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PROJECT MEMORANDUM
SCE WEST OF DEVERS (WOD) UPGRADE PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: April 11, 2018
Subject: Monitoring Report #13: March 26 to April 8, 2018

Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) West of Devers (WOD) Upgrade Project.

CPUC Environmental Monitor (EM): Jamie Miner was onsite March 26-29 and April 2, 4, 5, and 6. Lead Environmental Monitor Jenny Slaughter was onsite March 26-28.

CPUC Notices to Proceed (NTPs)

Table 1 summarizes the NTPs with construction for the WOD Upgrade Project.

Table 1 – NTPs
(Updated 04/11/18)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	04/04/17	06/29/17	Material Yards	Construction or use of 10 Material Yards
NTP #2	05/18/17	06/29/17	Substation Upgrades	Upgrades to 5 existing Substations
NTP #3	06/05/17	08/10/17	Distribution, Subtransmission, and Telecom	Construction of the Distribution, Subtransmission, and Telecommunication portions of the Project
NTP #4	07/13/17	09/05/17	Transmission	Transmission Line Construction on private lands
NTP #5	08/07/17	03/29/18	Construction on BLM lands	Transmission Line construction on BLM lands

Construction & Compliance

A summary of construction and compliance activities is provided below by NTP.

Material Yards (NTP #1)

As defined in NTP #1, Project material yards (MY) include:

- Mountain View #1 MY
- Lugonia MY
- Grand Terrace MY
- Poultry MY



- San Timoteo MY
- Beaumont #1 MY
- Beaumont #2 MY
- Matich MY
- Hathaway #2 MY
- Devers MY

CPUC granted authorization for material storage at the Devers MY in early October 2017. This authorization did not include any activities associated with construction or yard improvements, which are not expected to be required.

After verification that preconstruction measures had been fulfilled, CPUC authorization to begin yard preparation work at the Mountain View #1 and Poultry MYs was provided on February 14, 2018, and authorization for the Beaumont #2 MY was granted on March 2, 2018.

Summary of Construction Activity

1. For the currently approved material yards, Cold Smoke Fence Company is installing chain link fencing and privacy screening. Mod Space is delivering and constructing office trailers. All other activities are being performed by the contractor operating out of each respective yard.
2. The Mountain View #1 MY is being utilized by Hot Line Construction as their primary base of operations and material storage location. Work associated with the Mountain View #1 MY included the installation of chain link fencing, privacy screening, a pole for temporary power, and a yard security system. Material/equipment deliveries and general yard maintenance were also conducted throughout the monitoring period.
3. The Poultry MY is being utilized by Barnard Construction as their primary base of operations and material storage location. Work associated with the Poultry MY included installation of chain link fencing and privacy screening, construction of office trailers, development of the tank pad for temporary yard water supply (offices, restrooms, and fire suppression only), and trenching for internet conduit to office trailers (see Photos 1 and 2). Material/equipment deliveries and general yard maintenance were also conducted throughout the monitoring period.
4. Work associated with the Devers MY included ongoing deliveries of construction materials (see Photo 3).
5. The Beaumont #2 MY is being utilized by CJ Drilling as their primary base of operations and material storage location. No construction activities occurred at the Beaumont #2 MY during the subject reporting period.

Environmental Compliance

1. All construction activities associated with NTP #1 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period (see Photo 4).
2. There were no SWPPP maintenance items associated with NTP #1 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #1.
3. No new nests associated with NTP #1 were reported during the monitoring period. To date, there are no active nests within work areas associated with NTP #1. In the event nests are established, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project Nesting Bird Management Plan (NBMP).

4. No special-status species were observed or identified during the monitoring period at locations associated with NTP #1.

Substations (NTP #2)

Five substations are identified for improvements in NTP #2. These include:

- Etiwanda Substation
- San Bernardino Substation
- Vista Substation
- El Casco Substation
- Devers Substation

Summary of Construction Activity

1. For the current substation construction activities, site supervision is being provided by Circle Wood Services and bus position replacement, reconductoring, and CCVT installation is being conducted by TTR Substations.
2. Work associated with the El Casco Substation upgrades included demolishing jumpers and installation of new breakers at bus positions #1 and #7 (see Photo 5).

