

January 28, 2021

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

Re: Monthly Report Summary #38 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 **December 1 to 31, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between December 1 and 31, 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 December 2, 10, 17, and 21, 2020.

WSP USA 425 MARKET STREET 17<sup>TH</sup> FLOOR SAN FRANCISCO, CA 94105



WSP 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 December 2020 were covered under NTP-3, NTP-5, and NTP-6. Construction activities during December 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; installing and backfilling conduit; drilling cable pole foundations; pouring foundations; installing cable terminations; installing gas-insulated substation (GIS) doors; patching foundations; installing and maintaining Storm Water Pollution Prevention Plan (SWPPP) Best Management Practices (BMPs); installing wire; placing new pole structures; conducting minor grading; testing optical ground wire; removing a temporary pole and grading the pad at tower location 4; and energizing Phase 1. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between December 1 and 31, 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 December 2020. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the December 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 December 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, MPR-12, and MPR-13.

#### **Compliance Incidents**

No compliance incidences were reported during December 2020.

#### **Public Concerns**

SDG&E did not receive any complaints during the reporting period of December 2020.

#### **Minor Approvals**

One Minor Approval occurred in December 2020: MPR-13.

SDG&E requested MPR-13 on November 30, 2020, and received approved on December 3, 2020. MPR-13 authorizes the use of a temporary work area near the access roads southeast of tower location 42 in the city of San Clemente. The work area will be used to set up stringing equipment for wire pulling



activities and laydown between tower locations 36 and 42. The additional work area totals 3,325 square feet or 0.07 acres.

Sincerely,

Joseph Donaldson

CPUC Compliance Manager, WSP

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

### **ATTACHMENT** 1

**CPUC Site Inspection Reports** 

December 2, 10, 17 and 21, 2020



Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 2, 2020	
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS105	
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:	Clear, sunny, cool, and calm	
CPUC CM (WSP):	Joe Donaldson	Start/End time:	ime: 0700 to 1100	
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-5, and	d NTP-6		

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)?	Х		
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?	Х		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	Х		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	Х		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)?	Х		
Are work areas being effectively watered prior to excavation or grading?	Χ		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	Χ		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads?	Х		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	Χ		
Are observed vehicles/equipment turned off when not in use?	Х		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	Χ		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	Х		
Are excavations and trenches covered at the end of the day?	Х		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	Х		

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?	Х		
Are biological monitors present onsite?	Х		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	Х		
Have wildlife been relocated from work areas? If yes, describe below.		Х	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		Х	
Were any threatened or endangered species observed? If yes, describe below.		Х	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?	Х		
Have there been any work stoppages for biological resources? If yes, describe below.	Х		
Cultural and Paleontological Resources		No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			Х
Are archaeological and paleontological monitors onsite if needed?	Х		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			Х
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		Х	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	Х		
Are procedures in place to prevent spills and accidental releases?	Х		
Are required fire prevention and control measures in place?	Х		
Are contaminated soils properly managed for onsite storage or offsite disposal?	Χ		
Work Hours and Noise		No	N/A
Are required night lighting reduction measures in place?			Х
Is construction occurring within approved hours?	Х		
Are required noise control measures in place?			Х

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

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

I arrived onsite at the Avenida La Pata staging area at 0700 and met with the Environmental Inspector (EI). We discussed the work activities for the day and began our inspection along the transmission corridor.

Our first stop was at tower location 41 (Photo 1). The tubular steel pole (TSP) foundation had been installed and additional BMPs were in place along the edge of the tower pad.

We walked to tower location 42 where a large TSP foundation was in place (Photo 2). The wire crew was set up at this location to remove wire and the existing wooden poles between tower locations 36 and 42 (Photo 3).

We traveled to tower location 36 where a tailboard meeting was underway for the wire crew (Photo 4). I spoke to the foreman about him and his crew not wearing masks. The wire pulling trucks were set and ready to remove the existing wire (Photo 5). Some V ditch work remained to be completed (Photo 6), and additional BMPs were needed around the tower pad (Photo 7).

