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March 8, 2018

Lisa Orsaba
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Monthly Report Summary #4 for the Mesa 500-kV Substation Project

Dear Ms. Orsaba,

This report provides a summary of the compliance monitoring activities that occurred during the period from **January 1 to 31, 2018**, for the Mesa 500-kilovlt (kV) Substation (Mesa Substation) Project in Los Angeles County, California. Compliance monitoring was performed to ensure that all project-related activities conducted by Southern California Edison (SCE) and their contractors comply with the requirements of the Final Environmental Impact Report (Final EIR) for the Mesa Substation Project, as adopted by the California Public Utilities Commission (CPUC) on February 9, 2017.

The CPUC has issued the following Notices to Proceed (NTPs) for the Mesa Substation Project to SCE:

- NTP #1 (September 27, 2017) – Vegetation removal and grading, waterline relocation, Operating Industries Incorporated (OII) well removal, and various line relocations (transmission, subtransmission, distribution, and telecommunications).
- NTP #2 (November 15, 2017) – Remaining construction components, including vegetation removal and grading, and the removal, replacement, relocation, modification, and/or construction of perimeter and retaining walls, Mechanical Electrical Equipment Rooms (MEERs), operations and test and maintenance buildings, storm drains, lattice steel towers, various poles, underground trenches, concrete foundations, and associated components. Equipment modification at 29 satellite substations.

Onsite compliance monitoring by the Ecology and Environment, Inc. (E & E) compliance team during this reporting period focused on spot-checks of ongoing construction activities. Compliance Monitor Vince Semonsen visited the Mesa Substation construction sites on January 2 and 25, 2018. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Overall, the Mesa Substation 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 SCE has been regular and effective; the correspondence discussed and documented compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Agency calls between CPUC/E & E and SCE, along with daily schedule updates and database notifications, provided additional compliance information and construction summaries.

Furthermore, SCE's monthly compliance status report for January 2018 provided a compliance summary and included a description of construction activities from January 1 to 31, 2018, a detailed look-ahead construction schedule, a summary of compliance with Mesa Substation Project commitments (MMs/APMs) for biological resources, cultural and paleontological resources, the Storm Water Pollution Prevention Plan (SWPPP), noise, and the Worker Environmental Awareness Program (WEAP), non-compliance issues and resolutions, and public complaints and notifications.

Compliance Incidents

During the January 2018 reporting period, several compliance incidents occurred. Compliance incidents include the following:

- January 9, 2018: At the Kiewit receiving pit, two beam pits had no wildlife exclusionary covers and one beam pit had a cover, but there was a significant gap. No wildlife were observed in the pits. This incident conflicts with MM BR-10, which requires wildlife exclusionary devices to be installed around open trenches and excavations. The incident occurred during a rain event and was missed during the final check of the exclusionary devices in the area. The crew was reminded of the importance of properly covering the pits.
- January 10, 2018: After a recent rain event, several best management practices (BMPs) were overwhelmed and sedimentation flowed from inside the work area to outside disturbance limits. The incident occurred in Area 1BB. The sedimentation overflowed a silt fence and flowed into a concrete culvert. Gravel bags downstream of the incident partially blocked the sediment flow. Additionally, sedimentation flowed offsite into the same jurisdictional drainage from an area that lacked BMPs. This incident conflicts with MM HY-1, which requires BMPs be installed to reduce runoff and sediment from leaving the work area, and Streambed Alteration Agreement (SAA) Avoidance and Minimization Measure (AMM) 2.26, which requires erosion control measures be in place. Power Grade repaired the BMPs, and the erosion rills were removed to prevent further runoff.
- January 18, 2018: A Power Grade crew was observed maneuvering a bulldozer and pushing scrapers within 100 feet of the coastal California gnatcatcher habitat Environmentally Sensitive Area (ESA) without a biological monitor present. The incident occurred in Area 2B and did not result in any impacts to coastal California gnatcatcher. This incident conflicts with MM BR-9, which requires construction activities within 100 feet of native vegetation be monitored by a biologist.
- January 22, 2018: Kiewit inadequately installed wildlife exclusionary devices over a beam pit. The incident occurred at the Kiewit receiving pit. No wildlife were observed in the pit. This incident conflicts with MM BR-10, which requires wildlife exclusionary devices to be installed around open trenches and excavations. Kiewit reminded the crew of the requirement to cover the pits at the end of the day.
- January 29, 2018: A Michels crew (subcontractor to Power Grade) entered into the 100-foot flagged area around the coastal California gnatcatcher habitat ESA without a biologist present to connected a bucket to a crane arm and mobilized the crane. Orange flagging had been installed around the ESA to indicate that the area was not cleared and a biologist was not present. This orange flagging was in place and had not been removed by the biologist at the time of the incident. This incident conflicts with MM BR-9, which requires construction activities within 100 feet of native vegetation be monitored by a biologist. During every tailboard meeting, Power Grade had been reminding crews that any construction activity within the 100-foot buffer requires a monitor. The Michels crew did not understand what constitutes "construction activities;" however, since the time of this incident, crews were reminded of what constitutes "construction activities." Additionally, Power Grade has had several discussions with Michels management to

