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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: August 6, 2012
Subject: Weekly Report 50, June 25 to July 1, 2012

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SCE DPV2 Transmission Line and Red Bluff Substation Projects. This report is organized as follows:

- Transmission Line Construction
- Substation Construction and Upgrades
- Construction Yards and Other Workspaces

A summary of the Notices to Proceed (NTPs) with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Additionally, a summary of Temporary Extra Workspace (TEWS) and non-compliance activities are provided in Tables 3 and 4, respectively. Table 5 provides a summary of transmission line construction progress to date.

CPUC/BLM/Aspen Environmental Monitors (EM): Ryann Loomis, Rosina Goodman, and Jamie Miner

TRANSMISSION LINE CONSTRUCTION

Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation

- BMPs were installed at Towers 2539, 2540, 2542, 2544, 2545, 2547, 2549, 2550, 2552, 2554, 2555, 2557, 2560, 2563, 2564, 2565, 2566, 2568, 2569, 2574, 2575, 2577, 2600, 2601, 2603, 2604, 2605, 2610, 2617, 2621, 2627, 2628, 2629, and 2630.
- Vegetation clearing occurred at Towers 2534, 2540, 2542, 2544, 2541, 2545, 2546, 2547, 2548, 2550, 2552, 2554, 2555, 2556, 2557, 2558, 2572, 2577, 2600, 2602, 2603, 2604, 2605, 2610, 2617, 2621, 2627, and 2630.
- Desert pavement salvage occurred at Towers 2534, 2535, 2577, 2602, 2603, 2604, and 2610.
- Soil salvage for special-status plants and/or vegetation communities occurred at Towers 2617, 2621, 2627, 2628, 2629, and 2630.
- Spur road and crane pad grading occurred at Towers 2603 and 2610.
- Tower foundation drilling and concrete pouring activities occurred at Tower 2653, CR1-1E, and CR1-2W.
- Tower foundation concrete pouring activities occurred at Towers 2653, CR1-1E, and CR1-2W.

2. Red Bluff Substation to Devers Substation

- BMPs were installed at Towers 2006, 2008, 2013, 2230X, 2240, 2328, 2332, and 2528.
- Maintenance of BMPs occurred at Towers 2013, 2104, 2110, 2132, and 2204.



- Vegetation clearing occurred at Towers 2006, 2008, 2013, 2254, 2255, 2327, 2328, 2329, 2332, and 2528.
- Desert pavement salvage occurred at Towers 2300, 2456, 2509, and 2528.
- Soil salvage for special status plants and/or vegetation communities occurred at Tower 2232.
- Spur road and crane pad grading occurred at Towers 2006, 2008, 2013, 2133, 2134, 2135, 2136, 2137, 2116, 2117, 2226, 2230X, 2231, 2232, 2233, 2239, 2240, 2245, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2257, 2258, 2259, 2262, 2264, 2315, 2317, 2318, 2323, 2325, 2327, 2328, 2329, 2330, 2332, 2337, 2343, 2525, and 2528 (see Figure 1).
- Tower foundation drilling activities occurred at Towers 2135, 2137, 2137, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2323, 2324, 2326X, 2327, 2329, 2330, 2337, 2338, 2343, and RB2-4E.
- Tower foundation concrete pouring activities occurred at Towers 2128, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2315, 2323, 2327, 2330, 2337, 2338, and 2343.
- Tower assembly and/or steel deliveries occurred at Towers 2020, 2100, 2101, 2102, 2103, 2104, 2106, 2131, 2406, 2408, 2409, 2410, 2411, 2426, 2436, 2441, 2445, 2522, 2523, 2524, 2526, 2527, 2528, 2529, 2530, 2532, 2533, RB1-2E, RB1-5E, and RB2-5E.
- Shaker plates, trench plates, and/or rock base were installed along necessary spur roads and the right-of-way (ROW) access road at various locations between Dillon and Frontage Roads, and along Gasline and Chuckwalla Roads (see Figure 2).
- Potholing on the access road occurred near Towers 2201, 2207, 2218, and 2219.

