

April 8, 2020

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

Re: Monthly Report Summary #28 for the South Orange County Reliability Enhancement (SOCRE) Project

Dear Mr. Barnsdale:

This report provides a summary of the compliance monitoring activities that occurred during the period from **February 1 to 29, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between February 1 and 29, 2020, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and its contractors were in compliance with the Final Environmental Impact Report (Final EIR) for the SOCRE Project, as adopted by the California Public Utilities Commission (CPUC) on December 15, 2016.

The CPUC has issued the following Notices to Proceed (NTPs) for the SOCRE Project to SDG&E:

- NTP-1 (October 13, 2017): Geotechnical investigation and hazardous materials abatement at the future San Juan Capistrano Substation.
- NTP-2 (December 18, 2017): Conduct site preparation activities and construction staging at the future San Juan Capistrano Substation.
- NTP-2 Addendum 1 (March 23, 2018): Modified alignment of the interior fence separating the upper and lower yards, removal of three de-energized 138-kilovolt (kV) rack structures and associated hazardous materials abatement activities.
- NTP-3 (April 27, 2018): Rebuild and upgrade of the San Juan Capistrano Substation.
- NTP-4 (October 29, 2018): Transmission and distribution line work.
- NTP-5 (July 26, 2019): Installation of the 138-kV and 230-kV eastern getaways and removal and installation of 12-kV distribution lines.
- NTP-6 (October 30, 2019): Removal and replacement of the existing 138-kV transmission line with a new double-circuit 230-kV transmission line from Rancho Viejo Road southeast to pole #41.

The Ecology and Environment, Inc., member of WSP (hereafter referred to as E & E) compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/E & E compliance monitoring team visited the San Juan Capistrano Substation site and other project construction areas on February 5, 13, 20, and 27, 2020. E & E site inspection reports that summarize observed construction activities and compliance events, as applicable, and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Project activities in February 2020 were covered under NTP-3, NTP-4, NTP-5, and NTP-6. Construction activities during February 2020 took place within and in the vicinity of the San Juan Capistrano

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Substation site, as well other locations in the project area, and included continuation of substation site preparation activities; conducting inspections and surveys; trenching, installation, and backfill for the 138-kV gas-insulated substation (GIS) underground conduit; installation and backfill for underground security ducts; concrete repairs at the former utility structure; construction of masonry screen wall; brow ditch construction; construction of the 12-kV transformer containment basin; construction of the 138-kV GIS building control shelter; Phase I grounding work; trenching for the 138-kV underground lines; installation and backfill of conduit for underground 138-kV lines; trenching, installation, backfill, and paving for the 12-kV underground line at Rancho Viejo; clearing of vegetation for transmission lines; removing wire at locations 11 through 16; replacement of concrete sidewalks and gutters at Rancho Viejo; installation of 12-kV cable poles in Serra Park; preparation of the staging area at Avenida La Pata; and bypass outage work at locations 36 through 39 at Puerta Del Sol. In addition, SDG&E conducted routine inspection and maintenance activities between February 1 and 29, 2020. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as Storm Water Pollution Prevention Plan (SWPPP) inspections at all construction activity areas to ensure there were no best management practice (BMP) deficiencies or potential non-compliance incidents. No deficiencies in SWPPP BMPs were observed or documented during February 2020.

Project compliance during the February 2020 monitoring period was achieved through regular communication with and reporting by SDG&E. Communication between the CPUC/E & E compliance team and SDG&E has been regular and effective. SDG&E's monthly environmental compliance report for February 2020 provides a compliance summary and includes a description of construction activities, a look-ahead construction schedule, a monthly biological monitoring report, a summary of compliance with project commitments (MMs/APMs), a summary of non-compliance incidents and public complaints (as applicable), a record of SOCRE Project personnel that received safety and environmental awareness training during the reporting month, and a list of upcoming or pending Minor Project Refinements (MPRs) and outstanding agency deliverables.

Overall, the SOCRE Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) based on adherence to applicable MMs and APMs and satisfaction of pre-construction requirements and conditions of approval for NTP-1, NTP-2, NTP-2 Addendum 1, NTP-3, NTP-4, NTP-5, NTP-6, MPR-1, MPR-1 Addendum 1, MPR-3, and MPR-4.