emphasize project requirements and what would be considered a violation of those project requirements.

Additionally, four minor spills/leaks were self-reported by SCE. These incidents were dealt with in a timely manner.

Non-Compliance Report

On January 9, 2018, the CPUC issued SCE Non-compliance Report (NCR) #1. NCR #1—a Level 2 NCR—was issued for repeated incidents of contractors working prior to pre-construction clearance sweeps, working without a biological monitor, and failing to install (or adequately install) wildlife exclusionary devices. Several incidents occurred in special status species habitat or native vegetation, and these incidents put sensitive resources at risk. The incidents that resulted in NCR #1 occurred from October to December 2017 and are documented in previous monthly reports. The CPUC has requested that SCE prepare a response plan outlining how and when they will remind contractors about their responsibilities and the actions SCE will take to prevent or reduce future incidents. SCE submitted the response plan by January 31, 2018, as requested.

Public Concerns

There were no public concerns during January 2018.

Minor Approvals

During January 2018, there were no email or Minor Project Change approvals.

Sincerely,

Jenny Vick
Project Manager, Ecology and Environment, Inc.

cc:
Lori Rangel, SCE
Don Dow, SCE

ATTACHMENT 1

CPUC Site Inspection Report

January 2 and 25, 2018

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	January 2, 2018
Project Proponent:	Southern California Edison	**Report #:**	VS013
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Hazy with some sunshine, and cool with a slight breeze
E & E CM:	Jenny Vick	**Start/End Time:**	1000 to 1230
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?		X	
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?		X	
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?		X	
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?		X	
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrapers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		

Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		
Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (wildlife, nesting birds, coastal California 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		
Has wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts to these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
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? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

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

Mesa 500-kilovolt (kV) Substation (Mesa Substation), Kiewit jack-and-bore pit, and Transmission Corridor north of Potrero Grande Drive.

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 arrived onsite at 1000.

Near the Kiewit jack-and-bore pit, Power Grade crews were drilling a foundation hole for a lattice steel tower (Photo 1). Paleontological monitor Hannah Cohen (Paleo Solutions) was spot-checking the work at the Kiewit jack-and-bore pit (MM CR-4). At the Kiewit jack-and-bore pit, work had just begun on the deep excavation of the water line trench (Photo 2). Ahead of the trench work, the crew was using an excavator to strip a 35-foot-wide by 5-foot-deep swath of soil. This soil was being stockpiled on either side of the trench (Photo 3).

No work was taking place in the detention basin (Photo 4), but a variety of construction activities were taking place just east of the detention basin at the 16-kV switchrack (Photo 5).

An excavator was removing some of the old tower foundations (Photo 6).

During my site visit, earthwork was ongoing, with scrapers, bulldozers, motorgraders, and water trucks working at locations in the center of the Mesa Substation site and along the southern border (APM-AIR-01, MM HY-1) (Photo 7).

