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PROJECT MEMORANDUM
DOWNS SUBSTATION EXPANSION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: January 22, 2015
Subject: Monitoring Report #8: January 12 to 18, 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 January 13, 2015.

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. Work continued Monday through Thursday of the subject period. No work occurred Friday, Saturday or Sunday (January 16, 17 & 18)
2. Preparation of the substation pad and surveying of the substation pad for foundation locations continued (see Figure 1). Gravel and materials continued to be stored on the substation pad. Trenching and soil compaction testing occurred at the substation pad (see Figures 2&3).
3. Installation of a Mechanical and Electrical Equipment Room (MEER) continued during the subject week. The building's foundation was poured during the subject period (see Figures 4& 5).
4. Installation of a detention pond at the southeast portion of the site continues (see Figures 6&7).
5. Concrete was delivered to the substation expansion area 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 biological resources were observed during the subject week.
3. No dust issues were observed by the CPUC EM.
4. Desert tortoise fencing continued to function. No desert tortoises have been observed at the substation site since the start of construction.



5. Following the approval of MPC #1 (see Table 2 below), vehicles are using an alternate route to access the Project work area that avoids public traffic. During the subject period, the CPUC EM observed that the entrance was being left open; however, a biological monitor was posted at the gate throughout the day to check for wildlife (including desert tortoise).
6. Recent rains created some muddy conditions during the subject week. Track-out was observed along Church Avenue (see Figure 8). The CPUC EM notified construction and compliance personnel who indicated the issue would be solved.
7. Concrete wash-outs are properly contained.
8. Trash containers were observed to be securely covered during the subject period.

Notices to Proceed

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

Table 1
Notice to Proceeds (NTPs)
(Updated 01/22/15)

| NTP #1 | Date Requested | Date Issued | Phase | Description |
|--------|----------------|-------------|----------------------------|--|
| NTP #1 | 9/4/14 | 10/22/14 | Downs Substation Expansion | Site preparation/grading, installation of substation components in the expanded Down's Substation footprint. |

Minor Project Changes

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

Table 2
Minor Project Changes (MPCs)
(Updated 01/22/15)

| MPC | Date Requested | Date Issued | Phase | Description |
|--------|----------------|-------------|----------------------------|--|
| MPC #1 | 12/5/14 | 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 PHOTOGRAPHS



Figure 1 – Surveyor markers have been installed on the substation pad in preparation of structure installation. View east, January 13, 2015.



Figure 2 – Trenching occurred at the substation pad during the subject period. View northeast, January 13, 2015.



Figure 3 – Trenching occurred at the substation pad during the subject period. View northeast, January 13, 2015.



Figure 4 – Pouring of concrete for the MEER building occurred. View west, January 13, 2015.



Figure 5 – Installation of a MEER building continued during the subject period. View from the northeast corner of the substation pad. View southwest, 01/08/15 above and 01/13/15 below.



Figure 6 – Panoramic view of detention basin grading progress, from southeast corner of site. View northwest, 12/23/14 above, 01/08/15 middle, and 01/13/15 below.



Figure 7 – Installation of the detention basin continued. Weekend rains deposited some water here. View southwest, 01/08/15 above and 01/13/15 below.



Figure 8 – Recent rains and mud generated some track out onto Church Avenue. View west, January 13, 2015.