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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: March 14, 2018
Subject: Monitoring Report #11: February 12 to March 11, 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 February 14 – 16 and 20 - 23, and March 5 – 9, 2018. CPUC Lead Environmental Monitor was onsite March 6-7.

CPUC Notices to Proceed (NTPs)

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

Table 1 – NTPs
(Updated 03/14/18)

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	UNDER REVIEW	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

On January 31, 2018, SCE submitted the preconstruction compliance packages for the Mountain View #1 and Poultry MYs. After verification that preconstruction measures had been fulfilled, CPUC authorization to begin work at these locations was provided on February 14, 2018. The preconstruction compliance package for the Beaumont #2 MY was submitted by SCE on February 27, 2018 and CPUC authorization was granted on March 2, 2018.

Summary of Construction Activity

1. For the currently approved material yards, Cunningham Davis Construction (CDC) is performing vegetation removal, soil compaction, and rock base and BMP installation. Cold Smoke Fence Company is installing chain link fencing. Kindness General Contracting (KGC) is installing exclusionary bird netting.
2. Work associated with the Mountain View #1 MY included the installation of chain link fencing and relocation of existing non-Project related materials.
3. Work associated with the Poultry MY included installation of BMPs, mowing and disking of vegetation, soil compaction, installation of rock base, and installation of chain link fencing (see Figures 1 through 3).
4. Work associated with the Devers MY included installation of exclusionary bird netting and ongoing delivery of construction materials.

Environmental Compliance

1. On February 23, the CPUC EM expressed preliminary concerns with the inadequate effectiveness of the newly installed exclusionary bird netting while inspecting the Devers MY. Numerous gaps which would provide access within the netted materials to birds were observed (see Figure 4). The CPUC EM notified the SCE Lead Avian Biologist and corrective actions were implemented (see Figure 5).
2. Special-status species observed during the monitoring period at locations associated with NTP #1 included northern harrier, ferruginous hawk, and Cooper’s hawk.

Substations (NTP #2)

A total of 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. No construction activities associated with substations occurred during the monitoring period. According to SCE, substation work will resume in March 2018.

Environmental Compliance

1. No new nests associated with NTP #2 were identified during the monitoring period. To date, there is one active nest (red-tailed hawk) within work areas associated with NTP #2.

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 San 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).

On February 22, 2018, SCE submitted preconstruction compliance materials associated with all distribution, subtransmission, and telecom work packages that included San Bernardino Removal, San Bernardino–Redlands-Timoteo Relocation, and San Bernardino-Redlands-Tennessee Relocation. CPUC authorization for each of these work packages was granted on February 28, 2018. To date, all telecommunication, distribution, and subtransmission pre-compliance materials associated with NTP #3 have been submitted and approved, with the exception of the El Casco Connection.

Summary of Construction Activity

1. For the currently approved telecom components, installation of innerduct and underground and overhead fiber is being performed by SCE crews.
2. Work associated with the El Casco Connection telecom improvements was limited to completing splicing activities in Moreno Valley approved under MPR #8 (see Table 2).

3. Work associated with the Maraschino Connection telecom improvements have been completed.
4. Work associated with the El Casco-Banning Connection telecom improvements included installation of innerduct and underground fiber along Oak Valley Parkway. Additionally, crews erected one riser pole along Oak Valley Parkway east of Interstate 10.
5. Work associated with the Banning Connection telecom improvements included preparing poles and installing fiber from Lincoln Street along the alignment to the intersection of San Gorgonio Avenue and Wesley Street. From that intersection, pole preparation continued south along Old Idyllwild Road. Additionally, SCE installed the overhead “flying corner” requested and approved with MPR #5 (see Figure 6).

Environmental Compliance

1. No new nests associated with NTP #3 were identified during the monitoring period. To date, there are two active nests (golden eagle, great horned owl) 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.
2. Special-status species observed during the monitoring period at locations associated with NTP #3 included Cooper’s hawk.

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 occurred.

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 is a total of one active nest (red-tailed hawk) within work areas associated with NTP #4.

Transmission Work BLM Lands (NTP #5)

NTP #5 is under review.

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 and #8 were reviewed and approved during the subject reporting period.

Table 2 - TEWS & MPRs
(Updated 03/14/18)

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 / MPC	Date Requested	Date Issued	Phase	Description
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

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 03/14/18)

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



Figure 1 – Poultry MY during mowing and disking activities (February 23, 2018).



Figure 2 – Installation of steel poles for chain link fencing at Poultry MY (February 22, 2018).



Figure 3 – Installation of rock base along main access road to Poultry MY (March 9, 2018).



Figure 4 – Gaps within exclusionary bird netting observed at Devers MY (February 23, 2018).



Figure 5 – Cribbing used to secure exclusionary bird netting at Devers MY (March 8, 2018).



Figure 6 – SCE crew installing "flying corner" at intersection of Old Idyllwild Road and Wesley Street (February 21, 2018).