Compliance Incidents

No compliance incidents were reported during February 2020.

Public Concerns

No public complaints were received during February 2020.

Minor Approvals

No minor approvals occurred in February 2020.

Sincerely,



Joseph Donaldson
CPUC Compliance Manager, Ecology and Environment, Inc.

cc: Richard Quasarano, Environmental Project Manager, SDG&E

ATTACHMENT 1

CPUC Site Inspection Reports
February 5, 13, 20 and 27, 2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	February 5, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS067
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Mostly sunny, mild temperatures with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End time:	1200 to 1430
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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 (Best Management Practices [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 Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour on unpaved roads?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite 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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived onsite at the San Juan Capistrano Substation at 1200 and met with the Lead Environmental Inspector (LEI).

Construction was taking place within and along Camino Capistrano with conduit tie-ins being installed near the vaults (Photo 1), and a crew was observed cutting the pavement in preparation for additional trenching within the roadway (Photo 2).

Within the substation area the drainpipe work appeared to be completed around the northern boundary wall and has been backfilled (Photo 3). Work will begin soon on the "brow" ditch that runs along the outside of the wall.

A crew completed pouring concrete along the switch rack area (Photo 4). The portable generator used in the concrete pour work was well contained with a drip pan (Photo 5).

Conduit installation was ongoing along the southern portion of the site for the main power lines (Photo 6) and the electrical lighting conduit from the 138-kV gas-insulated substation (GIS) building (Photos 7 and 8). Due to trenching work in the area, the rainwater runoff piping that captures water from the 12-kV substation facility and the graveled construction trailer area has been rerouted directly into the new drainage system (Photo 9). Rerouting the piping will prevent the need to reinstall the pipe through the work area for future storms.

Work continued inside the 138-kV GIS building (Photo 10).

Excess soil continues to be stockpiled at the same location on the substation site (Photo 11).

The LEI and I drove to tower location #9 to inspect the new tower location near a small drainage channel (Photo 12). The LEI was concerned with rainwater flow through this area, but I determined it should not be an issue. We continued along the transmission line and inspected the new staging area on the west side of Avenida La Pata on the Prima Deshecha Landfill (Photo 13). There, we spoke with the environmental coordinator working for the contractor regarding a lack of drip pans under the parked equipment. This issue was addressed immediately.

We travelled to tower location #35, which was being cleared of vegetation in preparation for the new tower. A crew was clearing vegetation by hand with a Native American monitor and cultural resource monitor observing the work (Photo 14).

At several wooden tower locations along the transmission tower route, crews had installed round wheels called "travelers" and transferred existing wire onto the travelers.

MITIGATION MEASURES VERIFIED Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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 onsite, environmental observations of note)

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

REPRESENTATIVE SITE PHOTOGRAPHS


Date	Location	Photo	Description
02/05/20	San Juan Capistrano Substation		Photo 1 – Work along Camino Capistrano connecting the conduit into the vaults. Photo facing south.
02/05/20	San Juan Capistrano Substation		Photo 2 – Trenching work within Camino Capistrano. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
02/05/20	San Juan Capistrano Substation		Photo 3 – Drainpipe installation has been completed and the area backfilled. Photo facing north.
02/05/20	San Juan Capistrano Substation		Photo 4 – Concrete pour around the switch rack area. Photo facing northwest.
02/05/20	San Juan Capistrano Substation		Photo 5 – Secondary containment under a gas generator.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/05/20	San Juan Capistrano Substation		Photo 6 – Conduit trenching along the southern side of the substation. Photo facing east.
02/05/20	San Juan Capistrano Substation		Photo 7 – Conduit work for electrical lighting at the southeastern corner of the 138-kV GIS building. Photo facing north.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/05/20	San Juan Capistrano Substation		Photo 8 – Electrical lighting conduit work.
02/05/20	San Juan Capistrano Substation		Photo 9 – Pipe carrying site drainage from the 12-kV substation facility area, now connected to the offsite drainpipe. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/05/20	San Juan Capistrano Substation	 A wide-angle photograph of the interior of a large, high-ceilinged industrial building. The floor is concrete and appears to be under construction or maintenance. In the center, a green tractor is parked. To the right, an orange lift truck is visible. Various pieces of equipment, including pipes and structural beams, are scattered throughout the space. The lighting is bright, likely from overhead industrial lights.	Photo 10 – Inside the 138-kV GIS building.
02/05/20	San Juan Capistrano Substation	 An outdoor photograph showing a large, dark brown pile of soil or earth in the foreground. In the background, there is a white wall, a green truck, and a utility pole. The sky is blue with some clouds. The ground is dirt and gravel.	Photo 11 – Soil stockpile area at the substation. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/05/20	Tower Location #9		Photo 12 – Small drainage at new tower location #9.
02/05/20	New staging area on Prima Deshecha Landfill along Avenida La Pata		Photo 13 – New staging area for the transmission line work. Photo facing south.
02/05/20	Transmission line route, tower location #35		Photo 14 – Vegetation clearing at tower location #35. Photo facing west.

