



December 14, 2016

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

Re: Monthly Report Summary #31 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 from **October 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 October 6, 13, and 24, 2016. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs)/ applicant proposed measures (APMs) 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 October 2016 provided compliance summaries and included: a description of construction activities from October 1 to 31, 2016; a detailed look-ahead construction schedule; a summary of compliance with project commitments (MMs/APMs) 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 ACTR Project approvals.

Compliance Incidents

There were no compliance incidents during October 2016.

Special Status Species Observations

Three live California newts, a California Department of Fish and Wildlife (CDFW)-designated Species of Special Concern, were observed during October 2016, two of which were relocated. One dead newt was documented during October 2016. The dead newt was collected in accordance with CDFW requested protocol.

Public Concerns

There were no public concerns during October 2016.

Other Issues and Concerns

A fire event occurred at the Aliso Canyon Storage Field near the Natural Substation on the night of October 18, 2016. The cause of the fire is under investigation. Approximately 28 acres were burned. The fire was 100% contained and no injuries or damage to buildings occurred.

Minor Approvals

During October 2016, one e-mail approval was issued.

Table 1: Minor Approvals for October 2016

Description	Approval Date
Email approval for use of a helicopter for aerial inspection of the 12-kV power line after a brush fire. (SCG)	October 21, 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
October 6, 13, and 24, 2016



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 6, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS120
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear and warm with gusty winds later in the morning.
E & E CM:	Lara Rachowicz	Start/End time:	0800 to 1000 at SCE components 1000 to 1130 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), and PS-42 Fill Site. 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)

TSPs 7, 10, 11, and 32, Guard Station, P-37 staging area, 12-kilovolt (kV) A2 TSP, P-41 Fill Site, PS-42 Fill Site, the new Admin/IM Building, 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)

Starting at 0800, my first stop was at TSPs 10 and 11 where a paving crew was applying a fresh coat of tar within the parking areas around the two poles (Photos 1 and 2). The crew was careful to keep the tar within the paved areas and had the parking lot drain inlets covered (Photo 1). I had a concern regarding the location of the paint and painting equipment, which were staged on the ground outside of the asphalt (Photo 3); however, I did not observe any spilled paint.

At the TSP 7 access road, crews were working on the roadway below the access road and preparing to repave the road (Photo 4). Crews had removed the old asphalt and prepped the road base, and were preparing to apply new asphalt. A fire crew was onsite, but I did not observe an environmental monitor.

At TSP 32, a SCE crew was installing an interset pole. SCE's paleontological monitor (Joey Raum) was onsite and overseeing the crew hand-excavating the hole for the pole (Photo 5). The SCE Storm Water Pollution Prevention Plan (SWPPP) inspector (Lucy Cortez) was also onsite and was conducting environmental training for the SCE crew (Photo 6). I spoke with Lucy about a number of locations that were in need of best management practices (BMPs) before the upcoming rainy season. Lucy said a project-wide evaluation was planned and would focus on areas that require additional BMPs.

I observed a juvenile gopher snake on the road leading to TSP 32. I removed it from the road.

I drove to the Aliso Storage Field and to the PS-42 Fill Site. Upon entering the facility, I noted that Russian thistle remains within Limekiln Creek near the Guard House. Near the PS-42 Fill Site, I found a piece of bird netting wrapped around a pole along the road (Photo 7). I cut the bird netting from the pole and placed it in the trash receptacle—if not collected and properly disposed of, this material could continue to trap animals for years after the project is complete.

A crew was working at the PS-42 Fill Site and installing BMPs to the bare soil slopes (Photo 8). It appeared that the crew had completed delivering soil to this site, and had installed one more concrete "V" ditch along the last layer of fill dirt.

Work continues within the CCS (Photo 9). The blowdown line remained uncovered in the location where it exits in the CCS facility (Photo 10).

My last stop of the day was at the A2 TSP location where the disturbed areas had been freshly sprayed with a hydroseed mix (Photo 11). Construction fencing will need to be removed, and some selective trimming of the damaged oak sapling should be completed.

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)

Russian thistle removal from Limekiln Creek near the Guard House.

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 TSP 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
10/06/16	TSP 11		Photo 1 – Paving work.
10/06/16	TSP 10		Photo 2 – Paving work.
10/06/16	TSP 10		Photo 3 – Paint and painting equipment near TSP 10.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/06/16	Roadway Leading to the TSP 7 Access Road		Photo 4 – Paving crews working near the access road.
10/06/16	TSP 32		Photo 5 – Hand excavation of the interset pole.
10/06/16	TSP 32		Photo 6 – SCE crew working on the installation of the interset pole.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/06/16	Roadway near the PS-42 Fill Site		Photo 7 – Bird netting found wrapped around a road railing.
10/06/16	PS-42 Fill Site		Photo 8 – “V” ditch has been installed, and crews are installing BMPs.
10/06/16	CCS		Photo 9 – Work continues within the CCS.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/06/16	CCS		Photo 10 – This section of the blowdown pipe remains open.
10/06/16	12-kV A2 TSP Site		Photo 11 – Disturbed slopes have been hydroseeded.



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 13, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS121
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear and calm with mild temperatures
E & E CM:	Lara Rachowicz	Start/End time:	0800 to 0900 at SCE components 0900 to 1100 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), and PS-42 Fill Site. 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, P-37 staging area, PS-42 Fill Site, the new Admin/IM Building, 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)

At 0800, I arrived at the TSP 7 access road. The paving work appeared to have been completed. The area was in good condition, with no trash, leftover construction materials, or equipment observed (Photo 1).