Maintenance work was being conducted on the concrete crushing equipment (Photo 8).

At the Market Place, a crew was unloading more storm drain pipe in preparation for additional work in the area (Photo 11). Biological monitor Matt Daniele (ICF) (APM-BIO-04, MM BR-2) was overseeing the work. During the time of my site visit, water was not flowing through the equipment parking area; however, some of the equipment had been parked in other areas (Photo 9). I noted some ponded water in the old drainage channel, and more water began flowing from the drain pipes while I was onsite (Photos 10 and 11). This situation will be exacerbated by winter rains.

On the Mesa Substation access road north of the Market Place, I noted three plastic barrels installed in the ground to protect unidentified valves (Photo 12). The barrels appeared to have been capped, but the covers were broken (presumably when a bulldozer or other piece of equipment drove over them). The barrels were pitfall traps for wildlife; however, I did not observe any animals inside them. When safety lead Craig Pernot (Power Grade) arrived onsite, we discussed replacing the covers on these barrels (MM BR-10).

North of Potrero Grande Drive, the Kiewit crew was focusing their efforts on stabilization of the water pipe and building and pouring headwalls (Photos 13 and 14). Most of the Kiewit jack-and-bore pit was dusty, with spoil piles requiring coverage or the application of water for dust control.

During my site visit, I noted that the entry/exit onto Potrero Grande Drive needs BMPs installed to prevent track-out (Photo 15).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have gone through the Worker Environmental Awareness Program (WEAP) training (MM BR-5).
See the mitigation measures (MMs) listed in the observed activities.

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

Dust control throughout the Mesa Substation site; water drainage; BMPs.

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

It is recommended to develop a plan for handling water entering the Mesa Substation site.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries 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.

☐ 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: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

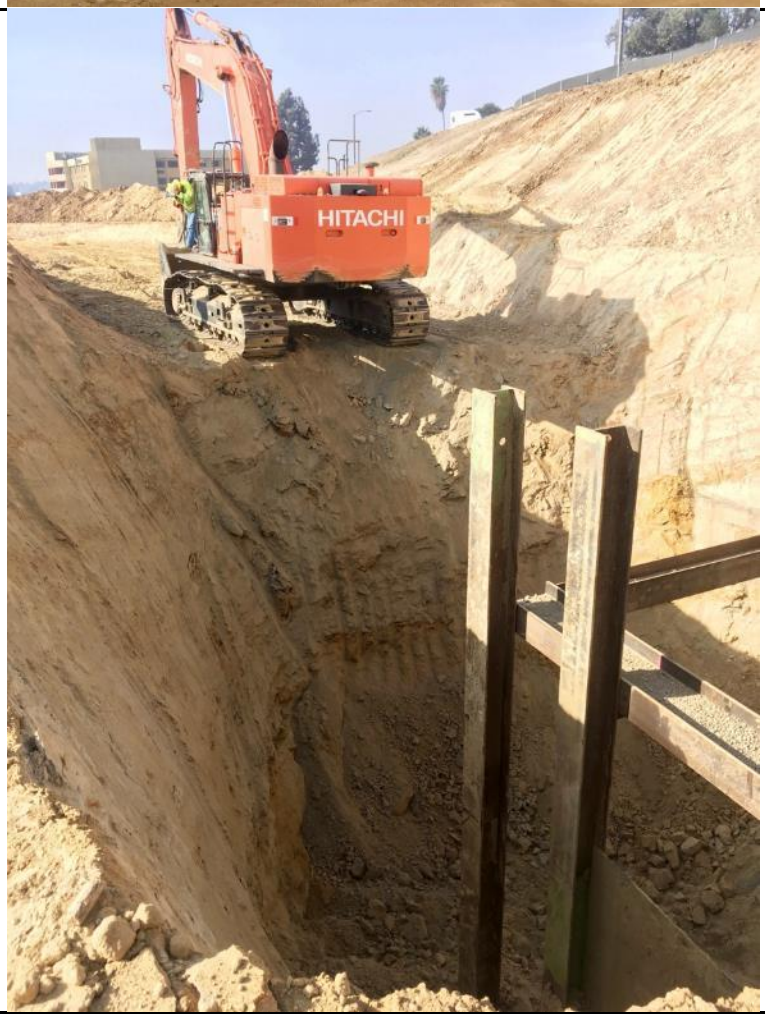
☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

