



December 23, 2020

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

Re: Monthly Report Summary #37 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 **November 1 to 30, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed three times between November 1 and 30, 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.
- NTP-6 Addendum 1 (September 29, 2020): Extension of the scope of NTP-6 to pole 42, located just north of the Talega Hub and outside of Marine Corps Base Camp Pendleton.

The WSP USA Inc. (WSP), formerly Ecology and Environment, Inc., compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/WSP compliance monitoring team visited the San Juan Capistrano Substation site and other project construction areas on November 5, 12, and 18, 2020. WSP

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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 November 2020 were covered under NTP-3 and NTP-6. Construction activities during November 2020 took place within and in the vicinity of the San Juan Capistrano Substation site, along the transmission line corridor, and in other locations in the project area, and included continuation of substation site preparation activities; installing and testing 138-kV and 12-kV equipment; grouting 138-kV vault lids; preparing for 138-kV vault installation at the south access road; drilling cable pole foundations; installing conduit and pulling cable; building retaining walls; testing 230-kV cable poles; drilling and placing foundations; constructing storm drain features; installing BMPs; minor grading; and pole removals. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between November 1 and 30, 2020. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as SWPPP inspections at all construction activity areas to ensure there were no BMP deficiencies or potential non-compliance incidents. No deficiencies in SWPPP BMPs were observed or documented during November 2020. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the November 2020 monitoring period was achieved through regular communication with and reporting by SDG&E. Communication between the CPUC/WSP compliance team and SDG&E has been regular and effective. SDG&E's monthly environmental compliance report for November 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, NTP-6 Addendum 1, MPR-1, MPR-1 Addendum 1, MPR-3, MPR-4, MPR-5, MPR-6, MPR-7, MPR-8, MPR-9, MPR-10, MPR-11, and MPR-12.

Compliance Incidents

No compliance incidences occurred during the November 2020 reporting period.

Public Concerns

One public complaint was received on November 8, 2020, involving connecting line work near tower location 11. The complaint, by a resident who lived near the project, did not pertain to noise or dust, but was due to work occurring over the weekend. SDG&E followed up with the resident and resolved the complaint to the resident's satisfaction.

Minor Approvals

Two Minor Approvals occurred in November 2020: MPR-11 and MPR-12.

MPR-11 was requested by SDG&E on October 23, 2020, and approved on November 24, 2020. MPR-11 authorizes the use of a new work area along Camino Capistrano and Calle Lorenzo for associated fuse cabinet installation and the replacement of existing 138-kV transmission standard pole Z225613 with a



Mr. Andrew Barnsdale
December 22, 2020

new steel pole of the same identification number. The area will also be used to reconfigure overhead conductors between existing pole P21482 and the new 12-kV distribution cable pole D1. The additional work area totals 6,213 square feet or 0.14 acres and is located within San Juan Capistrano northwest of the Capistrano Substation.

MPR-12 was requested on November 16, 2020 and approved on November 17, 2020. MPR-12 authorizes the use of a temporary work area adjacent to the access road south of tower location 30 in the City of San Clemente. The work area would be used to set up stringing equipment for wire pulling activities. The additional work area totals 1,200 square feet or 0.03 acres.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Donaldson'.

Joseph Donaldson
CPUC Compliance Manager, WSP

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

ATTACHMENT 1

CPUC Site Inspection Reports

November 5, 12, and 18, 2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 5, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS102
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP (formerly Ecology and Environment, Inc.) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy, mild, and calm
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0630 to 1130
Project NTP(s):	Notice to Proceed (NTP)-3 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

<p>AREAS MONITORED (i.e., structure numbers, yards, or substations)</p> <p>San Juan Capistrano Substation and areas along the transmission line route.</p>

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 Avenida La Pata staging area at 0630 and met with the Lead Environmental Inspector (LEI) and one of the Environmental Inspectors (EIs) to discuss the work activities for the day. The LEI was busy with other duties so the EI accompanied me on my site visit. The LEI was monitoring the weather since a small storm was predicted in the area. He noted that additional BMPs would be installed as needed.

Our first stop was at tower location 39 where the retaining wall had been completed and the additional workspaces cleaned (Photos 1 and 2). The KV Structures crew expected to begin drilling the tower foundation hole once the survey crews completed the inspection. The paleontology monitor was onsite with a biological monitor.

