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PROJECT MEMORANDUM
SDG&E VINE 69/12-KV SUBSTATION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: April 19, 2017
Subject: Monitoring Report #12: February 27 to April 8, 2017

Introduction

This report provides a summary of the construction and compliance activities associated with San Diego Gas and Electric's (SDG&E) Vine 69/12-kV Project.

A summary of the Notice to Proceed (NTP) for construction is provided below. The status of Temporary Extra Workspace (TEWS) and Minor Project Changes (MPCs) is provided in Table 1.

CPUC Environmental Monitor (EM): Jenny Slaughter was onsite April 6-7, 2017.

Work Schedule: Construction at the Vine Substation Site was conducted Monday-Friday between 7:00 am and 3:00 pm.

CPUC NTPs

NTP #1: Construction of the Vine 69/12-kV Substation Project

NTP #1 was issued by CPUC on June 8, 2016 for the entirety of the Vine 69/12-kV Substation Project, including construction of the Vine Substation, 12 kV distribution relocation, 69 kV Loop in, and telecom system upgrades.

Construction & Compliance

Vine Substation Construction

Summary of Activity: Please see Exhibit A

1. Construction began at the Vine Substation site on August 17, 2016. Civil construction activities are being conducted by Patriot Engineering. The below grade structural portion of the substation construction is being conducted by DCX. Patriot has completed the majority of the civil work and will return at a later time to complete final sidewalk installation.
2. Temporary power into the substation construction trailer was completed.
3. Construction of the control shelter and transformer pads continued during the subject reporting period. Construction of the oil containment areas occurred at the transformer pads (see Figure 1).
4. Permanent perimeter fence installation was completed (see Figure 2).
5. Trenching and installation of the conduit ducts and pull boxes was conducted within the substation site (see Figure 3).
6. Permanent gates were installed at the Kettner Boulevard and Vine Street entrances.
7. Soil stockpiled soils from the excavated trenches and foundations was hauled off site (see Figure 4).



12-kV Relocation (Columbia Segment – 12 kV Underground)

Summary of Activity:

No activity took place during the subject period.

69 kV Loop In

Summary of Activity

No activity took place during the subject period.

Telecom System Upgrades

Summary of Activity

No activity took place during the subject period.

Environmental Compliance

1. Archaeological and Paleontological monitoring took place on March 8 to monitor ground-disturbing activities of previously undisturbed soils within the substation site. No finds were observed.
2. Contaminated soils were encountered during excavation for the transformer pads and the control shelter. The soils were stockpiled on site and covered with plastic prior to removal on March 9.
3. On March 9, a City of San Diego inspector performed a BMP inspection at the substation site. The inspector found all BMPs to be properly installed and maintained.
4. The CPUC EM verified that haul trucks were covering the exported soil prior to hauling off site consistent with AQ-3.
5. The CPUC EM observed a water buffalo trailer with the lid open staged on the substation site. The CPUC EM recommended that the lid be secured to prevent any wildlife from becoming trapped. The DCX crews immediately secured the lid.
6. The CPUC EM and the site Environmental Inspector discussed the stabilization of a temporarily work area along the railroad right-of-way side of the substation site (see Figure 5). The project SWPPP requires that disturbed areas where construction activities have ceased be stabilized within 14 days. The Environmental Inspector relayed the concern to SDG&E.

Temporary Extra Workspaces (TEWS) and Minor Project Changes (MPCs)

Table 1 summarizes the TEWS and MPCs for the Vine Substation Project.

Table 1
Temporary Extra Workspaces (TEWS) & Minor Project Changes (MPCs)
(Updated 04/19/17)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #1	07/20/16	07/20/16	12 kV Underground	Requests the use of an existing graveled portion of the Witherby Substation for equipment and materials staging.

TEWS / MPC	Date Requested	Date Issued	Phase	Description
TEWS #2	07/21/16	07/21/16	12 kV Underground	The use of a paved, private parking area along Laurel Street for the large excavator.
TEWS #3	08/15/16	08/16/16	12 kV Underground	Use of paved, private parking lot (currently empty) for Underground contractor's equipment and materials storage.
MPC #1	08/31/16	09/09/16	12 kV Underground	Continued use (beyond 60 days) of Kettner and Witherby yards.

Exhibit A – Construction Status



PROJECT PHOTOGRAPHS



Figure 1 – DCX crews constructed the oil containment area surrounding the transformer pads.



Figure 2 – Permanent fencing was installed around the substation site perimeter.



Figure 3 – Conduit and pull box installation is ongoing.



Figure 4 – Hauling of excess soil for disposal; haul trucks covered the loads prior to leaving the substation site.



Figure 5 – Temporarily disturbed area adjacent to the railroad right-of-way; SDG&E is assessing possible stabilization treatments.