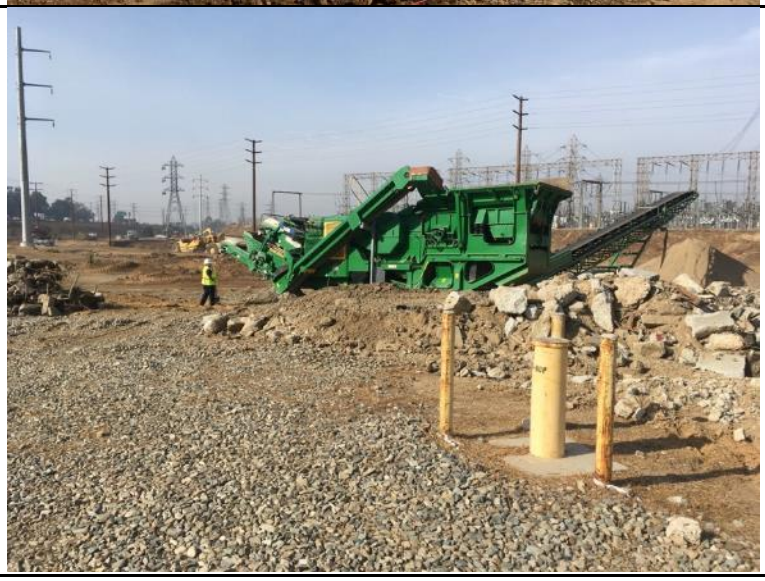
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

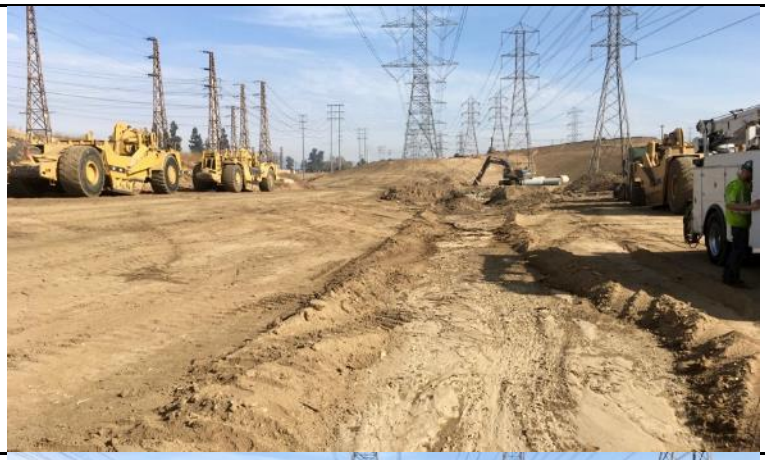
Date	Non-Compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/2/18	Mesa Substation		Photo 1 – Drilling work for a new lattice steel tower near the Kiewit jack-and-bore pit.
1/2/18	Mesa Substation – Kiewit Jack-and-Bore Pit		Photo 2 – Deep excavation begins for the waterline trench. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/2/18	Mesa Substation – Waterline		Photo 3 – Shallow trenching for the waterline. Photo facing south.
1/2/18	Mesa Substation		Photo 4 – Detention basin. Photo facing west.
1/2/18	Mesa Substation		Photo 5 – Concrete pouring for the 16-kV switchrack. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/2/18	Mesa Substation		Photo 6 – Removal of old tower foundations. Photo facing northeast.
1/2/18	Mesa Substation		Photo 7 – Earthmoving continues at several locations. Photo facing east.
1/2/18	Mesa Substation		Photo 8 – Concrete crushing equipment is being worked on. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/2/18	Mesa Substation – Market Place		Photo 9 – Dry drainage channel through the vehicle parking area. Photo facing east.
1/2/18	Mesa Substation – Market Place		Photo 10 – Ponded drainage detention basin that was opened. Photo facing east.
1/2/18	Mesa Substation – Market Place		Photo 11 – Drain pipes with water flowing in from offsite.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/2/18	Mesa Substation – Market Place		Photo 11 – Additional drain pipes being brought to the Market Place. Photo facing northeast.
1/2/18	Mesa Substation		Photo 12 – Open valve barrels along the access road.
1/2/18	Mesa Substation – Kiewit Jack-and-Bore Pit		Photo 13 – Water pipe in the trench. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/2/18	Mesa Substation – Kiewit Jack-and-Bore Pit		Photo 14 – Concrete pouring over the water pipe. Photo facing east.
1/2/18	Mesa Substation – Potrero Grande Drive		Photo 15 – Exit/entry without proper BMPs.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	January 25, 2018
Project Proponent:	Southern California Edison	**Report #:**	VS014
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Overcast, cool, and calm
E & E CM:	Jenny Vick	**Start/End Time:**	0700 to 1030
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrapers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (wildlife, nesting birds, coastal California 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		
Has wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts to these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
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? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