At tower location 30, a crew was working in the new tower (Photo 8). This crew was also not wearing masks. I called and talked with SDG&E's Project Manager about SDG&E's mask wearing policy.

The EI and I drove to Stallion Ridge and along the access road past tower location 15 and on to tower location 13. Work was being performed on the site drainage system around the tower pad (Photo 9). I pointed out that animals could potentially enter the drainage pipe via the box culverts. The EI indicated he would cover the entrances (Photo 10).

Some minor grading work was underway at tower location 12 (Photo 11). Water trucks were performing dust suppression along the access roads.

Grading was being performed at tower location 4 at the east end of Serra Park (Photo 12). A paleontology monitor was onsite and reported that nothing of significance had been found. The grading was almost completed and BMPs were installed.

At the San Juan Capistrano Substation, work continued around the transformers (Photo 13). A crew continued working on the conduit installation entering the new vaults near the southern entrance (Photo 14). No new work had been completed on the two TSP foundations located at the eastern end of the site near the 12-kilovolt (kV) substation facility (Photo 15).

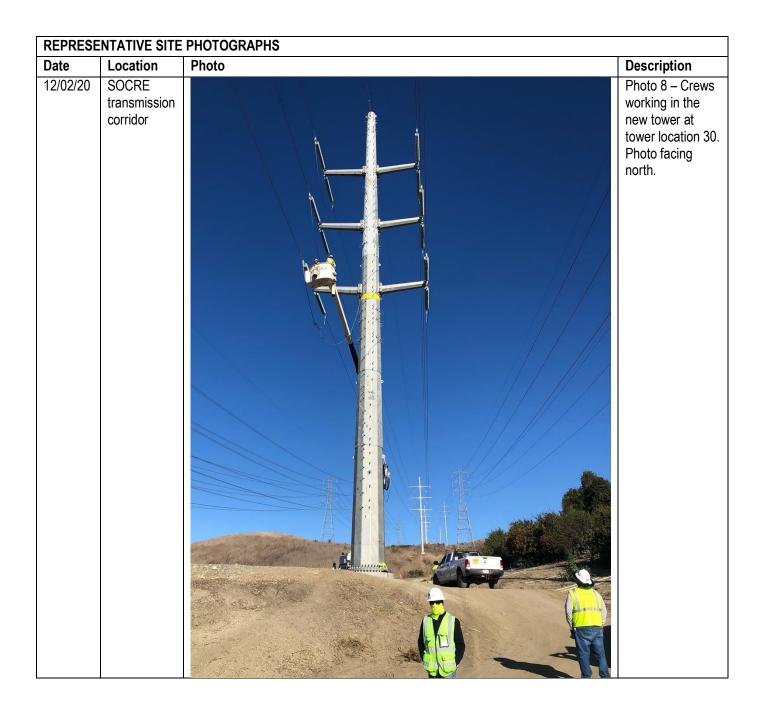
MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today) All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, 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 winter rains 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:

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/02/20	SOCRE transmission corridor		Photo 1 – Tower foundation at tower location 41 with additional BMPs in place around the edge of the tower pad. Photo facing west.

