



October 10, 2016

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

Re: Monthly Report Summary #29 for Aliso Canyon Turbine Replacement Project

Dear Mr. Barnsdale:

This monthly report provides a summary of the compliance monitoring activities that occurred during the period of **August 1 to 31, 2016**, for the Aliso Canyon Turbine Replacement (ACTR) 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, and as further modified in the Addendum to the Final EIR, as approved by the CPUC on December 18, 2014.

The CPUC has issued the following Notices to Proceed (NTPs) for the project to SCG and SCE:

- NTP #1 (February 25, 2014): The Guard House and road widening component.
- NTP #2 (May 27, 2014): Construction of new administrative 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 (CCS), grading for the Natural Substation, and installation of five tubular steel poles (TSPs) and string conductor.
- NTP-A (October 28, 2014): Work along Natural-Newhall-San Fernando and MacNeil-Newhall-San Fernando 66-kilovolt (kV) subtransmission lines and at the San Fernando, Newhall, Chatsworth, Sunshine, and MacNeil substations.
- NTP-B (February 24, 2015): Construction of a portion of Telecommunications Route 3 from the San Fernando Substation to the temporary San Fernando Substation Tap.
- NTP-C (April 14, 2015): Construction and telecommunication installation associated with the MacNeil-Newhall-San Fernando and Natural-Newhall-San Fernando 66-kV subtransmission lines.
- NTP-D (June 8, 2015): Additional construction and telecommunication installation associated with the MacNeil-Newhall-San Fernando and Natural-Newhall-San Fernando 66-kV subtransmission lines, and construction of the Natural Substation.
- NTP-E (September 21, 2015): Additional construction and telecommunication installation on Telecommunications Routes 1, 2, and 3.

Onsite compliance monitoring by the Ecology and Environment, Inc. (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 2, 17, and 22, 2016. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) were completed for all site visits. Reports are attached below (Attachment 1).

Overall, the ACTR Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's (MMCRP) Compliance Plan. Communication between the CPUC/E & E compliance team and SCG and

SCE has been regular and generally effective, with approximately daily correspondence to discuss and document compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Regular agency calls between CPUC/E & E, SCG, and SCE, along with weekly email updates from SCG and SCE, provided additional compliance information and construction summaries. Furthermore, SCG's and SCE's monthly compliance status reports for August 2016 provided compliance summaries and included: a description of construction activities for August 1 to 31, 2016; a detailed look-ahead construction schedule; a summary of compliance with project commitments (applicant proposed measures [APMs]/MMs) for air quality, biological resources, and cultural and paleontological resources; Storm Water Pollution Prevention Plan (SWPPP) measures; noise measures; the Worker Environmental Awareness Training Program (WEAP); a summary of non-compliance incidents; and a list of recent project approvals.

Compliance Incidents

No Non-Compliance Reports were issued by the CPUC during August 2016.

On August 2, 2016, SCG reported the mortality of a southern California rufous-crowned sparrow. An avian biologist discovered the bird entangled in bird netting covering a front-end loader staged at the TSP 45 staging area during a nesting bird survey. The biologist suspects the bird was foraging on the ground when it became entangled. SCG contacted the appropriate wildlife agencies and the CPUC. SCG proposed to cease using bird netting throughout the project site to prevent additional wildlife entanglements. SCG reported that the use of bird netting was discontinued on August 2, 2016.

Special Status Species Observations

No live or dead California newts, a California Department of Fish and Wildlife (CDFW)-designated Species of Special Concern, were observed during August 2016.

Public Concerns

There were no public concerns during August 2016.

Minor Approvals

During August 2016, two minor approvals were issued (Table 1).

Table 1: Minor Approvals for August 2016

Description	Approval Date
Email approval for the new IM Building minor encroachment on August 9, 2016. SCG further requested an approval letter on CPUC letterhead, which was sent on August 19, 2016, and received by SCG on August 24, 2016. (SCG)	August 9, 2016
Email approval for hydrotesting of small pipes at the P-37 Staging Area. (SCG)	August 15, 2016

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

Sincerely,



Lara Rachowicz
Project Manager, Ecology and Environment, Inc.