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Towers 1003, 1020, and H-1X.
- Maintenance of BMPs occurred at Towers 1002 – 1010, 1012, 1017, 1020, 1021, 1023, 1029, 1058, 1060, 1071, 1074, and 1076.
- Vegetation clearing occurred at Tower 1035.
- Tower foundation drilling occurred at Towers 1012, 1020, 1023, 1030, 1031, 1071, 1073, 1083, 1085, and 1095 (see Figure 3).
- Tower foundation concrete pouring activities occurred at Towers 1020, 1023, 1031, 1073, and 1085.
- Tower assembly and steel deliveries occurred at Tower 1011, 1012, 1014, and 1023.
- Shaker plates, trench plates, and/or rock base were installed at intersections of the ROW and Coyote Trail, Death Valley Road, Del Rita Road, Chipmunk Trail, Porter Street, and Old Idyllwild Road.
- Potholing on the access road occurred near Towers 1150 and 1152.

USFS Land

- Equipment was removed from Tower 1043.

Environmental Compliance

- Per the requirements of the Paleontological Monitoring and Treatment Plan, approved paleontological monitors were present during grading and foundation drilling activities where required throughout the subject period.
- The CPUC EMs confirmed that approved desert tortoise Authorized Biologists were available at all applicable sites.
- Coachella Valley fringe-toed lizard Authorized Biologists conducted biological sweeps for Coachella Valley fringe-toed lizards prior to construction at all applicable tower sites and were available at all applicable sites.
- On June 25, the potholing crew was observed hand digging within an established nesting bird Environmentally Sensitive Area (ESA) near Tower 1151. The Biological Monitor informed them that they were observed working within an established ESA. The crew had completed work and vacated the ESA.
- On June 25, the CPUC EM identified an unapproved road near Tower 2303 where gravel road base had been installed (see Figure 4). The CPUC EM immediately notified the CPUC Lead EM and the SCE Environmental Coordinator (EC) was contacted. Consequently, the CPUC issued Non-Compliance Report (NCR) #4 on July 2, which included conditions to coordinate with the landowner to find a resolution for the road base removal.
- During the subject period, inadequately covered foundation excavations were observed at Towers 1073, 2015 (see Figure 5), 2204, 2205, and 2443.
 - Upon inspecting Tower 2443 later the same day of the observation, Biologist Monitors reported that the conditions had not changed and unidentified wildlife were detected at the bottom of one of the foundation holes. The following morning, two live traps were lowered into the hole and a little pocket mouse (*Perognathus longimembris*) and unidentified rodent were successfully rescued.
 - On June 28, onsite Biological Monitors observed that the foundation holes were inadequately covered at Towers 2204 and 2205. The SCE Field Lead was notified about Tower 2205. No action was taken until June 29 for Tower 2204 when the Monitor informed the crew of the incident. To date, SCE has not provided the CPUC with how the incident at Tower 2205 was resolved.
- On June 26, the onsite Biological Monitor observed a concrete truck cutting the corner where the stub road meets the access road at Tower 2134. The driver was informed of the non-compliance and immediately moved within the limits of the road. Minor impacts, including tire tracks in sandy soil, were observed. On June 28, CPUC LEM observed an area along the road between Towers 2204 and 2205 where a drill rig had driven outside of the approved road width (see Figure 6). This area is within the Coachella Valley Preserve. The SCE EC was immediately notified of the incident. To date, SCE has not recorded this as an incident.
- On June 27, the SCE General Monitor observed that no containment was observed under the concrete testing area. An ice chest with concrete samples was left uncovered and leaking from the bottom at Tower 2131. No construction activity or crews were onsite. According to the FRED incident, there has been an ongoing issue with the concrete testing area not having proper containment per the SWPPP. To date, SCE has not provided the CPUC with a resolution to this incident.
- On June 28, a Biological Monitor observed that the gate accessing Tower 2203 within the Coachella Valley Preserve was left open and unattended. According to APM B-34, all gates in the Preserve must remain closed. This topic has been discussed at each morning tailboard. The gate was closed by the Biological Monitor and the crews will be continually reminded during tailboard meetings.