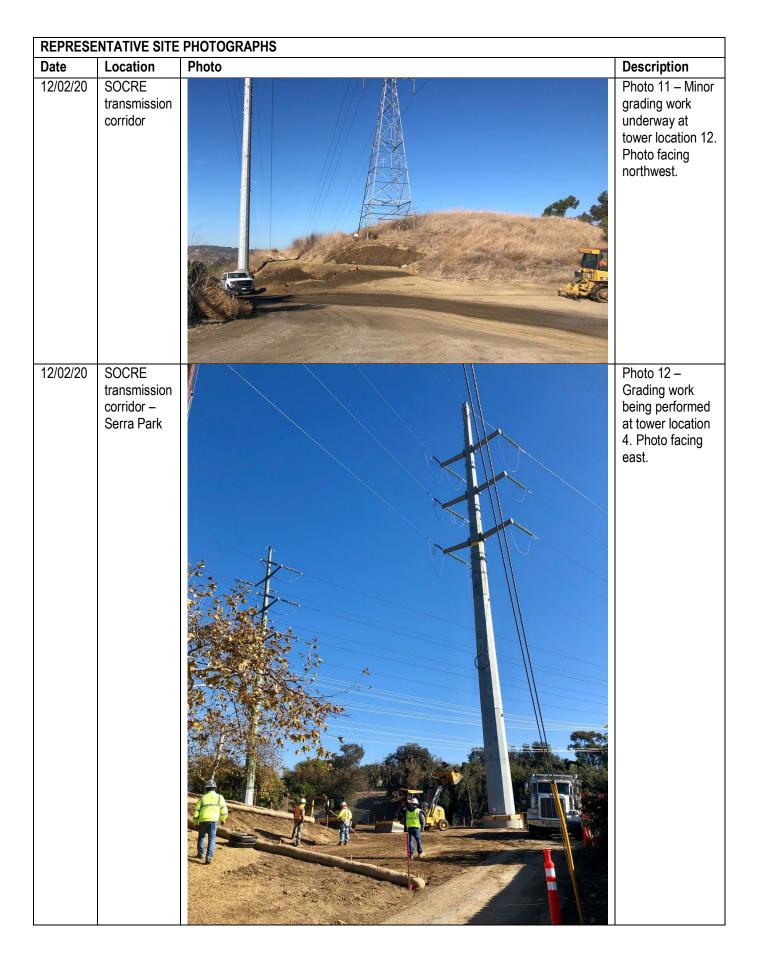
REPRESE	<b>INTATIVE SITE</b>	PHOTOGRAPHS	
Date	Location	Photo	Description
12/02/20	SOCRE transmission corridor		Photo 2 – Tower location 42 where the TSP foundation was poured. Photo facing east.
12/02/20	SOCRE transmission corridor		Photo 3 – Wire and poles to be removed at tower locations 36 and 42. Photo facing west.

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/02/20	SOCRE transmission corridor		Photo 4 – Morning tailboard meeting at tower location 36. Photo facing northwest.
12/02/20	SOCRE transmission corridor		Photo 5 – Wire pulling and removal equipment parked at tower location 36. Photo facing west.

Date	Location	PHOTOGRAPHS Photo	Description
12/02/20	SOCRE transmission corridor		Photo 6 – V ditch drainage work at tower location 36. Photo facing northeast.
12/02/20	SOCRE transmission corridor		Photo 7 – Erosion evident along the edge of the pad at tower location 36 required additional BMPs. Photo facing north.



REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/02/20	SOCRE transmission corridor		Photo 9 – Drainage work around the tower pad at tower location 13. Photo facing north.
12/02/20	SOCRE transmission corridor		Photo 10 – Drainage pipe that needs to be covered to prevent entry by wildlife.



REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/02/20	San Juan Capistrano Substation		Photo 13 – Installation of equipment continued around the transformers. Photo facing south.
12/02/20	San Juan Capistrano Substation		Photo 14 – Conduit installation continued near the southern entrance to the substation. Photo facing west.

Date	Location	Photo	Description
12/02/20	San Juan Capistrano Substation		Photo 15 – No new activity on the two foundation holes by the 12-kV substation facility Photo facing east.