Completed by:	CPUC/E & E CM
Date:	02/10/2020

Reviewed by:	Manager
Date:	02/11/2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	February 13, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS068
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0645 to 1230
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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 (Best Management Practices [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 Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour on unpaved roads?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite 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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived at the substation at 0645 and attended the substation tailboard meeting (Photo 1). There are now morning tailboards for the substation work, street work, and transmission line work. After the tailboard meeting, I walked with an Environmental Inspector (EI) as the crews were clearing the trenches before work began. One deep, open trench is the conduit trench along the southern side of the project site (Photo 2). No animals were found during the excavations.

Backfilling continued around the switch rack area and the transformer foundations. Some additional concrete foundations have been poured along the transformer catch basins (Photo 3). Grounding wire was being installed along the northern side of the substation (Photo 4), in addition to the conduit installation of project lighting running up to the northern wall (Photo 5). A conduit trench was "slurried" along the southern boundary wall (Photo 6).

Work continued the inside of the 138-kV gas-insulated substation (GIS) building (Photo 7).

Trenching was being completed within Camino Capistrano; however, I left the site before additional work began (Photo 8). As per project conditions, work in the public roadway does not begin until late morning, after the morning traffic rush. A paleontology and cultural resource monitor were both onsite.

I met with the Lead Environmental Inspector (LEI) and we inspected the transmission line work together. The first location for inspection was tower location #37, which had been cleared of vegetation within the construction boundary limits (Photo 9). There were some haphazardly placed BMPs at this location that would not be effective during a rain event. The LEI and I discussed upgrades needed to prevent erosion in the event of a storm. Facing west, I observed tower location #36, where vegetation had been cleared around the new tower site (Photo 10). We did not drive to tower location #36.

We proceeded to tower site #39, which had been cleared of vegetation and had wire-reinforced silt fencing installed along the lower portion of the workspace (Photo 11). This location is close to a jurisdictional wetland that supports a stand of riparian vegetation. In this area, I observed several species of birds, including blue-grey gnatcatchers (*Poliioptila caerulea*), the more common species of gnatcatcher.

Our next stop was tower location #29 where a pair of red-tailed hawks (*Buteo jamaicensis*) (RTH) had begun nesting in the adjacent Southern California Edison (SCE) towers. The pair of hawks was observed sitting in one of the towers. After the nest buffer reduction was approved, a crew installed the "travelers" on the wooden poles (Photo 12). An avian biologist observed the work and stated that they did not seem disturbed by the work and continued to build the nest while the work was being completed.

At tower location #34, another pair of RTH was setting nesting in the adjacent SCE towers. One of the birds was observed in a tower. The LEI said they were declaring it an active nest and will be preparing a report for a nest buffer reduction request. Crews have already cleared the vegetation and installed wire-reinforced silt fencing but have yet to install the travelers on the wooden poles. Since the nest has now been declared active, work will be paused until a nest buffer reduction is approved (Photo 13).