Environmental Compliance

1. All construction activities associated with NTP #2 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #2 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #2.
3. No new nests associated with NTP #2 were reported during the monitoring period. To date, there is one active nest (red-tailed hawk) within work areas associated with NTP #2. Nest buffers for non-special-status bird species are being implemented by SCE per the requirements of the Project NBMP.
4. Special-status species observed or identified at locations associated with NTP #2 during the monitoring period included least Bell's vireo.

Distribution, Subtransmission, and Telecommunication Work (NTP #3)

As defined in NTP #3, distribution improvements consist of three work packages. These include:

- Dental 12-kV Distribution Circuit (Dental Circuit)
- Reconductor on Juanita Street (Juanita Reconductor)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)

As defined in NTP #3, subtransmission improvements consist of three work packages. These include:

- Removal of San Bernardino–Redlands-Timoteo and the Sand Bernardino–Redlands-Tennessee 66-kV Lines (San Bernardino Removal)
- Relocation of San Bernardino–Redlands-Timoteo 66-kV Lines (San Bernardino–Redlands-Timoteo Relocation)

- Relocation of San Bernardino–Redlands-Tennessee 66-kV Lines (San Bernardino–Redlands-Tennessee Relocation)

As defined in NTP #3, telecommunication improvements consist of six work packages. These include:

- San Bernardino Substation Connection to Redlands Inland Empire District Office (San Bernardino Connection),
- Timoteo-Redlands District Office Fiber Optic Cable Connection (Timoteo-Redlands Connection),
- El Casco Substation Connection to Vista Moreno OPGW (El Casco Connection),
- Maraschino Substation Connection to Devers-Valley OPGW (Maraschino Connection),
- El Casco–Banning Connection to Devers-Vista Skywrap (El Casco–Banning Connection), and
- Banning Substation Connection to Devers-Valley OPGW (Banning Connection).

To date, all telecommunication, distribution, and subtransmission pre-compliance materials associated with NTP #3 have been submitted and approved.

Summary of Construction Activity

1. For the currently approved subtransmission components, major construction activities are being performed primarily by Hot Line Construction with support from CJ Drilling, and Barnard Construction. For the currently approved telecom components, installation of overhead fiber is being performed by SCE crews.
2. Work associated with the San Bernardino–Redlands-Tennessee Relocation subtransmission improvements included excavation of foundation holes for lightweight tubular steel poles (TSPs) along San Bernardino Avenue.
3. Work associated with the Maraschino Connection telecom improvements have been completed.
4. Work associated with the El Casco Connection telecom improvements included installation of pull rope and fiber clips along the El Casco Substation access road.
5. Work associated with the Banning Connection telecom improvements included installing and splicing fiber along Wesley Street and San Gorgonio Avenue (see Photo 6).

Environmental Compliance

1. All construction activities associated with NTP #3 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period (see Photo 7).
2. There were no SWPPP maintenance items associated with NTP #3 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #3.
3. No new nests associated with NTP #3 were reported during the monitoring period. To date, there are three active nests (golden eagle, great horned owl, red-shouldered hawk) within work areas associated with NTP #3. A request for a buffer reduction associated with the golden eagle nest was submitted for agency review on February 15, 2018. On February 23, 2018, USFWS denied the request. Further negotiations between SCE and the agencies are pending. Nest buffers for non-special-status bird species are being implemented by SCE per the requirements of the Project NBMP.
4. Special-status species observed or identified at locations associated with NTP #3 during the monitoring period included least Bell's vireo.

Transmission Work (NTP #4)

NTP #4 includes descriptions of six transmission line segments, identified as Segments 1 through 6. No work authorized by NTP #4 has been requested.

Summary of Construction Activity

1. No work authorized by NTP #4 has occurred.

Environmental Compliance

1. One new nest (common raven) associated with NTP #4 was identified during the monitoring period. To date, there are two active nests (red-tailed hawk, common raven) within work areas associated with NTP #4. Nest buffers for non-special-status bird species are being implemented by SCE per the requirements of the Project NBMP.