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

Mesa 500-kilovolt (kV) Substation (Mesa Substation), Kiewit jack-and-bore pit, and Transmission Corridor north of Potrero Grande Drive.

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 arrived onsite at 0700 and began a walking tour of the Mesa Substation site. My first observation was of a large lattice steel tower under construction just west of the Mesa Substation entrance (Photo 1).

The weather system that moved through southern California in mid-January produced a fair amount of rainfall on the Mesa Substation site. I spoke with Power Grade foreman Willie Clark who said that a large amount of rainwater runoff entered the Mesa Substation site from offsite locations (particularly from the Market Place) and filled several detention basins (Photos 2 and 8). According to Willie Clark, project work was shut down for about a week, with much of that time spent pumping water into various basins. Crews have been using the captured runoff water for dust control and compaction.

Crews were continuing their work installing the water line through the Mesa Substation site (Photos 3, 5, and 6). Willie Clark said that the entire water line trench has been dug; therefore, water line work was now focused on installation, welding, and backfilling. Once the pipe is installed, crews will complete the tie-in work at both ends of the new water line.

There was a lot of activity around the 16-kV switchrack, with a number of carpenters building forms for the various foundations (Photo 4). Overhead work was being conducted on the new towers located along the southern boundary of the Mesa Substation site (Photo 7).

At the western end of the Mesa Substation site, excavation crews located and dug out the original drain outlet and had trenched back from this location in preparation for laying storm drain pipe (Photo 9).

I noted a newly poured shallow foundation for the perimeter retaining wall running along the Mesa Substation site's southern boundary (Photo 10).

Crews were continuing with major earthmoving work using three scrapers, a bulldozer, a motorgrader, and water trucks in the southeastern portion of the Mesa Substation site (APM-AIR-01, MM HY-1) (Photo 11). This work was being conducted near Environmentally Sensitive Area (ESA) habitat; therefore, biological monitor Eric Willems (ICF) was present. The USFWS Biological Opinion measures call for "rinsing" the coastal sage scrub ESA, and this took place while I was onsite (Photo 13). I discussed the procedure with Eric Willems and he said that he walks ahead of the water truck looking for coastal California gnatcatchers to ensure they are not impacted by the water spray. In one of the online database entries, a coastal California gnatcatcher was in the vegetation during the rinsing; however, this individual did not appear to be affected by the water. In fact, this coastal California gnatcatcher was seen preening shortly after the water truck passed by.

At the Market Place, crews have poured the headwall for the storm drain and will be resetting the riprap shortly (Photo 12). Biological monitor Matt Daniele (ICF) (APM-BIO-04, MM BR-2) monitored this crew.

A bulldozer was moving soil near Greenwood Avenue (Photo 14). Biological monitor Jenni Snibbe (ICF) was overseeing this work.