- On June 28, the CPUC EM notified the SCE General Monitor of concerns associated with tower hardware placed on top of straw wattle BMPs at Tower 2409 (see Figure 7). The SCE General Monitor contacted the SWPPP Coordinator who confirmed that the hardware should not be staged in a manner that could damage BMPs. The SCE General Monitor notified the contractor and the hardware was relocated to another area within the disturbance limits.
- During the subject period, three non-reportable spills occurred at Towers 1095, 2116, and 2327. The spills consisted of chloride inhibitor (BNC), diesel fuel, and oil. For each spill occurrence, the contaminated soil was removed offsite for proper disposal.
- On June 30, a water truck entered tower site 2103 prior to the site being swept for biological resources. The onsite Biological Monitor was in the process of surveying tower site 2102 and observed the water truck entering the site. No impacts to plants or wildlife from the watering were found.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Substation Construction and Upgrade activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (Other than CPUC EMs):

None.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity

1. Colorado River Substation (CRS) (BLM Lands) – Activities associated with the development of the CRS site included the closeout of grading and the ongoing installation of drainage structures, wall panels, and jute netting. The removal of BMPs along the completed access road was initiated during the subject period.
2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – Activities associated with the expansion of the existing Series Capacitor site included site grading, ground wire trenching, and foundation construction (see Figure 8).
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, installation of drainage structures, and rock crushing of native fill. Well development, involving pumping of the well, continued throughout the subject period. Activities that were conducted along the primary access road between Corn Springs Road and the substation eastern access road included grading, installation of gravel road base, and culvert and drainage improvements (see Figure 9). BMP installation and maintenance continued, as required.
5. Devers Substation – Soil that had been stockpiled within the existing substation was moved by a dump truck and a skip loader into the expansion area and graded and compacted (see Figure 10). Concrete was also removed from areas within the existing substation to accommodate a new road that will be built.

Environmental Compliance

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS, the Red Bluff Substation, Devers Substation, and the Series Capacitor sites.

- The SCE Biological Monitor expressed repeated concerns to the SCE Construction Site Representatives and SCE Assistant EC throughout the subject period related to an accumulated debris pile in the northwest portion of the CRS site. According to the report prepared by the SCE Biological Monitor, the initial concern was relayed to the contractor on June 26. The construction waste was completely removed on July 10.
- On June 28, the SCE Biological Monitor reported that a delivery truck arrived at the CRS site prior to the morning tailboard meeting and without any notification. The SCE Biological Monitor had already swept the site; however, the SCE Biological Monitor informed the SCE Construction Site Representative that the monitors need to be provided with notification for any activities that are scheduled to occur prior to the morning tailboard meeting so that a proper biological sweep of the site would be assured.
- On June 28, the CPUC EM confirmed that an appropriate buffer, including onsite signage, was installed for an active nest that was identified during monitoring activities associated with the Red Bluff access road. The area where the nest was observed had recently been subject to major construction activities associated with drainage crossing improvements. All work in the area was appropriately stopped.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Substation Construction and Upgrade activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (Other than CPUC EMs):

None.

CONSTRUCTION YARDS AND OTHER WORKSPACES

Summary of Activity:

Non-Federal Lands:

Blythe Yard (Material Yard/Contractor Show-Up Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, material deliveries, temporary storage of construction equipment and materials, and worker vehicle parking.

Desert Center 1 Yard (Material Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Desert Center 2 Yard (Material Yard/Contractor Show-Up Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, material deliveries, temporary storage of construction equipment and materials, and worker vehicle parking.

Chiriaco Summit Yard (Material Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Indio Yard (Material Yard) – No construction activities occurred during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Indio 2 Yard (Material Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries.

Devers Yard (Material Yard) – No construction activities were conducted during the subject time period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

Devers 2 Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, temporary storage of construction equipment and materials, and worker vehicle parking.

Beaumont Yard (Material Yard) - No construction activities were conducted during the subject time period. Activities are limited to minor maintenance, implementation of BMPs, and material deliveries. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

Beaumont 2 Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, temporary storage of construction equipment and materials, and worker vehicle parking.