At tower location #33, vegetation has been cleared, BMPs installed, and travelers installed on the wooden poles (Photo 14). An old stick nest exists in the nearby SCE towers, but, so far, no nesting activity has been observed. Tower location #32 is similar to #33; no raptor nesting activity has been observed, the workspace has been cleared, BMPs have been installed, and the travelers have been installed on the wooden poles (Photo 15).

We stopped at tower location #22 on our way into tower location #21. At tower location #22, no nesting issues and the site was observed to be flat with no need for vegetation clearing or BMPs (Photo 16). A pair of RTH has since been observed nesting in the SCE towers near tower location #21 and a reduced nest buffer has been approved. The LEI has had signage installed to indicate the area's sensitivities (Photo 17). Vegetation removal is underway outside of the nest buffer (Photo 18).

The last stop of the day was near tower locations #18 and #19, where a crew was cutting and removing vegetation (Photo 19).

MITIGATION MEASURES VERIFIED Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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)

A pair of Nuttall's woodpeckers (*Picoides nuttallii*) exhibiting pair bonding behavior was observed in the eucalyptus trees immediately south of the substation.

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	San Juan Capistrano Substation		Photo 1 – 0700 tailboard meeting.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	San Juan Capistrano Substation		Photo 2 – Conduit trenching along the southern side of the substation site. Photo facing west.
02/13/20	San Juan Capistrano Substation		Photo 3 – Foundation work around the transformer locations. Photo facing south.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	San Juan Capistrano Substation		Photo 4 – Copper grounding work along the northern edge of the substation site. Photo facing west.
02/13/20	San Juan Capistrano Substation		Photo 5 – Electrical lighting conduit work. Photo facing north.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	San Juan Capistrano Substation		Photo 6 – Conduit work for electrical lighting. Photo facing south.
02/13/20	San Juan Capistrano Substation		Photo 7 – Inside the 138-kV GIS building.
02/13/20	San Juan Capistrano Substation		Photo 8 – Trenching work within and along Camino Capistrano. Photo facing south.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	Transmission line route, tower location #37		Photo 9 – Cleared area at tower location #37. Photo facing northwest.
02/13/20	Transmission line route, tower locations #36 and #37		Photo 10 – Looking west from tower location #37 toward tower location #36. Photo facing west.
02/13/20	Transmission line route, tower location #39		Photo 11 – Cleared area and BMPs installed at tower location #39. Photo facing west.


REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	Transmission line route, tower location #29		Photo 12 – New tower location #29; note the raptor nest in the adjacent SCE tower. Photo facing north.
02/13/20	Transmission line route, tower location #34		Photo 13 – Tower location #34. Photo facing southwest.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	Transmission line route, tower location #33		Photo 14 – Tower location #33. Photo facing north.
02/13/20	Transmission line route, tower location #32		Photo 15 – Tower location #32. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	Transmission line route, tower location #22	 A photograph showing a transmission line tower and power lines in a field. The ground is a mix of dirt and sparse vegetation. The sky is blue with some light clouds.	Photo 16 – Tower location #22. Photo facing northwest.
02/13/20	Transmission line route, near tower location #21	 A photograph showing a dirt road leading to a transmission line tower. In the foreground, there is a sign on a wooden post that reads "ESA (Environmentally Sensitive Area) NO ACCESS PERMITTED". The area is overgrown with tall grass and brush. The sky is blue.	Photo 17 – Access road into tower location #21. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/13/20	Transmission line route, tower location #21		Photo 18 – Vegetation removal at location #21. Photo facing north.
02/13/20	Transmission line route, tower locations #18 and #19		Photo 19 – Vegetation removal at tower locations #18 and #19. Photo facing north.

Completed by:	CPUC/E & E CM
Date:	02/25/2020

Reviewed by:	Manager
Date:	02/26/2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	February 20, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS069
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0715 to 1045
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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 (Best Management Practices [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 Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour on unpaved roads?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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)

San Juan Capistrano Substation and locations along the transmission line route.

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

I arrived onsite at the San Juan Capistrano Substation at 0715. Work activity had been occurring within Camino Capistrano with conduit trenches coming into the vaults by the edge of the roadway (Photo 1). No active work was observed in the roadway as per project conditions, which designate a later starting time.