The drill rig was parked at tower location 40 and would be moved along the access road to tower location 39. Secondary containment was set up under the leaky drilling attachment, but no containment was present under the engine compartment (Photo 3). The EI said he would follow up on correcting the containment issue.

The EI and I drove to tower locations 41 and 42 where all the foundations were poured. The sites were in good condition with no trash or dust concerns (Photo 4).

Crews were working on the tubular steel poles (TSP) at tower locations 32 and 33 (Photo 5).

Work at tower locations 18 and 19 appeared to be completed and the area was closed off. Tower locations 16 and 17 were also closed, but some trash remained within the work site (Photo 6).

We drove the access road from tower locations 16 and 17 to tower location 13. I stopped at tower location 14 to inspect the work area (Photo 7). A pulling site had been graded along the access road north of tower location 15, and some pulling equipment was parked (Photo 8). At tower location 13, a crew was scheduled to begin working on the brow ditch above the new wall (Photo 9).

At tower location 8, the wire pulling equipment had been moved to the north side of the tower as they would be pulling wire to the south. Crews placed wooden mats in Arroyo Park to prevent damage to the grass and prevent mud from adhering to vehicle tires (Photo 10). The area of the park north of the tower remained wet and muddy (Photo 11). According to the onsite inspector, the crews had to use shovels and hammers to remove the mud from the truck tires.

At the substation, I met with the EI and we walked the site. Some soil work was being performed near the existing substation in preparation for new TSP foundation work (Photo 12).

A crew was working on the transformer fire walls (Photo 13).

Lastly, conduit trenching was being done east of the newly installed vault (Photo 14). I spoke to the EI about the type of climbing structure that would be added to this trench.

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)

Monitor mud track-out from the park at tower location 8.

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

Dust control should be performed several times each day to reduce dust.


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
11/05/20	SOCRE transmission corridor		Photo 1 – New retaining wall at tower location 39. Photo facing north.



REPRESENTATIVE SITE PHOTOGRAPHS



Date	Location	Photo	Description
11/05/20	SOCRE transmission corridor		Photo 2 – Survey team working on the new pad at tower location 39. Photo facing west.
11/05/20	SOCRE transmission corridor		Photo 3 – Drilling rig parked at tower location 40 without drip pans under the engine compartment.
11/05/20	SOCRE transmission corridor		Photo 4 – Tower location 42 where the foundation was poured. Photo facing east

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/05/20	SOCRE transmission corridor		Photo 5 – TSP work at tower location 32. Photo facing north.
11/05/20	SOCRE transmission corridor		Photo 6 – TSPs at tower locations 16 and 17. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/05/20	SOCRE transmission corridor		Photo 7 – Workspace at tower location 14. Photo facing southwest.
11/05/20	SOCRE transmission corridor		Photo 8 – A pulling site along the access road south of tower location 15. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/05/20	SOCRE transmission corridor		Photo 9 – Work continued at tower location 13, installing a brow ditch above the wall. Photo facing northwest.
11/05/20	SOCRE transmission corridor – Arroyo Park		Photo 10 – Pulling equipment setting up in Arroyo Park north of tower location 8 with wooden mats placed to prevent damage to the grass and prevent mud from adhering to vehicle tires. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/05/20	SOCRE transmission corridor – Arroyo Park		Photo 11 – Wet and muddy conditions around tower location 8 in Arroyo Park. Photo facing south.
11/05/20	San Juan Capistrano Substation		Photo 12 – Soil work being done in the northeast portion of the substation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/05/20	San Juan Capistrano Substation		Photo 13 – Fire wall installation between the transformers. Photo facing southwest.
11/05/20	San Juan Capistrano Substation		Photo 14 – Trenching work east of the new vault. Photo facing east.

Completed by:	CPUC/WSP Compliance Monitor
Date:	11/11/20

Reviewed by:	Manager
Date:	11/13/20



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 12, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS103
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP (formerly Ecology and Environment, Inc.) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy, cool, and calm
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0630 to 1130
Project NTP(s):	Notice to Proceed (NTP)-3 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

<p>AREAS MONITORED (i.e., structure numbers, yards, or substations)</p> <p>San Juan Capistrano Substation and areas along the transmission line route.</p>

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 Avenida La Pata staging area at 0630 and met with the Lead Environmental Inspector (LEI) and one of the Environmental Inspectors (EIs). We discussed the work activities for the day and the LEI said it had rained almost 0.75 inches over the previous weekend. The rainfall occurred over three days and did not cause erosion issues. Because of the wet conditions, work was limited so a small crew was present.