Menifee Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. Activities are limited to minor maintenance, implementation of BMPs, temporary storage of construction equipment and materials, and worker vehicle parking. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

Perris Yard (Contractor Show-Up Yard) – No construction activities were conducted during the subject period. This yard is not currently being utilized.

Environmental Compliance:

- SCE Biological Monitors conducted biological sweeps at all construction yards throughout the subject period.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Construction yard activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (Other than CPUC EMs):

None.

CPUC/BLM NOTICES TO PROCEED (NTPS)

Table 1 summarizes the CPUC/BLM Notices to Proceed (NTPs) for the DPV2 and Red Bluff Projects, to date.

TABLE 1
NTPs
(Updated 08/06/12)

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|------------------|-------------------|----------------|-----------------------------------|--|
| CPUC NTPs | | | | |
| NTP #1 | 04/28/11 | 06/23/11 | Yards | Authorization to proceed with the development of the Devers, Desert Center 1, Desert Center 2, Summit, Blythe, Perris, Beaumont, and Menifee Construction Yards. |
| NTP #2 | 08/05/11 | 09/09/11 | T/L | Installation of exclusionary fencing, Devers to Blythe. No cultural resources affected. Bio pending. |
| NTP #3 | 08/26/11 | 09/19/11 | Yards | Construction of Beaumont Construction Yard #2. |
| NTP #4 | 09/09/11 | 09/20/11 | Yards | Construction of Indio Construction Yard. |
| NTP #5 | 09/16/11 | 10/11/11 | Red Bluff Distribution Line | Upgrades to a segment of the existing SCE 12 kV circuit overhead distribution line to supply light and power to the Red Bluff Substation, non-BLM lands. |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|------------------|-------------------|-----------------|---------------------------------|--|
| NTP #6 | 09/16/11 | 10/17/11 | Substation | Authorization to proceed with improvements to the new Colorado River Substation on private lands, including extension of the existing 33 kV distribution line, installation of a new telecommunication line, and access road improvements. |
| NTP #7 | 09/09/11 | 12/01/11 | T/L – DPV1 | Construction activities associated with a minor relocation of the Devers-Valley No. 1 Line (DV1). |
| NTP #8 | 10/08/11 | 12/02/11 | T/L – CRS to Red Bluff | Construction of the DPV2 transmission line between Red Bluff and Colorado River Substations and replacement of existing DPV1 overhead ground wire; non-BLM lands. |
| NTP #9 | 10/08/11 | 12/02/11 | T/L – Devers to Red Bluff | Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands. |
| NTP #10 | 10/08/11 | 12/02/11 | T/L – Devers to Valley | Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands. |
| NTP #11 | 11/08/11 | 12/10/11 | Yards | Construction of Devers 2 and Indio 2 Construction Yards. |
| NTP #12 | 01/20/12 | 02/03/12 | Yards | Construction of Desert Center 3 Construction Yard. |
| NTP #13 | 04/12/12 | 05/09/11 | Substation | Devers Substation upgrades |
| NTP #14 | 06/13/12 | 06/20/12 | Substation | Valley Substation upgrades |
| | 06/19/12 | Under Review | T/L- Devers to Valley | H10- Helicopter Landing Zone |
| | 07/16/12 | Under Review | Substation | Colorado River Substation to Blythe South East Telecommunication Route |
| BLM NTPs | | | | |
| BLM NTP #1 | 08/26/11 | 09/19/11 | DPV2 Substation, T/L | Authorization to proceed with construction of the DPV2 Transmission Line, Colorado River Substation, and associated project components on BLM lands. |
| BLM NTP #2 | 08/26/11 | 09/19/11 | Substation | Construction of Red Bluff Substation and associated project components, BLM lands. |

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

Table 2 presents Variance Requests submitted to CPUC, BLM and/or USFS for review and approval. Table 3 presents CPUC Temporary Extra Workspace (TEWS) and BLM Level 1 requests that are submitted to the CPUC EMs for review and approval. Variance Requests and CPUC TEWS/BLM Level 1 requests submitted to date are summarized in Tables 2 and 3, respectively.

