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PROJECT MEMORANDUM
DOWN'S SUBSTATION EXPANSION PROJECT

To: Eric Chiang, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: March 18, 2016
Subject: Monitoring Report #62 –March 7 to March 13, 2016

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 March 7, 2016.

Work Schedule: Work occurred Monday through Thursday 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 Ridgcrest Boulevard in Ridgcrest. NTP #1 included conditions that had to be satisfied prior to the start of construction.

Summary of Activity:

1. Removal and modification work continued on components of the original Downs Substation (see Figures 1&2). This work will continue over the coming weeks.
2. Crews completed dismantling old 33 kV structures, resurfacing substation yard, and applying gravel base material (see Figure 3).
3. Materials continue to be stored onsite and will be removed in the coming weeks.
4. The substation expansion area is approximately 97% complete, with some limited paving work remaining.
5. The expanded Downs Substation became operational December 3, 2015.
6. 115 kV transformer banks in the expansion area were energized on January 15, 2016.

Environmental Compliance:

1. Landscaping was reviewed by the CPUC EM to confirm conformance with the approved Landscape Plan for the Downs Substation 115 kV Expansion; three Mexican fan palms shown in the plans were not installed because of potential safety risks associated with the trees being positioned below transmission lines along Ridgcrest Boulevard. SCE has notified the City of Ridgcrest of the changes and is requesting their concurrence.

2. Storm Water Pollution Prevention Plan Best Management Practices (SWPPP BMPs) were followed appropriately during the subject period.
3. Cultural monitors spot checked excavation work within the old substation area. No sensitive resources were identified.
4. Work areas were clean and free of trash with trashcan lids securely covered.
5. No track-out was observed during the subject period.
6. No dust issues were observed during the subject period.
7. Desert tortoise fencing was appropriately installed during fence installation work. No desert tortoises have been observed at the substation site since the start of construction.

#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. Overhead fiber optic work was completed on September 29, 2016.

Environmental Compliance:

1. On October 8th, SCE requested that the deadline for submitting the final technical report, concerning paleontological monitoring for the project, be extended to December 21, 2015 to allow for the inclusion of radiocarbon dating results. The extension request was approved. On December 17th the Paleontological Resources Monitoring Final Report was submitted to the CPUC. The CPUC provided a detailed review of the report, with recommended corrections, to SCE on January 13, 2016. A revised final report will be submitted in the coming weeks.

Notices to Proceed

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

Table 1
Notices to Proceed (NTPs)
(Updated 03/18/16)

NTP	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 03/18/16)

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.
MPC #2	05/20/15	05/26/15	Downs Substation Expansion	Installation of privacy slats on all chain link fencing encompassing the perimeter of the Downs Substation, including the expansion area.

PROJECT PHOTOGRAPHS



Figure 1 – Crews continued upgrading components of the old Downs Substation during the subject period. View east 03/07/16.



Figure 2 – Crews continued upgrading components of the old Downs Substation during the subject period. View north, 03/07/16.



Figure 3 – Demolition work is largely complete in the old Downs Substation area. View northwest, 01/25/16 (above) 02/08/16 (middle) 03/07/16 (below).