Completed by:	CPUC/WSP Compliance Monitor
Date:	12/09/20

Reviewed by:	Manager
Date:	12/09/20



Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 10, 2020		
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	Report #:	VS106		
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 breezy		
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0630 to 1130		
Project NTP(s):	TP(s): Notice to Proceed (NTP)-3, NTP-5, and NTP-6				

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)?	Х		
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?	Х		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	Х		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	Х		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)?	Х		
Are work areas being effectively watered prior to excavation or grading?	Χ		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	Х		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads?	Χ		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	Χ		
Are observed vehicles/equipment turned off when not in use?	Х		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	Х		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	Х		
Are excavations and trenches covered at the end of the day?	Χ		

Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	Х		
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?	Х		
Are biological monitors present onsite?	Х		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	Х		
Have wildlife been relocated from work areas? If yes, describe below.		Х	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		Х	
Were any threatened or endangered species observed? If yes, describe below.		Х	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?	Х		
Have there been any work stoppages for biological resources? If yes, describe below.	Х		
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			Х
Are archaeological and paleontological monitors onsite if needed?	Х		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			Х
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		Х	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	Х		
Are procedures in place to prevent spills and accidental releases?	Х		
Are required fire prevention and control measures in place?	Х		
Are contaminated soils properly managed for onsite storage or offsite disposal?	Х		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			Х
Is construction occurring within approved hours?	Х		
Are required noise control measures in place?			Х

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

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

I arrived onsite at the Avenida La Pata staging area at 0630 and met with one of the Environmental Inspectors (EI). We discussed the work activities for the day; I observed the EI for the construction team cleaning up spillage in the staging area.

We drove to the south end of the transmission line where crews had removed the existing wire, removed most of the wooden poles, and erected the tubular steel poles (TSP) from tower locations 36 to 42.

Our first stop was at tower location 41 where the TSP was installed and the wooden poles were removed (Photo 1). A portion of the wooden poles remained in the ground, but would soon be removed.

The TSP at tower location 42 had been installed (Photo 2). A crew arrived to clear the area around the pulling location south of tower location 42. An EI had cleared the area prior to the crew beginning work, and a paleontology monitor was onsite to observe the mowing and grading work. The onsite EI said monitoring was being conducted regularly and no wildlife had been observed. The crew sprayed down the area for fire prevention and dust control prior to any mowing or grading (Photo 3).

We drove by tower location 38 where the TSP was in place and the wooden poles had yet to be removed (Photo 4).

At tower location 39, a crane was onsite to install the last segment of the TSP (Photo 5). Crews were preparing equipment to be attached to the segment before it was installed (Photo 6). Some of the tower pad drainage ditches had not yet been installed (Photo 7). As we left the area, we observed the last segment of the TSP being offloaded from a truck (Photo 8).

The EI and I drove on Stallion Ridge to tower locations 16 and 17 where a wire stringing crew was setting up (Photo 9). One of the pulling trucks was parked in the access road and rope was laid out over the vegetated slope to tower location 15 (Photo 10).

We drove to tower location 13. No one was onsite, but crews had completed work on the tower pad drainage system (Photo 11). A board was placed over one of the two new drainage pipes, but it was only partially covering the hole. The El said they would follow up with the contractor to seal the holes.

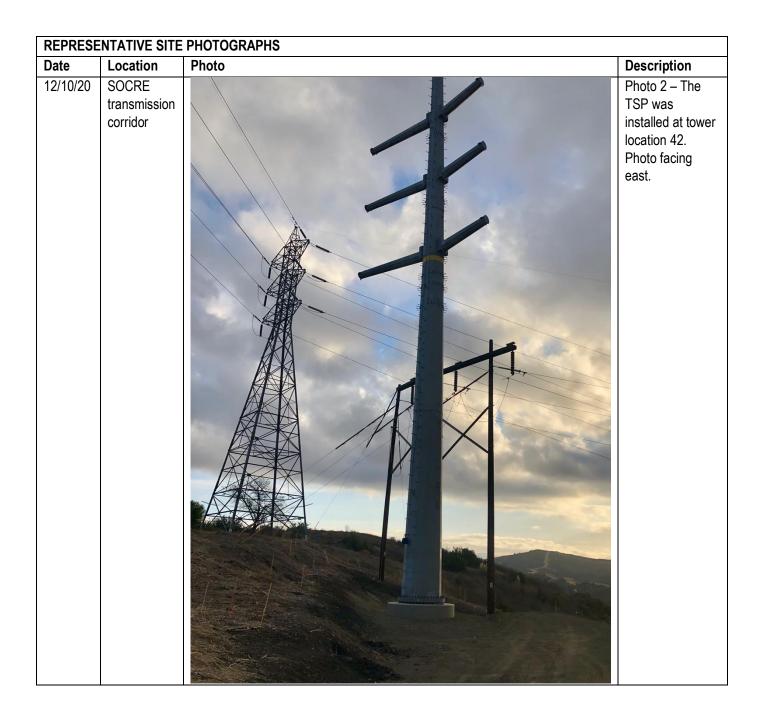
I drove to the San Juan Capistrano Substation and met with the EI assigned there. Rebar cages were set up in the two TSP foundation holes near the 12- kilovolt (kV) substation facility (Photo 12). Trenching work was underway for conduit to run through the foundation and into the TSP (Photo 13). The foundations were expected to be poured in the following days. The holes would be covered overnight until then. The EI and I discussed ways to cover the holes to prevent animals from falling in.