Transmission Work BLM Lands (NTP #5)

NTP #5 includes the portion of one transmission line segment, identified as Segment 6, which traverses properties managed by the BLM. NTP #5 was approved by BLM on March 29, 2018. To date, no work authorized by NTP #5 has occurred.

Temporary Extra Workspaces (TEWS) and Minor Project Refinements (MPRs)

Table 2 summarizes the TEWS and MPRs for the WOD Upgrade Project to date. MPRs #7, #8, and #9 were reviewed and approved since the last reporting period.

Table 2 - TEWS & MPRs
(Updated 04/11/18)

TEWS / MPC	Date Requested	Date Issued	Phase	Description
Temporary Extra Workspaces (TEWS)				
TEWS #1	10-12-17	10-19-17	Maraschino Connection	Access to Beaumont Cherry Valley District water hydrant meter located near the intersection of Highland Springs Avenue and Crooked Creek, Beaumont.
TEWS #2	11-13-17	11-21-17	El Casco– Banning Connection	Water source on Oak Valley Boulevard.
TEWS #3	12-15-17	12-15-17	Banning Connection	Access to existing poles off of Lincoln Street.
TEWS #4	12-18-17	12-18-17	Banning Connection	Access to existing poles off of Wesley Street.
TEWS #5	12-20-17	12-21-17	Banning Connection	Access to existing poles at intersection of Wesley Street and Old Idyllwild Road
Minor Project Refinements (MPRs)				
MPR #1	11-17-17	11-22-17	Maraschino Connection	Revisions to the amount of new underground telecom construction.

TEWS / MPC	Date Requested	Date Issued	Phase	Description
MPR #2	12-13-17	12-15-17	Maraschino Connection	Addition of two vault work areas on Highland Springs Road.
MPR #3	12-21-17	12-28-17	El Casco–Banning Connection	Adjustments to alignment along Oak Valley Parkway
MPR #4	12-27-17	1-3-18	Maraschino/ El Casco–Banning Connections	Continued use of two fire hydrants previously approved as TEWS #1 and TEWS #2
MPR #5	1-16-18	1-22-18	Banning Connection	Continued use of access routes described in TEWS #3, 4, and 5 and temporary access paths through private property along Coyote Trail
MPR #6	2-8-18	2-12-18	Project-wide	Use of 10 water sources to support construction activities
MPR #7	2-23-18	2-28-18	Poultry MY	Temporary water and electrical supply to yard
MPR #8	2-27-18	3-2-18	El Casco Connection/ Segment 1	New telecom splice location and single new steel pole installation
MPR #9	3-26-18	3-27-18	El Casco Connection	Telecom work areas along El Casco Substation access road
MPR #10	4-6-18	4-9-18	Mountain View #1 MY/All subtrans	Additional work spaces at Mountain View #1 MY entry and at subtransmission improvements work areas

CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)

Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

Table 3
CPUC Incidents, Project Memoranda, and Non-Compliance Reports
 (Updated 04/11/18)

Incident/ PM/NCR	Regulatory Requirement	Date Issued	Phase	Description
Level 1 Incident	Traffic Control Plan	01-30-18	Banning Connection	Traffic control was set up in such a way that diverted flow into active work area and deviated from approved Traffic Control Plan.

PROJECT PHOTOGRAPHS



Photo 1 – Installing privacy screening around perimeter of Poultry MY (April 4, 2018).



Photo 2 –Installation of office trailers at Poultry MY (March 26, 2018).



Photo 3 – Materials being transferred from Devers MY to Mountain View MY (March 29, 2018).



Photo 4 – Proper secondary containment observed at Poultry MY (April 5, 2018).



Photo 5 – Crews working at bus position #7 at El Casco Substation (March 27, 2018).



Photo 6 – SCE crew splicing fiber along Wesley Avenue (March 26, 2018).



Photo 7 – Lightweight TSP foundation hole properly covered along San Bernardino Avenue (April 6, 2018).