Project activities north of Potrero Grande Drive included some bulldozer work under the new transmission lines (Photo 15), pouring new tower foundations (Photo 16), and backfilling the water line (Photo 17). Paleontological monitor Bobby Ebelhar (Paleo Solutions) was spot-checking this work (MM CR-4). The water line coming from the exit hole will need to be backfilled (Photo 18).

Vegetation removal was conducted earlier in the day in a small location adjacent to Potrero Grande Drive (Photo 19).

Before I left the Mesa Substation site, I observed a pair of red-tailed hawks building a nest in a tower in the Kiewit yard (Photo 20). Project workers are aware of this nest, and construction crews are currently not using this yard.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have gone through the Worker Environmental Awareness Program (WEAP) training (MM BR-5).
See the mitigation measures (MMs) listed in the observed activities.

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

Bird surveys and buffers will be important for nesting bird season (MM BR-11).

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 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.

☐ 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: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental 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: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

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

Date	Non-Compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

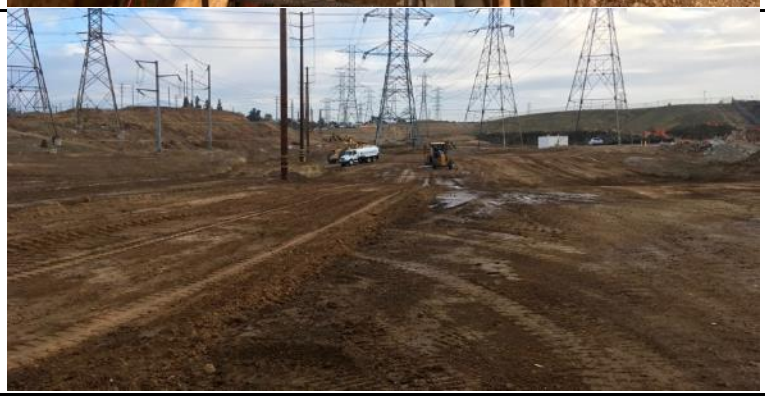
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

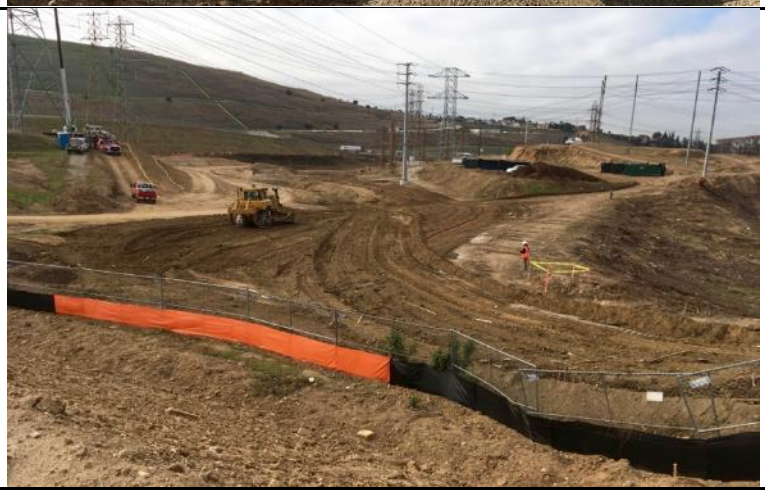
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation		Photo 1 – New lattice steel tower under construction just west of the Mesa Substation site entrance. Photo facing west.
1/25/18	Mesa Substation		Photo 2 – Temporary onsite retention basin. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation – Water Line		Photo 3 – Water line coming out of the exit hole and being backfilled. Photo facing southwest.
1/25/18	Mesa Substation		Photo 4 – 16-kV swtichrack area. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation		Photo 5 – Water line running through the middle of the Mesa Substation site. Photo facing northwest.
1/25/18	Mesa Substation		Photo 6 – End of the water line trench near the southern tie-in point. Photo facing west.
1/25/18	Mesa Substation		Photo 7 – Crew working on the new towers. Photo facing east.