Work continued on the vaults and conduit by the southern entrance (Photo 14), and crews continued to erect the infrastructure around the transformers (Photo 15).

The grading had been completed in Serra Park; however, one or two irrigation lines were damaged with water running down the access way to the public roadway (Photo 16). Mud and sediment were being collected from the graded area and washed onto the access road. I suggested the sediment be cleaned before another leak or rain event occurred that would wash it onto the public roadway. Later in the day, the Lead Environmental Inspector (LEI) sent me a photo of the cleanup effort.

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 winter rains 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:

REPRESE	REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description	
12/10/20	SOCRE transmission corridor		Photo 1 – The new TSP was installed at tower location 41. The existing wooden poles had been partially removed. Photo facing west.	



Date	Location	Photo	Description
12/10/20	SOCRE transmission corridor		Photo 3 – Crews watering down the pulling site below tower location 42 prior to mowing and grading. Photo facing west.
12/10/20	SOCRE		Photo 4 – The
	transmission corridor		new TSP at tower location 38.
	Some		Photo facing south.
			South.

		PHOTOGRAPHS Photo	Description
Date 12/10/20	SOCRE transmission corridor	Photo	Photo 5 – A crane was in place to install the top segment of the TSP at tower location 39. Photo facing east.
12/10/20	SOCRE transmission corridor		Photo 6 – Equipment to be installed onto the top segment of the TSP staged at tower location 39. Photo facing north.

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/10/20	SOCRE transmission corridor		Photo 7 – Tower pad drainage work had yet to be completed at tower location 39. Photo facing north.
12/10/20	SOCRE transmission corridor		Photo 8 – Crews offloading the final segment of the TSP for tower location 39. Photo facing west.

Date	Location	Photo	Description
12/10/20	SOCRE transmission corridor		Photo 9 – Pulling crews and equipment setting up at tower locations 16 and 17. Photo facing northeast.

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/10/20	SOCRE transmission corridor		Photo 10 – A pulling truck parked in the access road with ropes running up the slope to tower location 15. Photo facing northwest.
12/10/20	SOCRE transmission corridor		Photo 11 – Tower pad drainage work at tower location 13. Photo facing northwest.

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/10/20	San Juan Capistrano Substation		Photo 12 – Foundation work and rebar installation continued on the TSPs located near the 12-kV substation facility. Photo facing south.
12/10/20	San Juan Capistrano Substation		Photo 13 – Trenching work on the TSP foundation near the 12-kV substation facility. Photo facing south.

Date	Location	Photo Photo	Description
12/10/20	San Juan Capistrano Substation		Photo 14 – Vault work and conduit installation continued near the southern entrance to the substation. Photo facing west.
12/10/20	San Juan Capistrano Substation		Photo 15 – Installation of equipment around the transformers continued. Photo facing north.

Date	Location	Photo	Description
12/10/20	SOCRE transmission corridor – Serra Park	YS AGENT OF THE PROPERTY OF TH	Photo 16 - Grading work around tower location 4 where irrigation lines were damaged and caused water to run into the roadway. Photo facing west.