Inside the northwestern project entrance, an excavator was working on grading the earthen slope in preparation for additional slope stabilization work (Photo 2).

Shallow trench work was being completed around the switch rack foundations for the grounding wires (Photo 3).

Concrete forms have been built along the east side of the transformer foundations and catch basins (Photo 4).

A water truck was conducting dust control within the substation. The water truck was being filled at the hydrant onsite. The Lead Environmental Inspector (LEI) said that reclaimed water was being used, but that efforts will occasionally require fresh water sources.

Work on the conduit installation continues along the southern portion of the substation, now extending under the drainpipe toward the western area of the site (Photo 5).

Installation of equipment continues within the 138-kV gas-insulated substation (GIS) building (Photo 6). Some of the trash bins outside the building were full of wooden packing material that will be recycled.

Electrical conduit was being installed at various locations along the boundary walls (Photos 7 and 8).

An excavator was loading trucks with excess soil for transport offsite (Photo 9).

The overhead cranes have yet to be installed in the 138-kV GIS building; they remain staged outside the building (Photo 10).

The LEI and I left the substation to inspect the transmission line work. According to the LEI, a vegetation clearing crew and a crew hanging "travelers" on some of the wooden poles were working along the line. Our first stop was at tower location #34, where a pair of red-tailed hawks (RTH) were beginning to nest in a nearby SCE lattice tower. One of the birds was seen perched in the SCE tower. Crews have already cleared the work area and installed the BMPs, but the need to install the travelers remained (Photo 11). The traveler installation will require one bucket truck for about 3 to 4 hours; the work will halt until a nest buffer reduction is approved.

At tower location #29, the active RTH nest was being monitored by two Environmental Inspectors (EIs); one is an approved avian biologist. A nest buffer reduction was approved at this site, allowing a crew to install the travelers. According to the avian biologist, the birds were observed bringing nesting material to the nest while work was ongoing (Photo 12).

At tower location #21, a clearing crew was working with an avian biologist EI overseeing the work (Photo 13). There is an active RTH nest here with an approved nest buffer reduction; the buffer is now 165 feet. The buffer limits have been staked and clearing work was occurring outside of the new buffer (Photo 14).

MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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)

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	San Juan Capistrano Substation		Photo 1 – Work along Camino Capistrano. Photo facing north.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	San Juan Capistrano Substation	 A yellow CAT excavator is positioned on a dirt slope next to a multi-tiered concrete retaining wall. The wall is under construction, with some sections already completed. In the background, there are trees and a utility pole with power lines. The sky is clear and blue.	Photo 2 – Slope preparation in the northern portion of the substation. Photo facing northwest.
02/20/20	San Juan Capistrano Substation	 A worker wearing a high-visibility safety vest and a hard hat is standing near several concrete foundations for switch racks. The ground is uneven and appears to be a construction site. In the background, there is a white building and a utility pole. The sky is clear and blue.	Photo 3 – Copper wire grounding work being completed around the switch racks. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	San Juan Capistrano Substation	 A photograph of a construction site at dusk. In the foreground, there are several large, rectangular concrete foundation forms supported by wooden framing. A yellow bucket and a red cooler are visible near the forms. In the background, there are concrete walls, trees, and a building.	Photo 4 – New foundation forms being built east of the transformer catch basins. Photo facing south.
02/20/20	San Juan Capistrano Substation	 A photograph of a construction site during the day. A deep trench has been dug, and several large pipes are being laid along its length. Workers in high-visibility vests and hard hats are visible around the trench. A yellow and black caution tape is strung across the trench. In the background, there are concrete walls and a building.	Photo 5 – Conduit trenching and installation along the southern edge of the substation. Photo facing east.



