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December 3, 2018

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

Re: Monthly Report Summary #12 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 **October 1 to 31, 2018**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed two times between October 1 and 31, 2018, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and their 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.

The Ecology and Environment, Inc. (E & E) compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/E & E compliance monitoring team visited the San Juan Capistrano Substation site on October 1 and 26, 2018. E & E site inspection reports that summarize observed construction activities and compliance events, as applicable, and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Project activities in October 2018 were covered under NTP #1, NTP #2, NTP #2 Addendum #1, and NTP #3. Construction activities authorized under NTP #4 had not commenced in October 2018. Construction activities during October 2018 took place within the San Juan Capistrano Substation site and included continuation of site preparation activities, inspections, over excavation and recompacting, hazardous materials abatement within the Capistrano Substation (former utility structure), removal of the capacitor bank and terminator rack foundations, hauling concrete from the San Juan Capistrano Substation site, grouting, pouring concrete for the southern perimeter wall footings, damp proofing and installing the subdrain at the northern perimeter wall, excavating the 12-kilovolt (kV) vaults for conduit installation, excavation and installation of storm drains around the existing utility structure, relocating the construction site entrance to the southern side of the San Juan Capistrano Substation site, and stabilization of the construction site entrance. SDG&E conducted routine inspection and

maintenance activities between October 1 and 31, 2018. Inspection activities included weekly inspections of the substation boundary for cleanliness as well as weekly Stormwater Pollution Prevention Plan (SWPPP) inspections to ensure there were no best management practice (BMP) deficiencies or potential non-compliance incidents.

Project compliance during the October 2018 monitoring period was achieved through regular communication with and reporting by SDG&E. Communication between the CPUC/E & E compliance team and SDG&E has been regular and effective. SDG&E's monthly environmental compliance report for October 2018 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 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, and NTP #3.

Compliance Incidents

There were no compliance incidents during October 2018.

Public Concerns

One complaint was received by the South Coast Air Quality Management District (SCAQMD) on October 2, 2018. A property owner contacted SCAQMD regarding dust at the San Juan Capistrano Substation site. In response to the complaint, an inspector from SCAQMD visited the San Juan Capistrano Substation site on October 3, 2018, to observe construction activities. The SCAQMD inspector did not identify any compliance issues regarding dust emissions. SDG&E requested a copy of the complaint report from the SCAQMD through a public records request in order to respond to the property owner. SDG&E did not receive the report from SCAQMD during October.

SDG&E continued to follow up with residents on the complaint reported in the August 2018 monthly report regarding noise and vibration associated with demolition of the east wing of the former utility structure. SDG&E completed noise monitoring during September 2018 to ensure project compliance. As of the end of October 2018, results of the noise monitoring were not yet available; however, preliminary results indicated compliance with noise requirements.

Minor Approvals

There were no minor approvals during October 2018.

Sincerely,

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

cc: Jennifer Kaminsky, Environmental Project Manager, SDG&E

ATTACHMENT 1

CPUC Site Inspection Reports

October 1 and 26, 2018

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement Project (SOCRE)	Date:	October 1, 2018
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS011
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny and warm with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	1015 to 1200
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, and NTP-3		

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 (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?			X
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	**Yes**	**No**	**N/A**
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	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.

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

I arrived at the San Juan Capistrano Substation site at 1015 and met with the SDG&E Lead Environmental Inspector. No cultural resources monitors were onsite on the day of my site visit because minimal earthwork was being conducted. The SDG&E Lead Environmental Inspector indicated that major earthwork was not planned in the near future; therefore, cultural resources monitors would not be onsite until this type of work was scheduled.

The earthwork occurring on the day of my site visit included installation of a stormwater filtration catch basin in the southwest corner of the San Juan Capistrano Substation site, near the street drain (Photo 1). The forecast indicated a storm during the day, but only 0.25 inch of rain was predicted. The construction contractors were preparing the San Juan Capistrano Substation site for the rainy season, which officially begins on November 1. Preparations included bringing in gravel and setting up the stormwater filtration catch basin. The sediment trap has five rows of gravel bags to slow the rainwater runoff and allow any sediment to drop out. I observed that the stormwater filtration catch basin looked small, considering the size of the site.