The EI and I drove to tower location 39 where the foundation for the tubular steel pole (TSP) was to be poured. The access road had dried out, so there were no track-out issues. The additional work area along the access road had been fenced off (Photo 1). The foundation hole had been drilled and the rebar cage installed; the hole was well covered with plastic (Photo 2). A concrete washout bin was in place for the pouring activity (Photo 3).

The drill rig was parked at tower location 40 with secondary containment properly set up beneath it (Photo 4).

At tower location 41, a small amount of rainwater erosion was observed on the slope below the tower pad, illustrating the potential for erosion in the area. The EI and I discussed possible upgrades to the BMPs.

We drove to tower locations 14 and 15 where the wire pulling crews were set up. The wire was being pulled from tower location 8 to tower location 15. A crew was in a manlift near tower location 14 (Photo 5) and near tower location 15. The pulling crew was set up south of tower location 15 with a traffic control crew watching for pedestrians (Photo 6).

At tower location 8, the wire pulling crew was set up in Arroyo Park, north of the tower (Photo 7). A manlift was set up at tower location 8 (Photo 8), but a hydraulic line was damaged before we arrived (Photo 9). The leaked hydraulic fluid appeared to be well contained and crews were cleaning it up with oil absorbent pads. The wire pulling operation was slowed due to this incident.

I drove to the San Juan Capistrano Substation and met with the EI present. Wire and cable continued to be staged on the east side of the 138-kilovolt (kV) gas-insulated substation (GIS) building, along with some excess soil (Photo 10).

Some tower foundation drilling had been done for the two TSPs to be installed near the 12-kV substation facility at the substation (Photo 11). The rebar cages were delivered and would be installed once work on the foundations was complete. The EI and I discussed how best to cover these holes to comply with project requirements.

The conduit installation continued near the south entrance; the EI said they were hoping to pour slurry soon (Photo 12).

The rocked sediment trap located at the southwest corner of the substation had been partially covered with soil from the vault and conduit work (Photo 13). As soon as the conduit work is completed, this area should be cleaned up and upgraded in preparation for the rainy season.

Finally, a crew continued to work on the transformer fire walls (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)

Monitor mud track-out from the park at tower location 8.

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

Preparations for the winter rainy season should be underway.

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
11/12/20	SOCRE transmission corridor		Photo 1 – Additional workspace at tower location 39 was fenced off. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/12/20	SOCRE transmission corridor		Photo 2 – The foundation hole at tower location 39 had been drilled and covered with plastic. Photo facing northwest.
11/12/20	SOCRE transmission corridor		Photo 3 – A concrete washout bin at tower location 39 was set up. Photo facing east.
11/12/20	SOCRE transmission corridor		Photo 4 – The drilling rig was parked at tower location 40. Photo facing northeast.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/12/20	SOCRE transmission corridor		Photo 5 – Wire pulling crew at tower location 14. Photo facing north.
11/12/20	SOCRE transmission corridor		Photo 6 – Wire pulling equipment set up north of tower location 15. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/12/20	SOCRE transmission corridor – Arroyo Park		Photo 7 – Wire pulling equipment set up in Arroyo Park, north of tower location 8. Photo facing northwest.
11/12/20	SOCRE transmission corridor – Arroyo Park		Photo 8 – A manlift set up near tower location 8 in muddy conditions. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/12/20	SOCRE transmission corridor – Arroyo Park		Photo 9 – The manlift at tower location 8 blew a hydraulic line; cleanup work was underway.
11/12/20	San Juan Capistrano Substation		Photo 10 – Rolls of cable staged near the 138-kV GIS building along with stockpiled soil. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/12/20	San Juan Capistrano Substation		Photo 11 – Tower foundation holes for the TSPs had been drilled near the 12-kV substation facility. Photo facing southeast.
11/12/20	San Juan Capistrano Substation		Photo 12 – Conduit installation into the new vault. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/12/20	San Juan Capistrano Substation		Photo 13 – A sediment trap had been partially covered with soil from the vault and conduit work. Photo facing southwest.
11/12/20	San Juan Capistrano Substation		Photo 14 – Work on infrastructure around the transformers. Photo facing southwest.