Completed by:	CPUC/WSP Compliance Monitor
Date:	12/15/20

Reviewed by:	Manager
Date:	12/20/20



Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 17, 2020
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	Report #:	VS107
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:	Overcast, cool, and breezy
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0630 to 1030
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-5, and	d NTP-6	

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)?	Х		
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?	Х		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	Х		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	Х		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)?	Х		
Are work areas being effectively watered prior to excavation or grading?	Х		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	Χ		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads?	Χ		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	Χ		
Are observed vehicles/equipment turned off when not in use?	Χ		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	Х		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	Х		
Are excavations and trenches covered at the end of the day?	Χ		

Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	Х		
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?	Х		
Are biological monitors present onsite?	Х		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	Х		
Have wildlife been relocated from work areas? If yes, describe below.		Х	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		Х	
Were any threatened or endangered species observed? If yes, describe below.		Х	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?	Х		
Have there been any work stoppages for biological resources? If yes, describe below.	Х		
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			Х
Are archaeological and paleontological monitors onsite if needed?	Х		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			Х
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		Х	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	Х		
Are procedures in place to prevent spills and accidental releases?	Х		
Are required fire prevention and control measures in place?	Х		
Are contaminated soils properly managed for onsite storage or offsite disposal?	Х		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			Х
Is construction occurring within approved hours?	Х		
Are required noise control measures in place?			Х

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

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

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 (EI). We discussed the work activities for the day while the EI provided the SEAP training to several new staff. I headed into the project area with the EI, who informed me that the transmission corridor work would pause for the holidays from December 23, 2020, to January 4, 2021. The crews at the substation would only be taking off December 24, 25, 31, 2020; and January 1, 2021.

We drove to tower location 42 where a crew was setting up to place jumpers on the arms of the new tower (Photo 1). Cable had been laid out from the new tubular steel pole (TSP) to the pulling station (Photo 2). The pulling station had been mowed and graded since my last site visit and, according to the EI, the wire had been pulled.

We stopped at tower location 36 where another crew was building jumpers (Photo 3). Some of the existing wooden poles remained in the ground and some of the cut pieces remained onsite (Photo 4). There was minor erosion at this site from water running off the tower pad; the sediment was captured by the silt fence below the pad. I discussed the addition of some BMPs with the EI and he said a crew was doing BMP upgrades and hydroseeding throughout the transmission corridor. They would be replacing all of the plastic covered straw wattles with burlap covered ones, so they could be left to degrade in place. Instead of hauling off and throwing away the existing wattles I suggested that they cut and remove the plastic and spread the straw out onsite.

At tower location 5, the BMP crew was installing burlap-covered wattles and were getting ready to hydroseed the open ground (Photo 5). While I was onsite, the crew was measuring out the seed mix to add to the hydroseed machine (Photo 6). Little chance of rain was expected over the Christmas holiday; however a chance of showers was predicted for December 28, 2020.

At tower location 4, minor leakage from the irrigation piping was discovered, but BMPs were in place to contain the sediment onsite (Photo 7). A crew was working to install the drainage system around the tower pad, including the brow ditch and the energy dissipator (Photo 8). A street sweeper was working to clean the public roads below Serra Park and in front of the substation.

At Serra Park, I met with the EI assigned to the San Juan Capistrano Substation and we headed back to the substation. Concrete trucks were entering the substation to pour the two TSP foundations near the 12-kilovolt (kV) substation facility (Photo 9). Several bins had been placed near the work area for the concrete trucks to wash out their equipment (Photo 10). The conduit trench to the tower foundations would remain open until additional conduit was installed (Photo 11). The EI and I discussed the importance of sealing the trenches, especially over the two long holiday weekends.

Potholing was completed with a water jet and a vacuum truck. The muddy water was dumped into the soil stockpile area where it would be left to dry out (Photo 12).

