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PROJECT MEMORANDUM
DOWNS SUBSTATION EXPANSION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: April 28, 2015
Subject: Monitoring Report #20: April 13 to April 19, 2015

This report provides a summary of the construction and compliance activities associated with the Southern California Edison (SCE) Downs Substation Expansion Project.

A summary of the Notices to Proceed (NTPs) for construction and Minor Project Change (MPC) activities are provided in Tables 1 and 2, respectively (below).

CPUC Environmental Monitor (EM): David DuBois was on site April 13, 2015.

Work Schedule: Work continued Monday through Sunday during the subject period.

CPUC NTPs

#1 Downs Substation Expansion Site

NTP #1 was issued on October 22, 2014 for the site preparation, grading, and construction of the Downs Substation expansion, adjacent to the existing Downs Substation on the corner of South Downs Street and West Ridgecrest Boulevard in Ridgecrest. NTP #1 included conditions that had to be satisfied prior to the start of construction.

Summary of Activity:

1. Gravel and materials continued to be stored on the substation pad. The substation expansion pad is approximately 60% complete (see Figure 1).
2. Concrete deliveries, trenching, and conduit installation occurred at the substation expansion area during the subject period (see Figure 2).
3. Installation of a Mechanical and Electrical Equipment Room (MEER) and associated wiring continued during the subject period.

Environmental Compliance:

1. Cultural monitoring has been suspended and did not occur during the subject period. The majority of grading is complete and the ground surface is 100% disturbed.
2. Biological monitoring was conducted during the subject period. No sensitive biological resources were observed during the subject period.
3. Desert tortoise fencing continued to function along the property boundary fencing. No desert tortoises have been observed at the substation site since the start of construction.
4. Following the approval of MPC #1 (see Table 2 below), an alternate route to access the Project work-area, that avoids public traffic, is available for use. However, during the subject period, construction traffic was minimal and accessed the site from West Ridgecrest Boulevard.
5. Track-out was minimal during the subject period. A street sweeper is onsite to manage roadway cleaning as necessary.



6. Concrete washouts are properly contained and generators were equipped with secondary containment.
7. Trash containers were observed to be securely covered during the subject period.
8. No dust issues were observed.

#2 Linear Portion

NTP #2 was issued on February 20, 2015 for the linear portion of the Project which includes 115 kV and fiber optic installations, and substation upgrades. NTP #2 included conditions that had to be satisfied prior to the start of construction.

Summary of Activity:

1. Fiber optic related activities were completed along short sections of the telecom route near the SCE Ridgecrest Service Center during the subject period (see Figures 3&4) Temporary patches in the roadway will be replaced with roadway asphalt in the coming weeks.
2. Crews continued work along overhead portions of the telecom route during the subject period.
3. Linear work is approximately 60% complete (see Figures 5&6).

Environmental Compliance:

1. Biologists and Cultural specialists are continuing preconstruction clearance and resource avoidance delineations for work areas along portions of the NTP #2 linear alignment.
2. Biologists continue to monitor bird nests along the NTP #2 linear segment. During the subject period four raven, one mourning dove, and one horned lark nest were active near work areas.

Notices to Proceed

Table 1 summarizes the Notices to Proceed (NTP) for the Downs Substation Expansion Project.

Table 1
Notice to Proceeds (NTPs)
(Updated 04/28/15)

NTP #1	Date Requested	Date Issued	Phase	Description
NTP #1	09/04/14	10/22/14	Downs Substation Expansion	Site preparation/grading, installation of substation components in the expanded Down's Substation footprint.
NTP #2	01/27/15	02/20/15	Remainder of the Project	115 kV and fiber optic installations, and substation upgrades.

Minor Project Changes

Table 2 summarizes the Minor Project Changes for the Downs Substation Expansion Project.

Table 2
Minor Project Changes (MPCs)
(Updated 04/28/15)

MPC	Date Requested	Date Issued	Phase	Description
MPC #1	12/05/14	12/15/14	Downs Substation Expansion	Requests the use of an existing dirt roadway that connects the southwest corner of the work area to Church Avenue.

PROJECT PHOTOGRAPH



Figure 1 – The Downs Substation pad remains 60% complete. View south 04/13/15.



Figure 2 – Underground conduit installation occurred within the Substation expansion area during the subject period. View south, 04/13/15.



Figure 3 – Fiber optic work was completed at the SCE Ridgecrest Service Center during the subject period. View north, 04/13/15.



Figure 4 – Fiber optic work was completed at the SCE Ridgecrest Service Center during the subject period. View northwest, 04/13/15.



Figure 5 – Linear work continued during the subject period. View southwest, 4/13/15.



Figure 6 – Linear work continued during the subject period. View northeast, 4/13/15.