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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: July 17, 2012
Subject: Weekly Report 48, June 11 to June 17, 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 2534, 2535, 2541, and 2546.
2. Red Bluff Substation to Devers Substation
 - BMPs were installed at Towers 2108, 2119, 2202, 2205, 2209, 2210, 2211, 2212, 2213, 2214, 2218, 2219, 2220, 2245, 2247, 2249, 2250, 2252, 2253, 2257, 2259, 2260, 2262, 2263, 2266ALTX, 2307, 2443, 2450, 2451, 2455, 2456, 2458, 2500, and 2501.
 - Vegetation clearing occurred at Towers 2116, 2117, 2208, 2209, 2210, 2211, 2212, 2214, 2218, 2245, 2247, 2249, 2251, 2252, 2253, 2254, 2255, 2256, 2259, 2260, 2262, 2263, 2503, 2504, 2505, 2506, 2507, 2508, 2509, and RB1-2E.
 - Desert pavement salvage occurred at Towers 2249, 2250, and 2251.
 - Soil salvage for special status plants and/or vegetation communities occurred at Towers 2116, 2117, 2218, 2504, and 2505.
 - Spur road and crane pad grading occurred at Towers 2100, 2101, 2102, 2108, 2112, 2113, 2114, 2115, 2116, 2117, 2119, 2136, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2210, 2211, 2218, 2250, 2251, 2256, 2257, 2258, 2263, 2314, 2315, 2316, 2317, 2329, 2503, 2504, 2505, 2506, and RB2-3E.
 - Tower foundation drilling activities occurred at Towers 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2122, 2123, 2124, 2249, 2318, 2319, 2322, 2323, 2326ALT, and 2326X.



- Tower foundation concrete pouring activities occurred at Towers 2112, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2122, 2123, 2318, 2319, 2322, 2323, 2326X, and 2519 (see Figure 1).
- Tower assembly and/or steel deliveries occurred at Towers 2009, 2017, 2018, 2019, 2527, 2529, 2531, RB1-2E, RB2-5E, and RB2-1W.
- Shaker plates and rock base were installed at several road locations, including the entrances to the right-of-way (ROW) at Rice Road, Eagle Mountain Road, Red Cloud Road, Dillon Road, and at various locations along Gasline Road between Rice and Red Cloud Roads.

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Tower 1030 and Helicopter Landing Zones H1A and H1X (see Figure 2).
- Tower foundation drilling occurred at Towers 1017 and 1029.
- Tower foundation concrete pouring activities occurred at Towers 1011, 1016, 1017, and 1029.
- Tower assembly and steel deliveries occurred at Tower 1009.
- Potholing on the access road occurred near 1025, 1093, 1128, and 1131.

USFS Land

- Vegetation clearing and BMP installation occurred at 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 milk-vetch Authorized Biologists conducted biological sweeps for Coachella Valley Milk-vetch prior to construction and monitored topsoil salvage at all applicable tower 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 11, the SCE Biological Monitor observed and reported a water truck with its wheels outside of approved disturbance limits along the ROW access road approximately one-half mile east of Red Bluff Substation.
- On June 11, water was not applied to the ROW prior to construction crews entering the sites between 2132 and 2112. Fugitive dust was observed exiting the Project boundaries along the ROW from construction vehicle traffic. The SCE General Monitor contacted the contractor foreman to inform him that fugitive dust was observed and water had not been applied to the ROW. The foreman contacted the water truck driver and instructed him to water the ROW immediately.
- While driving the ROW access road on June 12, the CPUC EM observed grading activities, associated with reengineering the crane pad, occurring at Tower 2527. The Plan of the Day (POD) indicated that only assembly activities were scheduled for the day at this location. Upon arriving at the site, the CPUC EM was met by the SCE Biological Field Lead. The SCE Biological Field Lead stated that there was no notification that grading activities would be occurring at Tower 2527 and that he had followed the crew to the site only after intercepting them along the ROW access road and asking where they were working. According to the Historic Properties Management Plan (HPMP), an