CC:
Derek Rodgers, SCG
Chris May, SCE

ATTACHMENT 1

CPUC Site Inspection Reports

August 2, 17, and 22, 2016



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 2, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS113
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, warm, and hazy.
E & E CM:	Lara Rachowicz	Start/End time:	1000 to 1045 at SCE components. 1100to 1330 at the Aliso Canyon Natural Gas Storage Field (Aliso Storage Field).
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). Tubular Steel Poles (TSPs) 2 through 42 (NTPs A, C, and D).		

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 observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	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?	X		

Are ramps installed at 100-foot intervals with 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?	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?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	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?	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)

TSP 7 and the SCE 210 Freeway Yard. 12-kilovolt (kV) power plant line (PPL) sites, PS-42 Fill Site, the Natural Substation access road, and the CCS.

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 briefly stopped at the TSP 7 access road; however no work was being conducted at the time of my visit.

I drove to the SCE 210 Freeway Yard to check the site. All of the equipment had been removed and the site was fairly clean. The old marble statues appeared undisturbed. Most of the gravel bags along the western fence remained onsite (Photo 1). I noted some trash throughout the site, including a pile of wire, one area with numerous nails and screws, and another area with what appeared to be anchor bolts that had been cut off at ground level (Photo 2). The remaining anchor bolt metal appeared to create a hazard, due to it being very sharp and sticking up above ground level.

I drove to the Aliso Storage Field and spoke with SCG's lead environmental monitor, Amandeep Singh (AECOM), and SCG's biologist, Johnny Grady, at their new office location. Amandeep Singh said they had crews weeding around the fill sites and stockpile areas. Amandeep Singh will be leaving the project, but will occasionally return to fill in for Ray Romero (AECOM), who will be his replacement.

The weeding crew was working at the P-32 Fill Site. The crew was removing invasive weeds by hand and trucking them offsite (Photo 3). Earlier in the week, the crew had addressed the invasive weed issues at the PS-42 rock stockpile area (Photo 6). Rock remains at this site, along with some of the old best management practices (BMPs), including some of the old netting-covered straw wattle.

I drove to the access road going into the TSP 39-42 area. I was unable to go through the gate, since the combination locks had been removed and I did not have a key to the SCE locks. I will coordinate with Chris May (SCE) for access to this area so I can check the finished restoration and topsoil replacement work.

At the PS-42 Fill Site, crews were spreading and compacting the soil that had been delivered to the site (Photo 4). I noted numerous old BMPs lining the well pad above the PS-42 Fill Site (Photo 5), including a long line of netting-covered straw wattle.

I drove along the Natural Substation access road and observed crews working within the Natural Substation. A crew was also bringing gravel to the 12-kV A1 poles (Photo 7) to be spread around under the two poles.

An asphalt water bar had been installed near the bottom of the Natural Substation access road, diverting rainwater runoff from the roadway into the Natural Substation biofiltration unit (Photo 8). This is not likely to reduce the amount of water running down through the oak swale following a substantial rainfall event, however.

I checked in at the new Admin/IM Building where construction was ongoing at the new office buildings (Photo 9). Biological monitor Juan Miranda (SCG) was onsite and we discussed the herpetofauna caught in the bird netting. He said he had removed several snakes after hearing from construction workers of an unpleasant smell around the new Admin/IM Building—the snakes had been dead for a long time. There was a large amount of extra netting at the base of the stockpiled materials, and the netting used to cover equipment was also piled onsite (Photo 10).

Juan Miranda and I traveled to the 12-kV A2 pole site where most of the restoration work has been completed (Photo 12). Some additional work was needed on the slope just south of the pole (Photo 11), and some pruning of the sapling oak is recommended once the construction fencing is removed (Photo 13). Photo 14 shows bottom of the oak swale drainage where it flows onto the A2 access road. This area needs some attention; otherwise, rainwater runoff will likely again flow down the access road. A catch basin could be used to slow the flow and redirect it into the historic drainage channel to the right of the access road.

Photo 15 is an overview shot of the CCS from the A2 crane pad; I did not go into the CCS.

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

Onsite monitors were in place and overseeing the construction activities; all construction personnel appear to have gone through the training (APM HZ-6).

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

Clean-up of all old BMPs, especially the netting-covered straw wattles.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

An evaluation of the rainwater runoff draining through the CCS facility is recommended.

Possible redirection of rainwater runoff coming down the Natural Substation access road. Possible energy dissipater/catch basin where the oak swale drainage meets the A2 access road.