Conduit installation continued by the southern entrance (Photo 13), with the excess soil stockpiled up the roadway from the work area (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) Preparations for winter rains should continue. 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 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:

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/17/20	SOCRE transmission corridor		Photo 1 – Work installing jumpers on the new tower at tower location 42. Photo facing east.

Date	Location	Photo	Description
12/17/20	SOCRE transmission corridor		Photo 2 – Wire remained on the ground between tower location 42 and the nearby pulling station. Photo facing northwest.
12/17/20	SOCRE transmission corridor		Photo 3 – Crews installing jumpers at tower location 36. Photo facing west.

		PHOTOGRAPHS	
Date	Location	Photo	Description
12/17/20	SOCRE transmission corridor		Photo 4 – Segments of the existing wooden poles remained near the new TSP at tower location 36. Photo facing east.
12/17/20	SOCRE transmission corridor		Photo 5 – At tower location 5, BMPs in place and the area was prepared for hydroseeding. Photo facing south.

		PHOTOGRAPHS	
Date	Location	Photo	Description
12/17/20	SOCRE transmission corridor		Photo 6 – Hydroseeding equipment onsite at tower location 5. Photo facing west.
12/17/20	SOCRE transmission corridor – Serra Park		Photo 7 – Grading work at tower location 4 with BMPs in place to contain sediment from irrigation leakage. Photo facing east.

Date	Location	PHOTOGRAPHS Photo	Description
12/17/20	SOCRE transmission corridor – Serra Park	Piloto Pi	Photo 8 – A crew was digging out the energy dissipater near tower location 4. Photo facing south.
12/17/20	San Juan Capistrano Substation		Photo 9 – Concrete trucks were onsite to pour the foundations for the TSPs near the 12-kV substation facility Photo facing west.
12/17/20	San Juan Capistrano Substation	WESTERN WASHOUTS.COM	Photo 10 – The concrete washout station. Photo facing northeast.

			Description
Date 12/17/20	Location San Juan Capistrano Substation	Photo  Photo	Photo 11 – Conduit trench to the tower foundation. Photo facing east.
12/17/20	San Juan Capistrano Substation		Photo 12 – Muddy water from the potholing was dumped into the soil stockpile area. Photo facing south.

Date	Location	Photo	Description
12/17/20	San Juan Capistrano Substation		Photo 13 – Vault work and conduit installation continued near the southern entrance to the substation. Photo facing west.
12/17/20	San Juan Capistrano Substation		Photo 14 – Excess soil stockpiled along the project access road. Photo facing east.

Completed by:	CPUC/WSP Compliance Monitor
Date:	12/24/20

Reviewed by:	Manager
Date:	12/24/20



Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 21, 2020	
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS108	
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 and warm with a slight breeze	
CPUC CM (WSP):	Joe Donaldson	Start/End time:	time: 1230 to 1430	
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-5, and NTP-6			

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)?	Х		
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?	Х		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	Х		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	Х		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)?	Х		
Are work areas being effectively watered prior to excavation or grading?	Х		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	Х		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads?	Х		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	Х		
Are observed vehicles/equipment turned off when not in use?	Х		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	Х		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	Х		
Are excavations and trenches covered at the end of the day?	Χ		

Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	Х		
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?	Х		
Are biological monitors present onsite?	Х		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	Х		
Have wildlife been relocated from work areas? If yes, describe below.		Х	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		Х	
Were any threatened or endangered species observed? If yes, describe below.		Х	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features?	Х		
Have there been any work stoppages for biological resources? If yes, describe below.	Х		
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			Х
Are archaeological and paleontological monitors onsite if needed?	Х		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			Х
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		Х	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	Х		
Are procedures in place to prevent spills and accidental releases?	Х		
Are required fire prevention and control measures in place?	Х		
Are contaminated soils properly managed for onsite storage or offsite disposal?	Х		
Work Hours and Noise		No	N/A
Are required night lighting reduction measures in place?			Х
Is construction occurring within approved hours?	Х		
Are required noise control measures in place?			Х

AREAS MONITORED (i.e., structure numbers, vards, or sub-	hstations	tions	c١
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San Juan Capistrano Substation and SOCRE transmission line work.