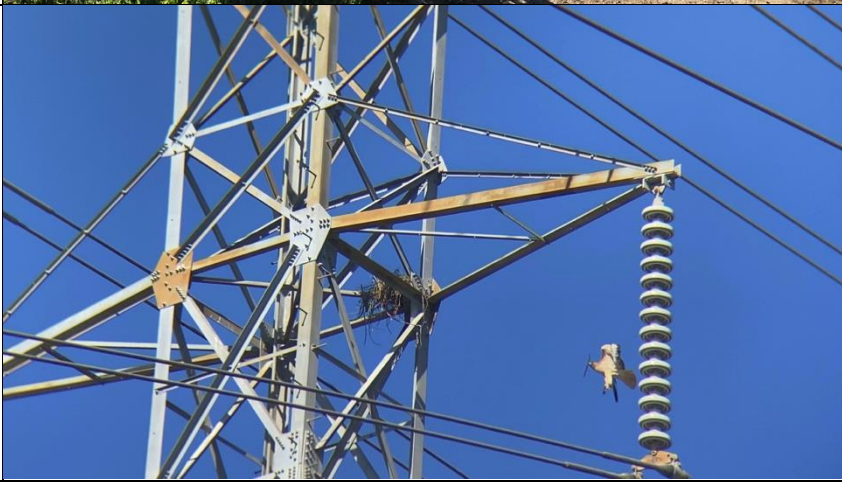
REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	San Juan Capistrano Substation		Photo 6 – Inside the 138-kV GIS building.
02/20/20	San Juan Capistrano Substation		Photo 7 – Electrical conduit installation upslope to the northern wall. Photo facing north.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	San Juan Capistrano Substation		Photo 8 - Electrical conduit installation to the boundary wall at the northeast corner of the site. Photo facing northeast.
02/20/20	San Juan Capistrano Substation		Photo 9 – Loading transfer trucks with excess soil from the project. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	San Juan Capistrano Substation		Photo 10 – Cranes to be installed within the 138-kV GIS building. Photo facing southwest.
02/20/20	Transmission line route, tower location #34		Photo 11 – Tower location #34. Photo facing south.
02/20/20	Transmission line route, tower location #29		Photo 12 – Nesting RTH in the SCE tower near tower location #29. Photo provided by the avian biologist.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/20/20	Transmission line route, tower location #21		Photo 13 – Vegetation clearing at tower location #21. Photo facing north.
02/20/20	Transmission line route, tower location #21		Photo 14 – Vegetation clearing outside of the nest buffer. Photo facing north.

Completed by:	CPUC/E & E CM
Date:	03/02/2020

Reviewed by:	Manager
Date:	03/02/2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	February 27, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS070
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0700 to 1130
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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 (Best Management Practices [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 Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour on unpaved roads?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite 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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived at the new staging area along Avenida La Pata on the Prima Deshecha Landfill at 0700 to attend the transmission line tailboard meeting. I introduced myself and described my role, my authority, and a little bit about my oversight philosophy. The tower drilling subcontractor was onsite and attended the tailboard. I have worked with this crew on other projects and they are familiar with the project conditions. The Lead Environmental Inspector (LEI) was at the tailboard and we discussed the nesting bird status.

The LEI and I drove to several tower locations where the environmental team and construction crews have been evaluating equipment access and the workspace around the pole sites. The LEI wanted input from me on reconfiguring a few workspaces to better fit the construction equipment.

Our first stop was at tower location #5, located just east of Interstate 5, within the golf course (Photo 1). The approved workspace has been staked and fenced. The LEI described a small, additional area they would like to use to allow easier access for their equipment. The area is adjacent to the workspace and access road and would require the removal of several old palm tree stumps.

Tower location #9 is located adjacent to San Juan Creek. The workspace has been staked and cleared, and a test bore was recently drilled to evaluate the substrate; tailings from the test bore remain onsite and covered in black plastic (Photo 2). Some BMP material was left onsite to be installed in case of a rain event (Photo 3). The test bore, which was 75 feet deep, revealed mostly sandy soil with ground water at about 18 feet. The foundation at this location will require a 75-foot-deep by 8-foot-diameter hole, which will require a large amount of drilling and concrete, use of water and drilling fluids, and removal of water and mud. Modifications that may require some additional vegetation clearing to the workspace were discussed, as well as the use of some additional areas for baker tanks and truck turnarounds. The minor project modification request will be submitted for review and approval.