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 #

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




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/02/16	SCE 210 Freeway Yard		Photo 1 – Old gravel bags lining the chain link fence along the western edge of the 210 Freeway Yard.
8/02/16	SCE 210 Freeway Yard		Photo 2 – What appears to be metal anchors that have been cut off at ground level. The metal is sharp and is slightly above ground level.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/02/16	P-32 Fill Site		Photo 3 – Crews are weeding a number of the fill sites utilized by the ACTR Project.
8/02/16	PS-42 Fill Site		Photo 4 – Imported soil is being spread and compacted in the PS-42 Fill Site.
8/02/16	Well Pad Above the PS-42 Fill Site		Photo 5 – Old BMPs remain along the well pad; most of the wattle is the older netting-covered straw wattle.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/02/16	PS-42 rock stockpile area		Photo 6 – Weeding has been completed around the stockpile area. Some of the old netting-covered straw wattle remains at this location.
8/02/16	12-kV A1-1 and A1-2 Poles		Photo 7 – Crews are delivering gravel to the site to be spread under the poles.
8/02/16	Natural Substation Access Road		Photo 8 – An asphalt water bar has been installed near the base of the access road.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/02/16	New Admin/IM Building		Photo 9 – Construction of the new office buildings continues.
8/02/16	New Admin/IM Building		Photo 10 – Bird netting used to cover equipment is piled onsite.
8/02/16	12-kV PPL A2 Pad		Photo 11 – This slope, located immediately south of the new pole, requires some maintenance.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/02/16	12-kV PPL A2 Pad		Photo 12 – Restored crane pad.
8/02/16	12-kV PPL A2 Pad		Photo 13 – Oak sapling; pruning is recommended once the fencing is taken down.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/02/16	12-kV PPL A2 Pad		<p>Photo 14 – Outfall for the oak swale is likely to flow onto the 12-kV A2 pole access road. The historic drainage channel is to the right of the roadway, just above the construction fencing.</p>
8/02/16	CCS		<p>Photo 15 – Overview of the CCS looking from the 12 kV PPL A2 pad.</p>



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 17, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS114
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear, hot, and breezy.
E & E CM:	Lara Rachowicz	Start/End time:	1100 to 1400 at the Aliso Canyon Natural Gas Storage Field (Aliso Storage Field)
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). Tubular Steel Poles (TSPs) 2 through 42 (NTPs A, C, and D).		

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 observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	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?	X		
Are ramps installed at 100-foot intervals with 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?	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?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	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?	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)

Oak Tree Mitigation Site, 12-kilovolt (kV) power plant line (PPL) sites, PS-42 Fill Site, the Natural Substation access road, P-37 Kiewit staging area, and the CCS.

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 drove to the Aliso Storage Field, arriving around 1100, and traveled to the temporary trailers to check in. Derek Rogers and Seth Rosenberg (both from SCG) were at the trailers and we discussed the project status.

I checked on the weeding work along the slopes of the P-32 Fill Site. Most of it looked good; however, the northern portion of the site, just below the access road, still needs to be addressed (Photo 1). I noted castor bean, milk thistle, mustard, and Russian thistle at this location.

I then drove to the PS-42 Fill Site where soil was to be delivered and spread/compacted by equipment (Photo 2). No work was being conducted during my site visit, and the three large pieces of equipment parked onsite were turned off. The straw wattles around the PS-42 Fill Site have been stripped of their plastic covering and the straw was left onsite (Photo 3). Weeding work had been conducted at the fill site, but weeds were not removed from the upper southeastern portion of the PS-42 Fill Site (Photo 4). Native vegetation existed at this location prior to the clearing work; however, extensive amounts of mustard and Russian thistle are now coming in. I spoke with SCG's monitor, Ray Romero (AECOM), later in the day about the weeding work at the PS-42 Fill Site.

Several piles of rock remain stockpiled on the well pad near the base of the PS-42 Fill Site (Photo 5).

A crew was working within the Natural Substation. Gravel had been spread around the two A1 12-kV poles, and a basket truck was set up under the poles (Photo 6). According to Derek Rodgers, work on the 12-kV lines is nearly complete.

I checked the Oak Tree Mitigation Site, and the oak trees were in good condition; however, I did notice a couple of cages with dead trees (Photo 7).

I stopped at the new Admin/IM Building, where construction is ongoing at the buildings (Photo 8). All of the bird netting has been removed from the stockpiled materials.