I arrived onsite at the San Juan Capistrano substation at 1230 for an afternoon site visit. Work along the transmission corridor would stop for several weeks over the holidays, so the focus of my site visit was to ensure proper BMPs were in place at work sites.

I met with the Environmental Inspector (EI) at the substation and we discussed the work activities for the day. The foundations for the tubular steel poles (TSP) near the 12-kilovolt (kV) substation facility had been poured. The conduit trenches next to the foundations remained open and had been sealed with plates and straw wattles (Photo 1).

A crew was pouring slurry into the conduit trench near Camino Capistrano and the southern entrance (Photo 2). I expressed my concern with this location being under construction and not sealed up, since rainwater runoff from the substation would be flowing through this location.

At tower location 4, a crew was excavating and preparing the trench for the brow ditch around the tower foundation (Photo 3). Issues with the irrigation pipes leaking remained, but adequate straw wattles were in place in case of another leak. The area would be hydroseeded in the coming weeks. I met with the transmission corridor EI and we continued the site inspection.

We stopped at tower location 36 where work on the brow ditch had not yet been completed. The minor erosion area required additional wattles (Photo 4). The El said the BMP crew was at tower location 34 and was working toward tower location 36.

At tower location 34, straw wattles had been placed and final groundwork was being completed before hydroseeding (Photos 5 and 6). The number of wattles and their locations appeared to be suitable; another El was onsite overseeing these activities.

We drove to Stallion Ridge, noting a crew working on towers 16 and 17 (Photo 7).

We drove along the access road to tower location 14. The final restoration of this tower pad had not yet been completed (Photo 8). BMPs, including additional wattles and hydroseeding, needed to be completed for the upcoming rainy season. I pointed out drainage points on the tower pad that could use extra wattles.

At tower location 13, work was underway to replace the decorative wooden fencing along the roadway (Photo 9). The postholes had been dug, but not backfilled or covered over; none of the crew members were onsite. The holes would need to be backfilled or covered if left overnight to prevent wildlife from falling in. The El said he would check with the construction crews to see if they were returning to the area to continue work.

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) Preparations for upcoming winter rains should continue. 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 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:

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/21/20	San Juan Capistrano Substation		Photo 1 – Conduit trench next to the tower foundation near the 12-kV substation facility had been plated and sealed. Photo facing east.

Date	Location	Photo	Description
12/21/20	San Juan Capistrano Substation		Photo 2 – A crew pouring slurry near the southern entrance to the substation. Photo facing west.
12/21/20	SOCRE transmission corridor – Serra Park		Photo 3 – Excavation work for the brow ditch around tower 4. Photo facing east.

REPRESE	NTATIVE SITE	PHOTOGRAPHS	
Date	Location	Photo	Description
12/21/20	SOCRE transmission corridor		Photo 4 – An erosion area at tower location 36 that required additional BMPs. Photo facing northwest.
12/21/20	SOCRE transmission corridor		Photo 5 – Completion of final groundwork at tower location 34 before hydroseeding. Photo facing south.
12/21/20	SOCRE transmission corridor		Photo 6 – Additional BMPs in place in preparation for hydroseeding at tower location 34. Photo facing northeast.

Date	Location	Photo	Description
12/21/20	SOCRE transmission corridor	FISO ELIGITA	Photo 7 – Tower work at tower locations 16 and 17. Photo facing east.
12/21/20	SOCRE transmission corridor		Photo 8 – The tower pad at tower location 14 where additional BMPs were needed. Photo facing south.

Date	Location	Photo	Description
12/21/20	San Juan Capistrano Substation		Photo 9 – Fence post replacemen at tower location 13. These holes should be sealed when no work is underway. Photo facing northwest.

Completed by:	CPUC/E & E Compliance Monitor
Date:	12/30/20

Reviewed by:	Manager
Date:	12/30/20