Completed by:	CPUC/WSP Compliance Monitor
Date:	11/23/20

Reviewed by:	Manager
Date:	11/23/20



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	November 18, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS104
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP (formerly Ecology and Environment, Inc.) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, warm with a slight breeze
CPUC CM (WSP):	Joe Donaldson	Start/End time:	1330 to 1630
Project NTP(s):	Notice to Proceed (NTP)-3 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 1330 and met with the Environmental Inspector (EI). According to the EI, crews would only be working on Monday and Tuesday of Thanksgiving week.

The two tower foundation holes near the 12-kV substation facility at the substation remained open and were cordoned off and covered (Photos 1 and 2). I asked why they were not covered with plastic and the EI said that SDG&E advised against installing plastic so close to an energized substation. Straw wattles had been placed around the forms sealing off all openings.

The conduit trench by the southwestern entryway had been partially backfilled with a colored slurry (Photo 3). A crew was cleaning the conduits by pulling a mandrill through them. The cleaning was essential prior to pulling cable through the conduit. Cable pulling was underway from outside of the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 4) and into the building via the internal crane system (Photo 5).

Work continued on the fire walls and other types of infrastructure around the transformers (Photo 6). BMPs had been added around the storm drain inlets (Photo 7).

I drove out along the transmission corridor and met with another EI at tower location 8 in Arroyo Park (Photo 8). All the equipment had been removed from this area except for a small backhoe, which was used for smoothing out the muddy areas. The EI for the construction crews was onsite and described his communications with the landscape crews that maintain Arroyo Park. They were hoping to fix the irrigation equipment and reseed the grassy areas as soon as possible. A drip pan was placed under the equipment, and we discussed removing the mud caked in the tire treads.

We headed to the Stallion Ridge area where the wire pulling operation was underway. A helicopter was working with the crews in the area (Photo 9). Wire was being pulled from tower locations 18 and 19 south to tower location 30 (Photo 10). Secondary containment was in place. Traffic control crews were stationed at all road crossings between the two pulling locations.

I stopped at tower location 39 to inspect the newly poured tower foundation (Photo 11). The work area was well contained with no trash present. The drill rig remained at tower location 40 with secondary containment under the leaky drilling attachment.

The EI and I discussed the area of minor erosion at tower location 41; he said additional BMPs were installed at the location.

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)

Preparations for the winter rainy season should be underway.

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
11/18/20	San Juan Capistrano Substation		Photo 1 – Drilled tower foundation holes near the 12-kV substation facility. Photo facing southeast.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/18/20	San Juan Capistrano Substation		Photo 2 – A second drilled tower foundation hole near the 12-kV substation facility. The foundation rebar cage is visible in the background. Photo facing west.
11/18/20	San Juan Capistrano Substation		Photo 3 – The conduit trench near the southern entrance to the substation had been partially filled with colored slurry. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS



Date	Location	Photo	Description
11/18/20	San Juan Capistrano Substation	 A yellow cable pulling machine, model UGP346, is the central focus. It features a large blue and white striped spool of cable. A crane arm is mounted on top, and a black tray sits on the ground in front. The machine is positioned on a paved area in front of a tan building with windows. A 'DANGER' sign and a 'MCE' logo are visible on the machine's body.	Photo 4 – Cable pulling into the 138-kV GIS building was underway. Photo facing northeast.


REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/18/20	San Juan Capistrano Substation		Photo 5 – Cable pulling inside the 138-kV GIS building.
11/18/20	San Juan Capistrano Substation		Photo 6 – Infrastructure work around the transformers. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
11/18/20	San Juan Capistrano Substation		Photo 7 – BMPs installed around a storm drain inlet.
11/18/20	SOCRE transmission corridor – Arroyo Park		Photo 8 – Final cleanup around tower location 8 within Arroyo Park. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/18/20	SOCRE transmission corridor		Photo 9 – The helicopter working with the pulling crew at tower locations 18 and 19. Photo facing south.
11/18/20	SOCRE transmission corridor		Photo 10 – Wire pulling equipment set up south of tower location 30. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/18/20	SOCRE transmission corridor		Photo 11 – Tower foundation at tower location 39. Photo facing northeast.

Completed by:	CPUC/WSP Compliance Monitor
Date:	11/28/20

Reviewed by:	Manager
Date:	11/28/20