



September 29, 2021

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

Re: Monthly Report Summary #46 for the South Orange County Reliability Enhancement (SOCRE) Project

Dear Mr. Barnsdale:

This report summarizes the compliance monitoring activities that occurred during the period from **August 1 to 31, 2021**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed two times between August 1 and 31, 2021, 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.
- NTP-7 (February 4, 2021): Installation of two 230-kV transmission lines, reconfiguration of three 138-kV lines, and relocation of a 69-kV line within the Talega Hub and Corridor.

The WSP USA Inc. (WSP) 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

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project construction areas on August 12 and August 17, 2021. The WSP site inspection reports that summarize observed construction activities and compliance events, as applicable, and verifies mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. This report is attached below (Attachment 1).

Project activities in August 2021 were covered under NTP-3, NTP-4, and NTP-5. Construction activities during August 2021 took place within the vicinity of the San Juan Capistrano Substation and in other locations in the project area. Project activities at the Capistrano Substation included wiring and degassing activities in 138-kV gas insulated substation (GIS) building, labeling 138-kV GIS equipment, performing lead abatement at the 12-kV substation facility, and installing pedestal gate lighting at the north and south entrances. Project activities at Long Park, Calle Lorenzo, and the Westport complex included restoring laydown areas, installing temporary fencing, drilling and placing new steel pole foundations, setting a new steel pole, and installing conduit via trench and backfill activities. Meter pedestal work was also conducted at Serra Park.

In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between August 1 and 31, 2021. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness and 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 August 2021. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the August 2021 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 August 2021 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, NTP-7, MPR-1, MPR-1 Addendum 1, MPR-1 Addendum 2, 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 incidents were reported during August 2021.

Public Concerns

SDG&E did not receive any complaints during the reporting period of August 2021.

Minor Approvals

No minor approvals occurred during the reporting period of August 2021.



Mr. Andrew Barnsdale
September 29, 2021

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

August 12 and 17, 2021



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	August 12, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS125
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP USA 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:	1430 to 1545
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, and NTP-5		

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 SOCRE transmission line work.

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 1430 and met with the Environmental Inspector (EI). Work continued to be slow at the substation with a crew working within the gas insulated substation (GIS) building and a crew installing the lighting equipment at the two project entrances (Photo 1).

Tubular steel pole (TSP) installation crews had begun work west of the substation and west of the railroad tracks near the end of the bore pit. There will be four large TSPs installed in this area. They have fenced off the work area and a large laydown area (Photo 2) and drilled the first TSP foundation hole (Photo 3). A metal casing has been placed in the hole and slurry trucks were arriving to pour the void between the casing and the earthen portion of the hole (Photo 4). The hole is approximately 30 feet deep by 5 feet in diameter, so the pour requires a large number of slurry trucks; they anticipate completing the pour today.

Tailings from the drilling were being loaded into dump trucks and hauled offsite (Photo 5). The equipment generated large quantities of dust during the loading activity, and that dust could potentially impact the apartment buildings on either side of the work space. The wind speed was increasing, so I spoke with the EI about spraying some water on the work area to minimize the dust. The EI was able to have the contractor bring hoses from the water buffalo in the laydown yard to use to spray the area. The contractor regularly swept the public roadway during work activities and indicated that it would be free of soil and dust once the job site was vacated.

During the next few days, the rebar cage will be dropped into the open hole and conduit will be brought to the foundation. At the end of the workday, the area will be fenced off and locked, and the open hole will be plated over and sealed.

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 been through the environmental training with 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 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
8/12/21	San Juan Capistrano Substation		Photo 1 – Installation of light tower equipment near the southwestern entrance. Photo facing west

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/12/21	SOCRE transmission corridor		Photo 2 – Laydown yard for TSP installation work west of the substation.
8/12/21	SOCRE transmission corridor		Photo 3 – Drill rig and concrete pumping equipment around the new TSP foundation hole. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/12/21	SOCRE transmission corridor		Photo 4 – Metal casing in the foundation hole. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/12/21	SOCRE transmission corridor		Photo 5 – Drill rig and tailings from the TSP foundation drilling. Photo facing east.

Completed by:	CPUC/WSP Compliance Monitor
Date:	8/16/21

Reviewed by:	Manager
Date:	08/23/21



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	August 17, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS126
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP USA 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:	1400 to 1530
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, and NTP-5		

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 SOCRE transmission line work.

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 1400 and met briefly with SDG&E's project manager. No work was occurring at the substation, so I met with the Environmental Inspector (EI) to observe the tubular steel pole (TSP) installation activities just west of the railroad tracks.

A large amount of equipment and materials were staged in the temporary construction yard. There was adequate containment under the equipment and a concrete washout bin in place (Photos 1 & 2).

The TSP installation crew was working on trenching and pouring the conduit trench running from the bore pit area to the new TSP foundation (Photo 3). The trench was deep, and the sidewalls were collapsing. The crew had tried unsuccessfully to bolster the sidewalls, so when I was onsite, they were pouring slurry to fill and stabilize the trench (Photo 4). The crew intends to return later and trench through the slurry to lay the conduit.

Several large spoil piles from the drilling and trenching were located within the work area (Photos 5 and 6). These piles will have best management practices (BMPs) placed around them and, according to the EI, they will be sprayed with water to prevent fugitive dust from leaving the area.

<p>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)</p> <p>All project personnel have been through the environmental training with hardhat stickers (MM HAZ-3, MM CUL-1).</p>
<p>RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)</p>
<p>COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, environmental observations of note)</p>
<p>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.</p> <p><input type="checkbox"/> New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.</p> <p><input type="checkbox"/> Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.</p> <p><input type="checkbox"/> 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.</p>
<p>PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:</p>

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/17/21	SOCRE transmission corridor		Photo 1 – Staging area for equipment and materials west of the railroad tracks. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/17/21	SOCRE transmission corridor		Photo 2 – Staging area for equipment and materials west of the railroad tracks. Photo facing east.
8/17/21	SOCRE transmission corridor		Photo 3 – Crews pouring slurry into the conduit trench leading to the TSP foundation west of the railroad tracks. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/17/21	SOCRE transmission corridor		Photo 4 – Bracing of the conduit trench west of the railroad tracks. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
8/17/21	SOCRE transmission corridor		Photo 5 – Spoil pile generated by the conduit trenching west of the railroad tracks. Photo facing west.
8/17/21	SOCRE transmission corridor		Photo 6 – Spoil pile surrounded by a wattle BMP. Photo facing east.

Completed by:	CPUC/WSP Compliance Monitor
Date:	9/6/21

Reviewed by:	Manager
Date:	9/6/21