Archeological and Tribal Monitor are required for any ground-disturbing activities at Tower 2527. However, due to the failure to notify the appropriate personnel, neither was present during the grading activities on June 12. Consequently, SCE dispatched an Archeological Monitor to inspect the site after grading activities were completed and it was confirmed that there were no impacts to archeological resources as a result of these activities. In addition to the monitoring issues, it was also determined that the grading crew had spread soils on top of desert pavement within the temporary disturbance area. Upon subsequent inspection of the site, the SCE General Monitor determined that approximately 2,000 square feet of desert pavement was covered with soil. As a result, the desert pavement map for Tower 2527 was altered to reflect the area impacted.

- The SCE Biological Monitor associated with concrete foundation pouring at Tower 2326X on June 12 reported that, after parking for long periods of time while waiting for crews to be ready, not a single concrete truck driver was observed inspecting underneath their vehicles for wildlife before moving from a parked position.
- During a spot check at Tower 2323 on June 12, the CPUC EM observed inadequate covering of the recently drilled foundation holes (see Figure 3). The CPUC EM notified the SCE Biological Field Lead who confirmed that the drilling crew would return to the site that day to resolve the issue.
- On June 12, the SCE General Monitor observed minor damage to Snow Creek Road at the ROW access to Tower 1029 (see Figure 4). Damage incurred during the mobilization of the drill rig from this location to Tower 1029. The biological monitor assigned to the crew at Tower 1029 confirmed to the General Monitor that the damage along Snow Creek Road was incurred during mobilization of the drill rig from the lowboy to Tower 1029. The General Monitor concluded that this damage would not require immediate attention, but should be repaired by the end of the project.
- On June 12, the SCE General Monitor observed a crew leaving Tower 1029 to pick up additional equipment at another site. The monitor observed a drill rig and a water buffalo parked onsite without any form of secondary containment. The General Monitor spoke with the contractor's environmental team regarding the need for drip pans under equipment. It was indicated that the issue would be brought up with the crew and drip pans would be placed underneath the equipment prior to exiting the site for the day.
- On June 12, the SCE General Monitor observed concrete testing occurring outside of the approved work area for Tower 2115. It was determined that for situations where vehicle access is very limited, crews will perform concrete testing at an alternative approved work site.
- On June 13, CPUC EM observed vehicles parked outside of approved project boundaries at Tower 2120 (see Figure 5). The onsite Monitor was unaware of the project limits until the CPUC EM asked to see their maps. The CPUC EM contacted the SCE Environmental Coordinator (EC) about the incident. Before the CPUC EM left the area the vehicles were moved within project boundaries.
- Upon arriving onsite at Tower 2322 on June 14, the CPUC EM observed a vehicle parked in an unapproved area. The CPUC EM notified the SCE Biological Monitor who immediately relayed the message to the vehicle owner and the vehicle was moved to an approved area. The SCE Biological Monitor also reported that several vehicles had been parked in the unapproved area throughout the day. "No Parking" signs were later installed at this location.
- On June 14, the SCE General Monitor conducted spot checks of several sites along the ROW. The Monitor observed loose and broken concrete spoils near footings at Towers 2016, 2017, 2018, 2019, and 2020. Towers 2015, 2017, 2018, and 2019 all had loose plastic that has either been left behind or not disposed of properly. SCE site representatives and Environmental were notified to have the contractor return to these sites to properly dispose of all construction waste.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Transmission Line 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) – Ongoing activities associated with CRS that occurred during the subject period included civil work associated with drainages, wall panel erection, jute netting and mulching of slopes, and paving at the substation site. BMPs were installed and/or maintained as appropriate within the substation work limits and along the access road.
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, perimeter fence installation, trenching for ground wire within the existing fence limits, foundation drilling, concrete pouring, and equipment and material staging (see Figure 6).
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, establishing a laydown yard, 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 and culvert and drainage improvements. BMP installation and maintenance continued, as required.
5. Devers Substation – Activities included pouring concrete and finishing foundations at Towers 2000A and 200B. Work at the Devers Substation began with cutting the fence to install a gate for access to the expansion area. Crews also installed BMPs and began staging equipment for the expansion work (see Figure 7).