TABLE 2
VARIANCE REQUESTS
(Updated 08/06/12)

| Variance Request | Date Requested | Date Issued | Segment | Description |
|--|----------------|-------------|--|---|
| Private Lands (CPUC Jurisdiction) | | | | |
| VR #1 | 05/06/11 | 05/24/11 | Devers-Valley | Construction of traditional lattice towers instead of "Tetra" towers at two locations (Structures #1139 and #1140) |
| VR #2 | 04/21/11 | 05/26/11 | All | Revisions to Mitigation Measure B-7d pertaining to seasonal restrictions for Coachella Valley fringe-toed lizard and flat-tailed horned lizard to support consistency with conditions provided in the Biological Opinion. |
| VR #3 | 07/12/11 | 07/18/11 | DC 1 & DC 2 Yards | Utilize offsite well location and installation of 12,000-gallon water tank for filling trucks. |
| VR #4 | 07/06/11 | 07/21/11 | Menifee Yard | Expansion of Menifee Construction Yard, which would include approximately 5 acres of additional disturbance within the western portion of the parcel, for material storage and other activities. |
| VR #5 | 04/22/11 | 07/28/11 | CRS Devers and Valley Substations, Series Capacitor Site | Modification of APM A-7 regarding carpooling for construction at substations. |
| VR #6 | 07/07/11 | 08/01/11 | Menifee, Beaumont, Perris Yards | Request to remove Mitigation Measures B-13a and B-13b, and to modify B-1a, B-1a (revised), and B-7e pertaining to Western Riverside County MSHCP compliance. |
| VR #7 | 08/11/11 | 08/22/11 | Perris, Beaumont, Menifee, Blythe Yards | Request to utilize offsite water hydrants at Perris, Beaumont, Menifee, and Blythe Construction Yards. |
| VR #8 | 08/26/11 | 08/27/11 | Beaumont Yard | Request to install seeded jute netting along the property frontage at Beaumont Construction Yard. |
| VR #9 | 08/24/11 | 09/01/11 | DC 2 Yard | Request for installation of temporary power poles outside of Desert Center 2 Construction Yard. |
| VR #10 | 08/26/11 | 09/01/11 | Devers & Summit Yards | Utilize offsite water locations needed for dust suppression at Devers and Summit Construction Yards. |
| — | 09/21/11 | Retracted | Perris Yard | Request for additional workspace involving vegetation clearing, installation of BMPs, and temporary driveway installation at Perris Construction Yard. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------------|--------------------|--------------|---|
| VR #11 | 09/26/11 | 09/28/11 | T/L | Two water sources for exclusionary fencing work. |
| VR #12 | 10/13/11 | 10/18/11 | T/L | Request for parking/temporary staging of vehicles along existing access road within the Coachella Valley Preserve during exclusionary fencing activities. |
| VR #13 | 10/26/11 | 11/10/11 | Devers Yard | Request for temporary power supply to provide power to construction trailer at the Devers #1 Construction Yard. |
| VR #14 | 11/10/11 | 11/28/11 | Substation | Request for increased well pumping to support civil work, including access road improvements, at Colorado River Substation. |
| VR #15 | 12/13/11 | 12/14/11 | Summit Yard | Request for temporary power outside yard boundaries required to power office trailers. |
| VR #15 Mod | 04/25/12 | 05/02/12 | Summit Yard | Request for temporary power modification. |
| VR #16 | 12/22/11 | 01/04/12 | Project-wide | Request to approve alternate/extended work hours project-wide. |
| VR #17 | 01/04/12 | 01/09/12 | Project-wide | Request to utilize existing approved construction yard and/or exclusionary fencing water sources for transmission line construction needs. |
| VR #18 | 10/25/12 10/26/12 | Denied 01/13/12 | Substation | Request to formalize changes to the Red Bluff MMCRP Mitigation Measure BIO-4 and Applicant Measure BIO-5. |
| VR #19 | 01/06/12 | 01/18/12 | T/L | Request to allow the usage of helicopter landing zone H9-DV as a replacement for H8-DV. |
| VR #20 | 01/13/12 | 01/19/12 | T/L | Request for the use of offsite water hydrants located in the Cabazon area for dust suppression. |
| VR#21 | 01/20/12 | 02/02/12 | T/L | Request for the use of offsite water hydrants located in the Lake Tamarisk area for dust suppression |
| VR #21 Mod | 03/16/12 | 03/21/12 | T/L | Modification to VR #21. Request installation of two driveways and an underground water line adjacent to the approved stand tank locations at the Lake Tamarisk Resort water source. |
| VR #22 | 01/25/12 | 02/02/12 | T/L | Request to install 10,000-gallon standing water tanks at three locations. |
| VR #23 | 01/27/12 | 02/21/12 | T/L | Request to modify NTP #10 and MM AQ-1g for additional t-line helicopter construction. |