The two conduit vaults were installed and backfilled, with one on either side of the San Juan Capistrano Substation entrance (Photo 2). Water trucks continued to minimize the construction dust by using reclaimed water (Mitigation Measures [MMs] PS-1, Applicant Proposed Measure [APM] AQ-1). A large pile of old foundation material remained onsite but will be broken up and recycled (Photo 3). Concrete trucks were bringing cement to a pumper truck and the northern perimeter wall being poured (Photo 4).

The slope just west of the Capistrano Substation (former utility structure) has been laid back (i.e., excavated and shaped to a less steep slope) (Photo 5). The area within the former utility structure has been regraded and graveled; all of the construction trailers will be moved to this location (Photo 6). The southern perimeter wall was being built (Photo 7) and the foundation trench remained at the western end of the southern perimeter wall (Photo 8).

The SDG&E Environmental Coordinator was onsite and we discussed the project. The SDG&E Environmental Coordinator indicated that lead abatement on the former utility structure was ongoing but close to completion.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and have hardhat stickers (MM HAZ-3, MM CUL-1). See the MMs listed in the observed activities.

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

Check in on the Stormwater Pollution Prevention Plan (SWPPP) preparations, specifically the stormwater filtration catch basin.

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

COMPLIANCE SUMMARY

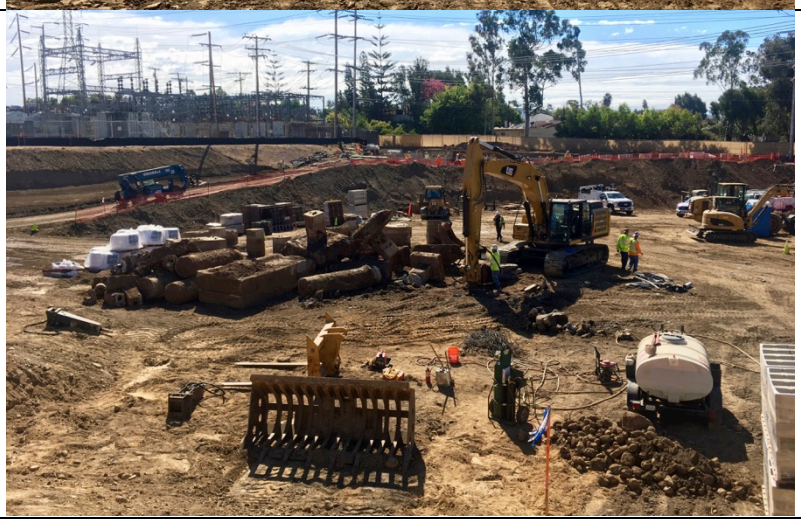
Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/1/18	San Juan Capistrano Substation		Photo 1 – Sediment basin located in the southwestern corner of the site.
10/1/18	San Juan Capistrano Substation		Photo 2 – Vault installation. Photo facing south.
10/1/18	San Juan Capistrano Substation		Photo 3 – Stockpile area with concrete rubble to be recycled. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/1/18	San Juan Capistrano Substation		Photo 4 – Northern perimeter wall work. Photo facing west.
10/1/18	San Juan Capistrano Substation		Photo 5 – Project excavation location. Photo facing south.
10/1/18	San Juan Capistrano Substation		Photo 6 – Future construction trailer location. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/1/18	San Juan Capistrano Substation		Photo 7 – Southern perimeter wall construction. Photo facing west.
10/1/18	San Juan Capistrano Substation		Photo 8 – Wall foundation trench. Photo facing west.