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.
- While meeting with one of the SCE Biological Monitors for the Red Bluff Substation on June 11, the CPUC EM and the SCE Biological Monitor observed a water truck traveling eastbound along the access road at speeds in excess of the 15 mph project limit. The SCE Biological Monitor notified the construction foreman and requested that project speed limits be maintained. The SCE Biological Monitor reported that vehicles observed the speed limit throughout the remainder of the day.
- The CPUC EM observed excessive track-out at the intersection of Chuckwalla Road and Corn Springs Road (entrance to Red Bluff Substation) on June 12. The issue was relayed to the SCE General Monitor and the area was broom-swept the same day.
- The CPUC EM observed a water buffalo with no lid at the Series Capacitor site on June 12 (see Figure 8). The SCE Biological Monitor was notified and the requirement to maintain covers on any open water sources was relayed to the site foreman.
- On June 13, the SCE General Monitor for the Series Capacitor site reported that a drill rig was parked for over an hour with no secondary containment. The drill rig was moved to a designated parking area with secondary containment by the end of the day.
- On June 13, the SCE General Monitor for the Series Capacitor site reported that, after pouring for the

curb around the site limits, the crew had not adequately cleaned excess concrete that had spilled even though they were notified. The construction site representative was contacted by the SCE Assistant Environmental Coordinator and the concrete was immediately removed.

- During drilling activities at the Series Capacitor site on June 13, the SCE General Monitor observed fugitive dust leaving the work limits. Upon notifying the site foreman, a crew member was staged at the drilling location to water as dirt was removed from the foundation. The foreman also confirmed that a water truck would be specifically assigned to the drill rig while in operation.
- On June 14, the SCE General Monitor for CRS reported that an excavator associated with the installation of the riprap channel was left overnight without secondary containment. The equipment was moved and the SCE General Monitor inspected the area and confirmed that no leaks were identified. The issue was relayed to the site foreman who stressed the importance of secondary containment during the subsequent tailboard meeting.
- On June 15, the SCE General Monitor for CRS observed a concrete washout basin filled to 75 percent capacity with dry concrete, preventing the lid from being properly installed. The site foremen were notified and the confirmed that the concrete would either be broken down or transferred to another basin so that the lid could be properly installed.

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 (see Figure 10).

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.
- During a spot check of the Blythe Construction Yard (PAR Construction) on June 11, the CPUC EM observed trash scattered throughout the yard (see Figure 9). The CPUC EM notified the SCE General Monitor who stated that he would check the site the same day. Upon arriving at the site, the SCE General Monitor identified trash, including metal bands, scattered 2x4 bearings, and plastic and paper products, scattered at various locations. The yard representative was made aware of these observations and reminded of project requirements for proper disposal and storage of trash onsite.
- On June 11, the CPUC EM observed a water truck that was parked in an unapproved area adjacent to the Blythe Yard. The CPUC EM notified the SCE General Monitor and the truck was immediately moved to an approved location.
- While attending an early morning tailboard meeting at the Summit Yard on June 11, the CPUC EM noted that the entrance gate to the yard was left open and unattended. The gate is to remain shut due to the yard's location within desert tortoise habitat. The CPUC EM notified the SCE Biological Field Lead who was also in attendance at the meeting. The SCE Biological Field Lead reminded crews that the gate is to be left shut at all times when not in use. While driving by the Summit Yard on June 12, the CPUC EM again observed the gate was being left open. The CPUC EM immediately contacted the SCE Biological Field Lead and SCE Subject Matter Expert to express the concern. The contractor had been informed of this issue on several occasions and the issue was repeatedly addressed during project conference calls. Consequently, signs that stated that the gate must remain shut were later installed and a guard was staged at the location.
- On June 13, the SCE General Monitor reported that equipment, including a skid steer and a forklift, was staged in the Summit Yard without secondary containment. The SCE General Monitor notified a yard representative and secondary containment was installed under each piece of equipment immediately.
- On June 14, the CPUC EM observed a vegetation chipper within the Devers 2 Yard without secondary containment (see Figure 10). The CPUC EM spoke with the SCE General Monitor who was also going to conduct a site visit later in the day and would address the issue with the contractor. The General Monitor also observed a flatbed crane without secondary containment and several unused drip pans that could have been utilized.