| VR #24 | 02/08/12 | 02/21/12 | T/L | Request for approval to purchase MWD water credits in lieu of Colorado River water credits due to the unavailability of water allotments within the Colorado River Basin. |
| VR #25 | 02/10/12 | 02/28/12 | T/L | Request for use of existing DPV1 access roads and spur/stub roads for parking and staging of vehicles and equipment. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|--------------|------------------|--|
| VR #26 | 03/09/12 | 03/16/12 | Substation | Request for the use of offsite water source located on a private date farm. |
| VR #27 | 03/09/12 | 03/20/12 | Substation | Request for the use of offsite water source located off Corn Springs Road. |
| VR #28 | 03/22/12 | 03/30/12 | T/L | DPV2 Gas Line Road. |
| VR #29 | 03/22/12 | 04/04/12 | T/L | DVP1 minor relocation of outage pull sites. |
| VR #30 | 03/23/12 | 04/10/12 | Substation | CRS pull sites. |
| VR #31 | 04/24/12 | 05/05/12 | T/L | Helicopter landing zone H2 disturbance area revision |
| VR #32 | 03/16/12 | 05/08/12 | T/L | HLS H7-DV boundary modification. |
| VR #33 | 04/26/12 | 5/17/12 | T/L | Additional water hydrant locations |
| VR #35 | 05/11/12 | 05/15/12 | Substation | Request to eliminate construction screening of the Devers Substation Expansion area. |
| VR #36 | 05/17/12 | 05/29/12 | T/L | Three additional water stand tanks from Devers to Red Bluff |
| VR #37 | 06/20/12 | 06/30/12 | T/L | Request a disturbance area shift for Tower 1013 due to engineering changes. |
| | 04/12/12 | Under review | T/L | Preconstruction survey extension request from 14 days to 30 days |
| | 07/09/12 | Under Review | T/L | Request for additional water source locations in the Thousand Palms area. |
| | 07/24/12 | Under Review | T/L | APM A-6 - Eliminate tarping on bottom dump trucks |
| BLM | | | | |
| BLM #1 | 10/18/11 | 10/27/11 | Substation | Request to install a temporary guard structure along the entrance of the existing transmission line access road for Colorado River Substation. |
| BLM #2 | 10/19/11 | 10/27/11 | Substation | Request to approve 24-hour drilling operations at the CRS site. |
| BLM #3 | 01/24/12 | 02/28/12 | Red Bluff | Rock Crushing |
| BLM #4 | 03/16/12 | 03/30/12 | Substation | Red Bluff Loop-in pull site modifications. |
| BLM #5 | 03/22/12 | 05/18/12 | T/L | DPV2 Gas Line Road. |
| BLM #6 | 03/23/12 | 04/10/12 | Substation | CRS pull sites. |
| BLM #7 | 03/28/12 | 04/11/12 | Substation | Request for HLZ (helicopter landing zone) at Red Bluff Loop-in Tower site RB1-2W. |
| BLM #8 | 04/06/12 | 05/16/12 | Substation | Additional water sources @ Red Cloud Road, Red Bluff Substation. |
| DNA #1 | 10/27/11 | 12/07/11 | Series Capacitor | Request for a slight expansion of the Series Capacitor site due to engineering conflicts. |
| DNA #2 | 12/21/11 | 02/01/12 | Red Bluff | Request to install secondary well at Red Bluff Substation site. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|--------------|--------------------|--|
| DNA #3 | 12/22/11 | 05/24/12 | Series Capacitor | Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site. |
| DNA #4 | 02/01/12 | 05/24/12 | T/L | Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents. |
| DNA #5 | 03/05/12 | 5/22/12 | Red Bluff Loop-ins | Request to revise road locations. |
| DNA #6 | 04/04/12 | 04/17/12 | Substation | Red Bluff Substation access road realignment. |
| DNA #7 | 04/12/12 | 5/22/12 | Series Capacitor | Certain activities to be constructed within the footprint of the Series Capacitor bank. |
| DNA #8 | 05/02/12 | 07/31/12 | T/L | Additional access route between Towers 2528X and 2527. |
| DNA #9 | 05/19/12 | 06/15/12 | CRS | Request for a permanent turning radius along the CRS access road. |
| DNA #9 | 06/04/12 | 06/15/12 | CRS | 300-foot driveway along the CRS access road. |
| DNA #11 | 07/02/12 | 07/31/12 | T/L | A Level 2 Variance request for a disturbance area shift at Tower 1013 due to engineering changes. This tower is located on BLM land. |
| | 04/04/12 | Under review | T/L | Request for a HLZ and temporary disturbance area shifts near CRS. |
| | 06/18/12 | Under Review | Substation | Request to build a telecom site near Desert Center for Red Bluff Substation |
| | 07/24/12 | Under Review | T/L | APM A-6 - Eliminate tarping on bottom dump trucks |
| | 07/30/12 | Under Review | Substation | DNA for Colorado River Substation Telecommunication Distribution Line |
| USFS | | | | |
| USFS-1 | 03/15/12 | 3/20/12 | T/L | SBNF engineering modifications (revised disturbance areas). |