I parked on the west side of Limekiln Creek and noted a fair amount of trash building up along the silt fencing and along the edge of the creek channel (Photo 9). Photo 10 shows some of the ongoing work at the CCS. I noticed that a fair amount of water had entered the box culvert below the CCS (Photo 11). Ray Romero arrived onsite and I asked him about the water. He said they had a water release within the old CCS facility that made its way under the new CCS, down the box culvert, and into the creek. An evaluation of the amount of water potentially flowing through the new CCS drainage system is recommended.

Sediment and vegetation have been cleared out of the upper sedimentation basin/newt pond (Photos 12 and 13). Both the upper and lower sedimentation basins/newt ponds are dry, and there appears to be no flow within Limekiln Creek.

I walked up to the 12-kV A2 pole site, and it all looked the same as my previous visit (Photo 14). Photo 15 shows the bottom of the oak swale drainage where it deposits onto the A2 access road; this area needs some attention. Some final clean-up is still needed around the construction area (Photo 16).

At the P-37 Kiewit staging area, a crew was working on piping (Photo 17). I had not been to this site previously, and noted a large amount of construction materials stored at the site (Photo 18). Some old plastic-covered straw wattles were lining a portion of the staging area, and one of the drain inlets needed additional BMPs, given how much exposed soil could be seen (Photo 19).

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

Onsite monitors were in place and overseeing the construction activities; all construction personnel appear to have gone through the training (APM HZ-6).

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

Weeding work at the P-32 and PS-42 Fill Sites.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

An evaluation of the rainwater runoff draining through the CCS facility is recommended.

Possible energy dissipater/catch basin where the oak swale drainage meets the A2 access road.

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, 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 #

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




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/17/16	P-32 Fill Site		Photo 1 – Weeds remain along one portion of the P-32 Fill Site.
8/17/16	PS-42 Fill Site		Photo 2 – Soil continues to be brought into the PS-42 Fill Site.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/17/16	Well Pad Above the PS-42 Fill Site		Photo 3 – Crews have removed the plastic covering from straw wattles.
8/17/16	PS-42 Fill Site		Photo 4 – A variety of weeds are growing on the upper southeast portion of the PS-42 Fill Site.



REPRESENTATIVE SITE PHOTOGRAPHS




Date	Location	Photo	Description
8/17/16	Well Pad Below the PS-42 Fill Site		Photo 5 – Several piles of rock remain on the well pad.
8/17/16	A1 12-kV Poles		Photo 6 – Gravel has been spread around under the poles, and a lift truck is parked onsite.
8/17/16	Oak Tree Mitigation Site		Photo 7 – Oak trees.

REPRESENTATIVE SITE PHOTOGRAPHS




Date	Location	Photo	Description
8/17/16	New Admin/IM Building		Photo 8 – Construction continues on the new office buildings.
8/17/16	Limekiln Creek		Photo 9 – Trash is accumulating along the edge of Limekiln Creek; maintenance is recommended.
8/17/16	CCS		Photo 10 – Construction continues on the CCS.

REPRESENTATIVE SITE PHOTOGRAPHS


Date	Location	Photo	Description
8/17/16	Box Culvert Below the CCS		Photo 11 – Water and debris indicate a large quantity of water entered the drain inlet. This inlet drains directly into Limekiln Creek.
8/17/16	Upper Sedimentation Basin/Newt Pond		Photo 12 – Cleared out upper sedimentation basin/newt pond; the upper sedimentation basin/newt pond is dry.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/17/16	Upper Sedimentation Basin/Newt Pond		Photo 13 – Vegetation and sediments pulled from the upper sedimentation basin/newt pond.
8/17/16	12-kV PPL A2 Pad		Photo 14 – Access road and restored crane pad.
8/17/16	12-kV PPL A2 Pad		Photo 15 – Outfall for the oak swale flows onto the 12-kV A2 pole access road. The historic drainage channel is to the right of the roadway, just above the construction fencing.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/17/16	12-kV PPL A2 Pad		Photo 16 – Some clean-up of construction materials is needed around the poles.
8/17/16	P-37 Kiewit Staging Area		Photo 17 – Crews are working on pipes.
8/17/16	P-37 Kiewit Staging Area		Photo 18 – Large amounts of equipment is being stored at the site; old plastic covered straw wattles line a portion of the site.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/17/16	P-37 Kiewit Staging Area		Photo 19 – A drain inlet within the P-37 Kiewit staging area. There is a lot of exposed soil within the site, but very little is being done in the way of BMPs to control potential sediment runoff.