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 07/17/12)

| 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 #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 |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|------------------|-------------------|-----------------|-----------------------------|--|
| NTP #15 | 06/19/12 | Under Review | T/L- Devers to Valley | H10- Helicopter Landing Zone |
| 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 07/17/12)

| 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. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------------|--------------------|---|---|
| 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. |
| 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 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|--------------|------------|---|
| 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. |
| 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. |
| 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. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|--------------|--------------------|--|
| 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. |
| DNA #3 | 04/04/12 | 04/17/12 | Substation | Red Bluff Substation access road realignment. |
| DNA #5 | 03/05/12 | 5/22/12 | Red Bluff Loop-ins | Request to revise road locations. |
| DNA #7 | 04/12/12 | 5/22/12 | Series Capacitor | Certain activities to be constructed within the footprint of the Series Capacitor bank. |
| | 12/22/11 | Under review | Series Capacitor | Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site. |
| | 02/01/12 | Under review | 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. |
| | 04/04/12 | Under review | T/L | Request for a HLZ and temporary disturbance area shifts near CRS. |
| | 05/02/12 | Under review | T/L | Additional access route between Towers 2528X and 2527. |
| | 05/19/12 | Under Review | CRS | Request for a permanent turning radius along the CRS access road. |
| | 06/04/12 | Under Review | CRS | 300-foot driveway along the CRS access road. |
| | 06/18/12 | Under Review | Substation | Request to build a telecom site near Desert Center for Red Bluff Substation |
| | 07/02/12 | Under Review | 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. |
| 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 07/17/12)

| 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 | Under Review | T/L | Request to use two existing access roads near Tower 1118 and 1119. |
| 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 07/17/12)

| 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. |
| 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. |

| Type | Date Issued | Location | Description |
|--|-------------|---|---|
| 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 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. |

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

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

| Agency | Total | Released for Construction | Foundations Completed | Towers Erected | Wire Installed |
|---------------------------------|------------|---------------------------|-----------------------|----------------|----------------|
| Non Federal (CPUC) | 350 | 205 | 132 | 14 | 0 |
| Bureau of Land Management (BLM) | 204 | 178 | 67 | 9 | 0 |
| US Forest Service (SBNF) | 12 | 12 | 0 | 0 | 0 |
| Total | 566 | 395 | 199 | 23 | 0 |

PROJECT PHOTOGRAPHS



Figure 1. Concrete pouring occurring at Tower 2322.



Figure 2. Installation of gravel at the H1X Landing Zone. The gravel is being used as a BMP to prevent fugitive dust at the site.



Figure 3. Inadequate foundation hole covering at Tower 2323. Note open holes in wood planks allowing small wildlife to enter and become trapped.



Figure 4. Damage to Snow Creek Road from equipment mobilization near Tower 1029 (photo courtesy of FRED).



Figure 5. Vehicles parked outside of the approved access road or disturbance limits at Tower 2120.



Figure 6. Fencing installation at Series Capacitor site.



Figure 7. BMP installation for the Devers Substation Expansion Area.



Figure 8. Water buffalo with no lid observed at Series Capacitor site.



Figure 9. Scattered trash observed at Blythe Yard (PAR).



Figure 10. Vegetation chipper staged at the Devers 2 Construction Yard without proper secondary containment.