42 Fill Site.
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, clear day with mild temps (80 to 85 degrees) – slight breeze (0 to 5 mph).
E & E CM:	Lara Rachowicz	Start/End time:	0900 hrs to 1115 hrs
Monitor(s):	Vince Semonsen		
Project Component(s):	CPUC Oversight: Guard House, New Admin/IM Building, P-41, PS-42 & 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 P-41, PS-42 & P-43 Fill sites.

Checked the New Admin/IM Building work.

Checked the work at the Guard House

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

The vegetation clearing at the PS-42 fill site has begun again with crews now clearing the recently approved upper area of the site - see photo. This activity is being overseen by Biological Monitor Juan Miranda (APM BR-1d & APM BR-6). No wildlife has been seen or relocated during the oversight of this work. The crew foreman (Able) showed me an aerial photo of the site with the boundaries clearly marked – Juan was preparing to mark the steep eastern portion of the site.

At the P-43 fill site equipment the soil continues to be spread, compacted and sloped. No new dirt is being brought to the site – see photo. There are no dust problems at the site and the area is spot checked by the environmental monitors.

Vegetation clearing has been completed at the P-41 fill site and all looks good – see photo.

Earth moving continues at the New Admin/IM Building area, with soil being moved, watered down and recompacted – see photos – primarily by large dozers. No dirt from this site is currently being excavated and trucked to the P-43 site, and no work was being done in the leach field. Archeological/Paleontological monitor Olivia Tierk (MM CR-1, MM CR-3, MM CR-6 & MM CR-8) is onsite checking on the construction activities. Olivia and Juan are the only environmental monitors onsite today. Earlier in the week Juan Miranda relocated a large rattlesnake from the near the construction area. The animal was healthy and did not appear to have been stressed by the relocation.

At the guardhouse, crews are trenching under the existing roadway where the new guard shack will be located. According to construction crews, they are replacing/relocating existing electrical and sewer lines. Approvals had been given to reduce or eliminate the Arch/Paleo monitoring since the construction activity is all within previously disturbed areas. Traffic entering the Aliso site is controlled by a temporary stoplight since it is a one lane road along 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), equipment seems to be in good working order and their use has been minimized (APM AQ-1, APM AQ-2).

All the required oversight monitors are in place and doing a good job, communication between the monitors and the construction crews seems excellent. Work crews all appear to have been trained and have been issued 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:**

N/A



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
9/25/14	P-41 Fill Site		Brush clearing at the P-41 fill site has been completed.
9/25/14	P-43 stockpile area		Work at the P-43 stockpile site continues but new soil is not being brought to the site. Crews are compacting the soil and prepping the slope.
9/25/14	PS-42 Fill Site		Brush clearing begins again within the expanded site plan. This work is expected to take 3-4 days to complete.

<p>9/25/14</p>	<p>New Admin/IM Building</p>		<p>Excavation work along the newly installed caissons.</p>
<p>9/25/14</p>	<p>New Admin/IM Building</p>		<p>Earth moving continues at the New Admin/IM Building site.</p>
<p>9/25/14</p>	<p>Guard House</p>		<p>Work at the guard house continues under the existing roadway.</p>