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 08/06/12)

| TEWS Request | Date Requested | Date Approved | Segment | Description |
|--------------|----------------|---------------|-------------------|--|
| CPUC | | | | |
| #1 | 07/20/11 | 07/27/11 | Blythe Yard | Use of offsite hydrant and installation of water tank at location adjacent to Blythe Construction Yard |
| #2 | 07/28/11 | 08/04/11 | Menifee Yard | Use of offsite hydrant, located along the frontage of the Menifee Construction Yard, and a flexible hose to supply water to a 4,000 gallon water truck. |
| #3 | 08/16/11 | 08/16/11 | Menifee Yard | Revised use of offsite hydrant, located along the frontage of the Menifee Construction Yard, approximately 200 yards north of previously approved location. |
| — | 09/06/11 | Retracted | Devers Yard | Revised use of offsite hydrant, including installation of above ground pipeline and water towers. |
| #4 | 09/29/11 | 09/29/11 | T/L | Use of parking areas along primary access road within 400-ft total distance exclusionary fencing locations with exception of sites within the Coachella Valley Preserve. |
| #5 | 07/13/12 | 07/17/12 | T/L | Request to use two existing access roads near Tower 1118 and 1119. |
| #6 | 07/31/12 | 08/03/12 | T/L | Request to use an existing access road to Tower 1122 |
| #7 | 08/01/12 | 08/03/12 | T/L | Request to use an existing access road to H9 |
| BLM | | | | |
| Level 1 #1 | 06/6/12 | 06/11/12 | Red Bluff Loop In | RB1-4E disturbance area shift. |
| Level 1 #2 | 07/12/12 | Under Review | T/L | Request for two stand tank locations. |

NON-COMPLIANCES & INCIDENTS

Table 4 provides a summary of reported non-compliance incidents.