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	August 22, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS115
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy, mild temperatures, with a slight breeze.
E & E CM:	Lara Rachowicz	Start/End time:	0800 to 1000 at SCE components. 1000 to 1200 at the Aliso Canyon Natural Gas Storage Field (Aliso Storage Field).
Project NTP(s):	The new Admin/IM Building (NTP-2), Central Compressor Station (CCS) (NTP-3), PS-42 Fill Site, and the Natural Substation (NTP-3 and NTP-A). Tubular Steel Poles (TSPs) 2 through 42 (NTPs A, C, and D).		

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 observed maintaining a speed limit of 15 mph on unpaved roads?	X		
Are all vehicles/equipment observed arriving onsite clean of sediment or plant debris?	X		
Are vehicles/equipment turned off when not in use?	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?	X		

Are ramps installed at 100-foot intervals with 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?	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?		X	
Hazardous Materials			
Are hazardous materials stored appropriately?	X		
Are procedures in place to prevent spills and accidental releases?	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?	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)

TSP 2, 12-kilovolt (kV) power plant line (PPL) sites, PS-42 Fill Site, the Natural Substation access road, P-37 Kiewit staging area, and the CCS.

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 met with SCE's environmental staff, Todd White and botanist Mary Carroll, at the Crescent Valley Mobile Estates (Mobile Estates) near the SCE line at 0800. Mary Carroll will be overseeing the revegetation of the SCE portions of the ACTR Project. She and Todd White were returning to look at a number of locations, focusing on issues including revegetation, weeding, and the remaining construction equipment and debris. I accompanied them to the TSP 2 location, which was well-maintained with no garbage, debris, or weed issues (Photo 1). I had intended to coordinate with them for checking the TSP 39-42 locations, but the timing did not work out; therefore, I will check those sites at a later date.

I went for the Aliso Storage Field, and my first stop was the CCS. Photo 2 shows a portion of the piping that remained in the trench and was uncovered. I noted that there was an exit ramp at the downslope portion of the trench. Weeds were continuing to grow on the eastern slope of the CCS (Photo 3). I noted large amounts of mustard, along with Russian thistle, tree tobacco, and some fountain grass. Some of the straw wattle around the CCS and the P-37 Kiewit staging area was the old plastic-covered type.

I walked to the 12-kV A2 pole site where a crew was in a lift working on the wires (Photo 4). Several trucks were parked within the crane pad (Photo 5). Some final restoration is needed around the crane pad.

I drove by the P-37 Kiewit staging area and noted a crew working on some piping (Photo 6).

I then drove to the PS-42 Fill Site where soil was still being delivered to the site and spread/compacted by equipment (Photo 7). A water truck was onsite to provide compaction and dust control.

A small crew was working within the Natural Substation buildings, and a crew was working on the wires up the two A1 12-kV poles; a basket truck was set up under the poles (Photo 8).

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

Onsite monitors were in place and overseeing the construction activities; all construction personnel appear to have gone through the training (APM HZ-6).

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

Weeding work at the P-32 and PS-42 Fill Sites.

Check on restoration and revegetation of the TSP 39-42 locations.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)




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 #

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/22/16	TSP 2		Photo 1 – Checking locations with Todd White and Mary Carroll.
8/22/16	CCS		Photo 2 – A section of the pipeline coming out of the CCS remains exposed in the trench. A ramp is located in the downslope portion of the trench.
8/22/16	CCS		Photo 3 – Weeds are dominating the eastern slope of the CCS; species noted include mustard, Russian thistle, tree tobacco, and fountain grass.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/22/16	12-kV A2 Pole		Photo 4 – Crews continue to work on the 12-kV wires.
8/22/16	12-kV A2 Pole Crane Pad		Photo 5 – Crews utilizing the crane pad near the A2 pole.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/22/16	P-37 Kiewit Staging Area		Photo 6 – Crews working on the piping.
8/22/16	PS-42 Fill Site		Photo 7 – Soil continues to be delivered to the fill site and is being spread and compacted by crews.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
8/22/16	Natural Substation and 12-kV Poles		Photo 8 – Crews continue to work within the Natural Substation and on the 12-kV wires.