I drove to the Aliso Storage Field and checked in at the ACTR project office. Jennifer Campbell (SCG) and Ray Romero (AECOM) were in the office and we discussed the ongoing construction. They described the continuing work at the PS-42 Fill Site and stated that crews were working to repair the silt fence along Limekiln Creek. I mentioned the willows coming up in the new Admin/IM Building bioswale, and it was agreed that willow roots would eventually damage the biofiltration system located under the bioswale. Jennifer Campbell and Ray Romero planned to have a crew remove the willow seedlings.

At the PS-42 Fill Site, a crew was removing the straw wattles and installing a coconut erosion blanket on the exposed slopes (Photo 2). I noted that the blanket had plastic netting on one side of the roll (Photo 4). I asked Ray Romero about using this material, and he said that most blanket material has netting to hold it together and that the blanket would be installed with the netting side down. He also explained that excess soil generated from the CCS would be stockpiled on the well pad near the PS-42 Fill Site (Photo 3) until there was enough soil to warrant delivering it into the PS-42 Fill Site.

I looked at the P-37 well pad being used as a staging area for Kewit. Much of the Kewit materials had been moved, and half of the well pad/staging area was occupied by a drilling rig and its associated equipment (Photo 5). The one visible drain opening within the staging area remained in the same condition as my previous visit, with no new best management practices (BMPs) around it (Photo 6).

A crew was repairing the silt fence along Limekiln Creek (Photo 7) and replacing sand bags. Ray Romero was onsite with the crew and I pointed out some plastic straw wattle material near the upper sedimentation basin/newt pond that needed to be removed. Ray Romero was going to direct the crew to complete that work.

Work was ongoing within the CCS, including the excavation for and installation of a number of fire hydrants (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)

Russian thistle removal from Limekiln Creek near the Guard House.

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
10/13/16	Roadway Leading to the TSP 7 Access Road		Photo 1 – Paving work appears to be finished and it looks good.
10/13/16	PS-42 Fill Site		Photo 2 – Crews are installing an erosion blanket on the slopes of the PS-42 Fill Site.
10/13/16	PS-42 Fill Site		Photo 3 – Soil delivered to the PS-42 Fill Site is being stockpiled on the PS-42 Well Pad.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/13/16	PS-42 Fill Site		<p>Photo 4 – The coconut blanket has plastic netting on one side of the roll. This side will be placed against the ground.</p>
10/13/16	P-37 Staging Area		<p>Photo 5 – A drilling operation is now set up on a portion of the well pad.</p>

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/13/16	P-37 Staging Area		Photo 6 – Upgrades to the BMPs around the drain inlet are recommended.
10/13/16	CCS		Photo 7 – A crew is repairing the silt fence along Limekiln Creek.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/13/16	CCS		Photo 8 – Work on the fire hydrants is being conducted near the CCS.



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project:	Aliso Canyon Turbine Replacement	Date:	October 24, 2016
Project Proponent:	Southern California Gas Company and Southern California Edison	Report #:	VS122
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy and calm with mild temperatures
E & E CM:	Lara Rachowicz	Start/End time:	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), and PS-42 Fill Site. 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)

Burn area, PS-42 Fill Site, the new Admin/IM Building, 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 at 1000 and noted the recent burn area in the hills just west of the CCS (Photo 1). There were numerous fire crew personnel working in the burn area. The fire had been completely extinguished a few days prior, and the crews were cleaning up the area and collecting the fire hoses. The fire burned the slope to the Natural Substation access road (Photos 4 and 5) and had burned the vegetation and straw wattles on the slope just below the access road. Some crew members were staged on the A2 TSP crane pad.

I stopped at the new Admin/IM Building site and briefly observed the construction activities. Crews were working on the building installation (Photo 2).

I checked in at the ACTR project office and talked to Jennifer Campbell (SCG) about the project's status. She said that Amandeep Singh (AECOM) was onsite, along with Wayne Woodard, who were providing the environmental oversight.

At the PS-42 Fill Site, soil was being delivered and stockpiled within the site below the stabilized access road (Photo 3).

Work was ongoing within the CCS, and crews were installing the fire hydrants and preparing for roadway paving (Photos 6, 7, and 8). The silt fencing repair along Limekiln Creek was done well, and the slope west of the CCS had been weeded of Russian thistle. There was one area adjacent to the CCS entry road that could use some restoration and trash removal (Photo 9).

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)

Russian thistle removal from Limekiln Creek near the Guard House.

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
10/24/16	Hills just West of the CCS		Photo 1 – The dark area is the burn location.
10/24/16	New Admin/IM Building		Photo 2 – Work continues on building construction.
10/24/16	PS-42 Fill Site		Photo 3 – Soil is stockpiled on the PS-42 Fill Site.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/24/16	Looking down at the CCS from the Natural Substation		Photo 4 – The fire burned up to the Natural Substation access road.
10/24/16	South Facing Slope below the Substation Access Road		Photo 5 – Note the darkened line where a straw wattle burned.
10/24/16	CCS		Photo 6 – Work continues on the fire hydrants near the CCS.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/24/16	CCS		Photo 7 – The area around the CCS is being prepared for paving.
10/24/16	CCS		Photo 8 – Work on the fire hydrants.
10/24/16	CCS		Photo 9 – Slope west of the CCS entrance road could use some trash removal and final grading/restoration.