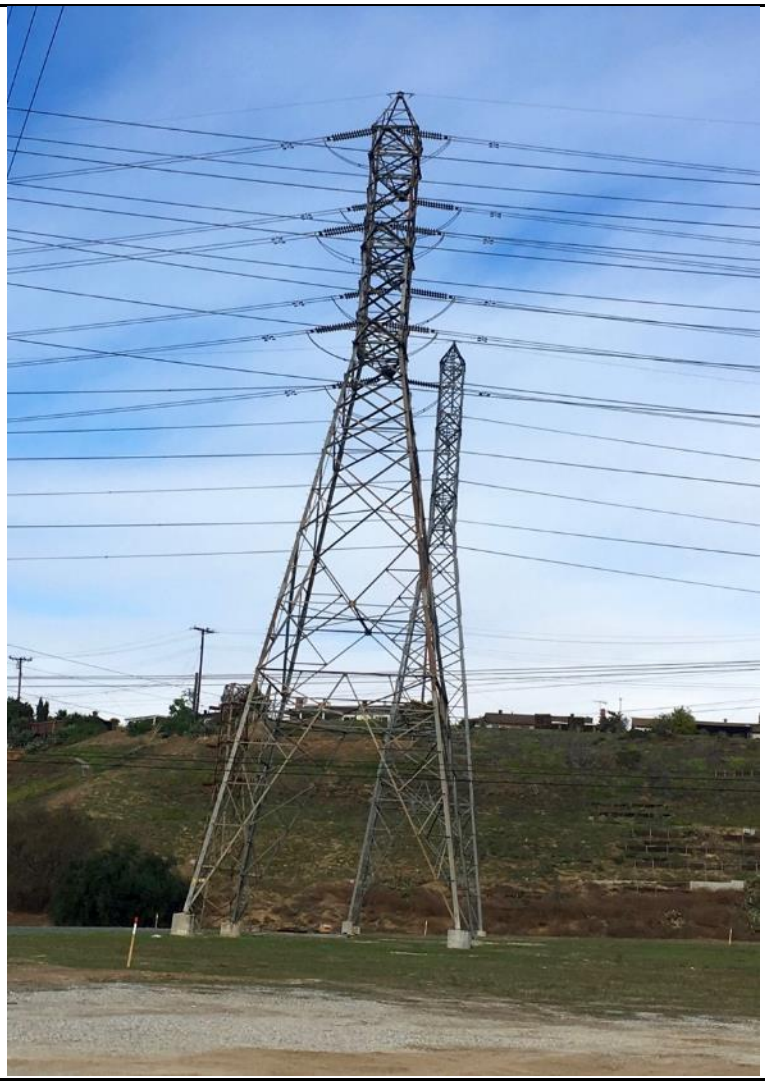
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation		Photo 8 – Retention basin. Photo facing northwest.
1/25/18	Mesa Substation		Photo 9 – Trenching for drainage pipe connecting to the existing culvert. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation		Photo 10 – Perimeter retaining wall foundation running along the southern border of the Mesa Substation site. Photo facing west.
1/25/18	Mesa Substation		Photo 11 – Earthwork. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation – Market Place		Photo 12 – Headwalls were formed and poured. Photo facing northeast.
1/25/18	Mesa Substation		Photo 13 – Rinsing the ESA habitat. Photo facing southwest.
1/25/18	Mesa Substation		Photo 14 – Earthwork being conducted by one bulldozer near Greenwood Avenue. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation		Photo 15 – Earthwork within the transmission corridor and near the water line tie-in, north of Potrero Grande Drive. Photo facing west.
1/25/18	Mesa Substation		Photo 16 – Pouring lattice steel tower foundations. Photo facing east.
1/25/18	Mesa Substation		Photo 17 – Backfilling the water line near the exit hole north of Potrero Grande Drive. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Mesa Substation – North of Potrero Grande Drive		Photo 18 – Water line coming out of the exit hole.
1/25/18	Mesa Substation		Photo 19 – Some vegetation removal was completed along Potrero Grande Drive.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
1/25/18	Kiewit Yard		Photo 20 – Red-tailed hawks are building a nest in this tower.