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
(Updated 08/06/12)

| Type | Date Issued | Location | Description |
|------------------------------------|-------------|-----------------------|---|
| CPUC Project Memoranda (PM) | | | |
| PM #1 | 10/28/11 | CRS Dist. Line | Construction vehicles leaving marked disturbance limits at two locations along CRS distribution line. |
| PM #2 | 01/18/12 | Tower 2649/ CR1-2W | DPV2 Construction contractor vehicle driving outside of the approved tower and access road disturbance area limits. |
| PM #3 | 03/08/12 | Tower 1059 & 1060 | Failure to comply with MM B-5 which requires that 300-foot buffers are established around active bird nests. Working within unapproved active nest buffers. |

| Type | Date Issued | Location | Description |
|--|-------------|---|--|
| PM #4 | 04/04/12 | Tower 2515, 2520, & 2526 | Impacts to desert pavement at Towers 2520 and 2526 by not implementing one of the approved methods stated in the revised Desert Pavement Plan. Impacts to desert tortoise habitat when a road was built near Tower 2515 that was not approved. |
| PM #5 | 04/18/12 | Along the main access road near Red Bluff | Excessive fugitive dust observed on multiple locations along the main access road near Red Bluff Substation. Violation of MM AQ-1a. |
| PM #6 | 05/08/12 | Along the T/L access roads | Construction vehicles observed driving off the approved access road limits at various locations along the T/L. |
| PM # 7 | 06/01/12 | Near Tower 2317 | Two stand tanks were installed in an area that was not approved for the Project along the access road near Tower 2317. |
| PM #8 | 06/01/12 | Along the access road near Tower 2310 | Road base was installed along a portion of the access road to protect the utility crossing south of Tower 2310. This work was completed prior to the pre-construction verification and release of this road from the CPUC. |
| PM #9 | 06/19/12 | Tower 2126 | Inadequate covering of foundation excavations at Tower 2126. Violation of BO-13. |
| CPUC Non-Compliance Reports (NCR) | | | |
| NCR #1 | 01/13/12 | Project-wide | Unapproved removal of stick nests from DPV1 Transmission Line towers. |
| NCR #2 | 05/18/12 | Tower 2333 | Failure to protect wildlife during construction which resulted in the death of a kit fox. |
| NCR #3 | 06/04/12 | Near Tower 2310 | Road base was installed at two locations along the access road to protect the utility crossings near Tower 2310. This work was completed prior to the pre-construction verification and release of this road from the CPUC. |
| NCR #4 | 07/02/12 | Near 2303X | Road base installed along a portion on a road not approved for the Project. |
| NCR #5 | 07/02/12 | Near 2204 and 2205 | Project equipment drove outside the approved road width along the access road near Towers 2204 and 2205. These towers are located within the Coachella Valley Preserve. |
| NCR #6 | 07/06/12 | Near Tower 1083 | Project equipment drove outside the existing road width along the access road near Tower 1083. |
| NCR #7 | 07/12/12 | Tower 2437 | Inadequate covering of a foundation excavation at Tower 2437. Violation of BO-13. |
| NCR #8 | 07/23/12 | Near Tower 2604 | Project equipment drove outside the approved road limits along Chuckwalla road west of Tower 2604. |

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
(As of 07/28/12)

| Agency | Total | Released for Construction | Foundations Completed | Towers Erected | Wire Installed |
|---------------------------------|------------|---------------------------|-----------------------|----------------|----------------|
| Non Federal (CPUC) | 350 | 222 | 152 | 20 | 0 |
| Bureau of Land Management (BLM) | 204 | 186 | 105 | 13 | 0 |
| US Forest Service (SBNF) | 12 | 12 | 0 | 0 | 0 |
| Total | 566 | 420 | 257 | 33 | 0 |

PROJECT PHOTOGRAPHS



Figure 1. Excavating and grading activities for the spur road into Tower 2117.



Figure 2. Installation of trench plates along the spur road to Tower 2415.



Figure 3. Foundation drilling activities at Tower 1071.



Figure 4. Gravel road base installed along an unapproved road near Tower 2303.



Figure 5. Inadequately covered foundation excavation at Tower 2015.



Figure 6. Impacts outside of the approved access road width between Towers 2204 and 2205 within the Coachella Valley Preserve.



Figure 7. Tower hardware placed across BMPs at Tower 2409.



Figure 8. Trenching for ground wire installation at the Series Capacitor site.



Figure 9. View west along Red Bluff access road where gravel road base has been installed.



Figure 10. Stockpiled soil being transported from within the existing Devers Substation to the expansion area.