Completed by:	CPUC/E&E Compliance Monitor
Date:	10/13/18

Reviewed by:	Manager
Date:	10/15/18

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	October 26, 2018
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS012
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment (E&E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool and calm
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0700 to 0845
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, and NTP-3		

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 (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?			X
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	**Yes**	**No**	**N/A**
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	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.

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

I arrived at the San Juan Capistrano Substation for the 0700 tailboard meeting. It had been several weeks since my last site visit because very little work was being conducted at the San Juan Capistrano Substation.

The SDG&E Lead Environmental Inspector said that the cultural and paleontological monitors were onsite the previous day, but they were not onsite for my site visit. Based on observations from the previous day, the monitors noted that the planned excavation would occur in fill material and, therefore, cultural and paleontological monitoring was not necessary.

Most of the lead abatement work on the Capistrano Substation (former utility structure) was complete and a special paint was applied to seal the walls (Photo 1). I observed that the sediment catch basin filled up after one small storm (Photo 2). I spoke with the SDG&E Lead Environmental Inspector about cleaning out the sediment trapped behind the gravel berms and possibly expanding the basin, as a larger storm may overwhelm the basin in its current size. The SDG&E Lead Environmental Inspector said an upgrade would be made, as needed, based on the weather. A crew was installing a portion of the stormwater drainage system near the San Juan Capistrano Substation entrance, just south of the Capistrano Substation (Photo 3).

Work on the southern perimeter wall was ongoing (Photo 4). I noted that a gas container and an oil can being used to fuel the portable generator were not contained. I mentioned this to the SDG&E Lead Environmental Inspector and he spoke with the construction contractors about placing the gas container and oil can within a drip pan.

Water trucks using reclaimed water continued to minimize dust created by construction activities (Mitigation Measure [MM] PS-1, Applicant Proposed Measure [APM] AQ-1; Photo 5). Work on the northern perimeter wall was ongoing; crews were using a moisture sealant paint on the wall (Photo 6). An excavator was pulling back some of the soil from the base of the wall to allow crews to do the sealant work (Photo 7).

Conduit installation was taking place in the two trenches associated with the two large vault boxes (Photo 8). These were deep, straight-walled trenches, and escape ramps were not installed. I spoke with the SDG&E Lead Environmental Inspector about his examination of these trenches for any animals; the SDG&E Lead Environmental Inspector said that the trenches are checked often. In addition, the SDG&E Lead Environmental Inspector has directed the construction contractors to report any animals that they observed.

Most of the exposed soil throughout the San Juan Capistrano Substation has been hydromulched (Photo 9).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and have hardhat stickers (MM HAZ-3, MM CUL-1). See the MMs listed in the observed activities.

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

Check in on the Storm Water Pollution Prevention Plan (SWPPP) preparations, specifically the stormwater filtration catch basin.

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

COMPLIANCE SUMMARY

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

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

☐ Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.

☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/26/18	San Juan Capistrano Substation		Photo 1 – Former utility structure. Photo facing south.
10/26/18	San Juan Capistrano Substation		Photo 2 – Stormwater filtration catch basin. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/26/18	San Juan Capistrano Substation		Photo 3 – Storm drain installation. Photo facing east.
10/26/18	San Juan Capistrano Substation		Photo 4 – Southern perimeter wall; note the oil and gas containers have no secondary containment. Photo facing west.
10/26/18	San Juan Capistrano Substation		Photo 5 – Overview of the San Juan Capistrano Substation site; a water truck is conducting dust control. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/26/18	San Juan Capistrano Substation		Photo 6 – Sealing the northern perimeter wall. Photo facing north.
10/26/18	San Juan Capistrano Substation		Photo 7 – Soil removal along the northern perimeter wall. Photo facing east.
10/26/18	San Juan Capistrano Substation		Photo 8 – Conduit installation. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
10/26/18	San Juan Capistrano Substation		Photo 9 – Exposed soil has been hydromulched. Photo facing east.

Completed by:	CPUC/E&E Compliance Monitor
Date:	11/5/18

Reviewed by:	Manager
Date:	11/6/18