



ecology and environment, inc.

Global Environmental Specialists

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June 11, 2018

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

Re: Monthly Report Summary #39 for Aliso Canyon Turbine Replacement Project

Dear Mr. Barnsdale:

This report provides a summary of the compliance monitoring activities that occurred during the period from **October 1, 2017, to April 30, 2018**, 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 stringing conductor.
- NTP-A (October 28, 2014): Construction associated with the Natural-Newhall-San Fernando and MacNeil-Newhall-San Fernando 66-kilovolt (kV) subtransmission lines, and work 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 spot-checks of ongoing construction and restoration activities. Compliance Monitor Vince Semonsen and Compliance/Project Manager Jenny Vick visited the Aliso construction and restoration sites on February 21, 2018. A site inspection report that summarizes observed construction and restoration activities and compliance events and verifies mitigation measures (MMs)/applicant proposed measures (APMs) was completed for the site visit. The report is attached below (Attachment 1).

Overall, the ACTR Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's (MMCRP's) Compliance Plan. Communication between the CPUC/E & E compliance team, SCG, and SCE has been regular and generally effective; correspondence discussed and documented compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. 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 reports for October, November, and December 2017 and January, February, March, and April, 2018 provided a compliance summary and included: a description of construction activities from for each month; a detailed look-ahead construction schedule; a summary of compliance with project commitments (MMs/APMs) for air quality, biological resources, cultural and paleontological resources, the Storm Water Pollution Prevention Plan (SWPPP), noise, and the Worker Environmental Awareness Training Program (WEAP); a summary of non-compliance incidents; and a list of recent ACTR Project approvals.

In October, November, and December 2017 and January, February, March, and April, 2018, SCE did not conduct any construction activities beyond restoration and weed abatement. SCE has minor outstanding construction components to complete and will notify CPUC/E & E when these activities are scheduled. SCE is no longer required to provide monthly compliance status reports or weekly email updates to the CPUC.

Non-Compliance Issues

There were no compliance incidents during October, November, and December 2017 and January, February, March, and April, 2018.

Special Status Species Observations

No dead California newts, a California Department of Fish and Wildlife (CDFW)-designated Species of Special Concern, were observed by SCG or SCE during October, November, and December 2017 and January, February, March and April, 2018. One live California newt was observed in April 2018.

Public Concerns

There were no public concerns during October, November, and December 2017 and January, February, March, and April, 2018.

Minor Approvals

During October, November, and December 2017 and January, February, March, and April, 2018, there were no email or Minor Project Refinements approved.

Sincerely,



Jenny Vick
Project Manager, Ecology and Environment, Inc.

cc:

Derek Rodgers, SCG
Chris May, SCE

ATTACHMENT 1

CPUC Site Inspection Report
February 21, 2018



Aliso Canyon Turbine Replacement Project CPUC Site Inspection Form

Project	Aliso Canyon Turbine Replacement	Date:	February 21, 2018
Project Proponent	Southern California Gas Company and Southern California Edison	Report #:	VS136
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen Jenny Vick
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy w/ mild temps
E & ECM:	Jenny Vick	Start/End Time:	SCG from 1400 to 1530
Project NTP(s):	Guard House and road widening (NTP-1). The new Admin/IM Building (NTP-2) and Central Compressor Site (CCS) (NTP-3). P-41 Fill Site (NTP-2), PS-42 Fill Site, P-32 Fill Site (NTP-3), and the Natural Substation (NTP-3, NTP-A). TSPs 2 through 42 and the SCE 210 Freeway Yard.		

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 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 (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)

Oak Tree Mitigation Site, PS-42 Fill Site, Natural Substation, and 12-kilovolt (kV)/tubular steel pole (TSP) A2 access road.

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 Ecology and Environment, Inc. (E & E) project manager Jenny Vick and we headed into the Aliso Storage Field at around 1400. On the way in, we noted that the California newt crossing signs were still displayed. It did not appear that any red-tailed hawks were nesting in the sycamore tree along the main access road.

We met with project manager Jim Strader (SCG) and environmental coordinator Derek Rodgers (SCG) at the Aliso Canyon Turbine Replacement (ACTR) Project (Aliso) trailers to discuss activities and timing.

We drove to the Oak Tree Mitigation Site, noting that the trees looked healthy and well maintained – Photo 1.

Coming back down the hill, we stopped at the PS-42 Fill Site. The site looked stable and had numerous native seedlings coming in on the slope; however, the top portion of the site was devoid of vegetation – Photo 2.

The access road to the Natural Substation looked stable and well vegetated. The upper portion of the oak swale near the Natural Substation had most of its temporary erosion control measures damaged or compromised in some way – Photos 3 and 4.

The 12-kV/TSP A2 access road (A2 access road) and disturbed area around the A2 TSP site appeared to be stable, with best management practices (BMPs) in place and vegetation being reestablished – Photo 5. The lower portion of the oak tree swale near the A2 access road appeared unchanged, with fairly deep (5 foot) erosion gullies remaining both above and below the access road – Photos 6, 7, and 8.

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

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

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

Check the oak swale erosion repairs.

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
2/21/18	Oak Tree Mitigation Site		Photo 1 – The oak trees appear healthy; the area has been mowed and the cages are in good repair.
2/21/18	PS-42 Fill Site		Photo 2 – The PS-42 Fill Site is stable and well maintained.


REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
2/21/18	Oak Tree Swale Below the Natural Substation		Photo 3 – Erosion control measures (coconut blanket and rocks) have been washed away.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
2/21/18	Oak Tree Swale Below the Natural Substation		Photo 4 – A deteriorated coconut blanket and rocks have been washed away.
2/21/18	A2 Tubular Steel Pole and Access Road		Photo 5 – Paving and BMPs are in place.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
2/21/18	Oak Tree Swale Near the A2 Access Road		Photo 6 – Erosion gullies.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
2/21/18	Oak Tree Swale Near the A2 Access Road		Photo 7 – Erosion upstream of the access road.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
2/21/18	Oak Tree Swale Near the Tubular Steel Pole A2 Access Road		Photo 8 – Large erosion gully.