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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 26, 2018
Subject: Monitoring Report #14: April 9 to 22, 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 April 9, 10, 18, 19, and 20. Lead Environmental Monitor Jenny Slaughter was onsite April 16 through 19.

CPUC Notices to Proceed (NTPs)

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

Table 1 – NTPs
(Updated 04/26/18)

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.

The preconstruction compliance package for the Matich MY was received April 16, 2018, and is under review.

Summary of Construction Activity

1. For the currently approved material yards, Cold Smoke Fence Company is installing chain link gates. Mod Space and Pac Van are 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 was limited to the delivery and setup of the yard office trailer. 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 the chain link gate, installation of temporary distribution power and telecommunication fiber, and construction of office trailers (see Photo 1). Material/equipment deliveries and general yard maintenance were also conducted throughout the monitoring period.
4. The Beaumont #2 MY is being utilized by CJ Drilling as their primary base of operations and material storage location. Work associated with the Beaumont #2 MY was limited to setting up the yard office trailer and minor gate repairs. Material/equipment deliveries and general yard maintenance were also conducted throughout the monitoring period.
5. Work associated with the Devers MY included ongoing deliveries of construction materials.

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 2).
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. One non-reportable (< 1 gallon) spill associated with NTP #1 was recorded during the monitoring period. The spill, consisting of three small motor oil spots, was observed by the SCE Environmental Inspector (EI) at the Mountain View MY on April 12. Personnel from Hot Line Construction immediately addressed the spill and proper remedial efforts were implemented.

4. Two new nests (house finch) associated with NTP #1 were reported during the monitoring period. To date, there are two active nests (house finch) 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).
5. 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 3).

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. One non-reportable (< 1 gallon) spill associated with NTP #2 was recorded during the monitoring period. The spill, consisting of approximately 30 drops of radiator coolant, was observed by the SCE EI at the El Casco Substation on April 19. Personnel from Circle Wood Services immediately addressed the spill and proper remedial efforts were implemented.
4. 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. In the event nests are established, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the NBMP.
5. 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)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)
- Reconductor on Juanita Street (Juanita Reconductor)

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

- Removal of San Bernardino–Redlands-Timoteo and the San Bernardino–Redlands-Tennessee 66-kV Lines (Timoteo-Tennessee Removal)
- Relocation of San Bernardino–Redlands-Timoteo 66-kV Lines (Timoteo Relocation)
- Relocation of San Bernardino–Redlands-Tennessee 66-kV Lines (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 Timoteo Relocation subtransmission improvements included potholing for existing utilities, excavation and installation of underground vaults, conduit, and lightweight tubular steel poles (LWTSPs), and excavation for tubular steel poles (TSPs) (see Photo 4).
3. Work associated with the Tennessee Relocation subtransmission improvements included, potholing for existing utilities, excavation and installation of underground vaults, conduit, and LWTSPs, and excavation for TSPs (see Photos 5 and 6).
4. Work associated with the Maraschino Connection telecom improvements have been completed.
5. Work associated with the El Casco Connection telecom improvements included framing of wooden poles and installation of fiber along the El Casco Substation access road (see Photo 7).

Environmental Compliance

1. On April 16, the CPUC Lead Monitor observed an uncovered portable water tank associated with subtransmission improvements (see Photo 8). The CPUC EM notified the SCE EI regarding this issue, Mitigation Measure WIL-1b requires that water tanks be covered to prevent animal entrapment. The uncovered tank continued to be brought to the jobsite, so on Thursday April 19, a Level 1 Incident Report was provided to SCE documenting the issue. Upon receiving the incident report, construction personnel removed the equipment from the project alignment.
2. On April 19, the CPUC EMs checked on the Telecom work that was occurring along the driveway to the El Casco Substation. A biological monitor was present during the work. Because this area has had recent observations of least Bell's vireo, State and federally endangered species, and the area is

known historically to support nests and territories of that species, the CPUC EM voiced a concern that a qualified monitor (Agency approved for Least Bell's vireo) wasn't present in order to detect nesting or territorial behaviors, both of which would require the implementation of construction buffers and avoidance measures. SCE informed the CPUC EMs that protocol surveys had begun for this species, and that this location had been surveyed on April 10 and that no nests or territories were detected at that time.

3. All other construction activities associated with NTP #3 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
4. 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.
5. One non-reportable (< 1 gallon) spill associated with NTP #3 was recorded during the monitoring period. The spill, consisting of less than 10 fluid ounces of hydraulic fluid, was observed by the SCE EI during work associated with subtransmission improvements along San Bernardino Avenue on April 17. Personnel from Hot Line Construction immediately addressed the spill and proper remedial efforts were implemented.
6. 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. 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 NBMP.
7. 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. No new nests associated with NTP #4 were identified during the monitoring period. To date, there are two active nests (red-tailed hawk, common raven) within work areas associated with NTP #4. 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 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. MPR #10 was approved during the reporting period.

Table 2 – TEWS & MPRs
(Updated 04/26/18)

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.
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

TEWS / MPC	Date Requested	Date Issued	Phase	Description
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 04/26/18)

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.
Level 1 Incident	MM WIL-1b	04-19-18	Timoteo/ Tennessee Relocation	A portable water tank was observed uncovered for four consecutive days.

PROJECT PHOTOGRAPHS



Photo 1 – Installing conduit for telecommunication fiber at the Poultry MY (April 9, 2018).



Photo 2 – Holes properly covered to avoid wildlife entrapment at Mountain View MY (April 9, 2018).



Photo 3 – Framing for new foundations at Position #7 at El Casco Substation (April 10, 2018).



Photo 4 – Excavation complete for vault installation associated with the Timoteo Relocation (April 10, 2018).



Photo 5 – Potholing for utilities ahead of TSP excavation associated with Tennessee Relocation (April 18, 2018).



Photo 6 – Installing LWTSP associated with the Tennessee Relocation along San Bernardino Avenue (April 18, 2018).



Photo 7 – SCE crews installing fiber along the access road to El Casco Substation (April 19, 2018).



Photo 8 – Portable water tank observed uncovered (April 17, 2018).