We inspected tower location #10, located on the south side of San Juan Creek, approximately 75 feet from the creek bank. A test bore was drilled at this location with the tailings stockpiled under plastic. The drilling activity also hit ground water. The LEI and I discussed the possibility of utilizing additional areas for trucks and baker tanks. This location is within an operating horse stable with ample open space and minimal native vegetation (Photo 4). Utilization of extra workspace did not appear problematic.

At tower location #12, I observed a stringing crew setting up to pull wire (Photo 5). We discussed expanding the access road area leading to the tower location to mitigate the tight turns in the current configuration. The area impacted by this expansion was level and vegetated with annual grasses and weeds. Some of the site vegetation clearing was already completed (Photo 6).

Activity was ongoing within Camino Capistrano with conduit trench work occurring near the substation (Photo 7) and vault installation within the middle of the road (Photo 8).

Electrical conduit continues to be installed at various points along the boundary walls (Photo 9). Road base is being delivered and compacted along the project access road (Photo 10).

Concrete forms were in placed east of the transformer foundations and catch basins; concrete will be poured in the forms soon (Photo 11). The switch racks were delivered and placed on their foundations the day prior to my site visit (Photo 12).

The conduit installation along the south side of the site has stopped, the pipe is capped, and a climbing structure placed in the open hole (Photo 13).

Installation of equipment continues within the 138-kV gas-insulated substation (GIS) building (Photo 14). The overhead cranes have yet to be installed in the building (Photo 15).

Excess soil continues to be stockpiled onsite at the substation (Photo 16).

MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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)

COMPLIANCE SUMMARY
 Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.




- New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under “compliance suggestions or additional observations” (above) and include SDG&E report identification number.

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




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	Transmission line route, tower location #5		Photo 1 – Work area at tower location #5. Photo facing south.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	Transmission line route, tower location #9		Photo 2 – Tower location #9. A test bore was drilled with tailings covered by plastic. Photo facing northwest.
02/27/20	Transmission line route, tower location #9		Photo 3 – BMPs at tower location #9. Photo facing southwest.
02/27/20	Transmission line route, tower location #10		Photo 4 – Tower location #10, within an active horse stable facility. Photo facing northwest.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	Transmission line route, tower location #12		Photo 5 – Wire stringing crew at tower location #12. Photo facing south.
02/27/20	Transmission line route, tower location #12		Photo 6 – Vegetation clearing completed at tower location #12. Photo facing north.
02/27/20	San Juan Capistrano Substation		Photo 7 – Conduit trenching and installation along Camino Capistrano. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	San Juan Capistrano Substation	 A large concrete vault is under construction. A white crane with the number 86100 is positioned on a red truck. The vault is a deep, rectangular structure with concrete walls and a stepped interior. A wooden ladder is leaning against the side. The site is cordoned off with orange and white safety barriers. In the background, there are trees, utility poles, and a speed limit sign for 45.	Photo 8 - Conduit vault installation within Camino Capistrano. Photo facing south.
02/27/20	San Juan Capistrano Substation	 A lighting conduit is installed in a trench. The trench is filled with dirt and has a concrete curb on one side. A white conduit with multiple circular openings is visible. Safety cones and a sign are placed near the trench. The background shows a concrete wall and trees.	Photo 9 - Lighting conduit installed in the northwest corner of the substation. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	San Juan Capistrano Substation		Photo 10 – Road base was delivered and compacted. Photo facing east.
02/27/20	San Juan Capistrano Substation		Photo 11 – Foundation forms next to the transformer catch basin. Photo facing south.
02/27/20	San Juan Capistrano Substation		Photo 12 – Overview of the transformer foundations and the newly installed switch racks. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	San Juan Capistrano Substation		Photo 13 – Conduit trench along the southern portion of the substation site.
02/27/20	San Juan Capistrano Substation		Photo 14 – Inside the 138-kV GIS building.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
02/27/20	San Juan Capistrano Substation		Photo 15 – Cranes and other staged materials outside of the 138-kV GIS building. Photo facing north.
02/27/20	San Juan Capistrano Substation		Photo 16 – Excess soil stockpile area. Photo facing north.

Completed by:	CPUC/E & E CM
Date:	03/05/2020

Reviewed by:	Manager
Date:	03/05/2020