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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: July 6, 2012
Subject: Weekly Report 47, June 04 to June 10, 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
 - There were no major ground-disturbing activities conducted along this section of the right-of-way (ROW) during the subject period.
 - Tower assembly and/or steel deliveries occurred at Towers CR1-3E, CR1-4E, and CR1-5E.
2. Red Bluff Substation to Devers Substation
 - BMPs were installed at Towers 2117, 2130, 2131, 2204, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2250, 2251, 2254, 2255, 2256, 2257, 2320, 2317, 2318, 2319, 2426, 2457, 2507, and 2508.
 - Shaker plates and/or road base materials were installed at several locations along Gas Line Road and at entrances to the ROW and Dillon Road, Palm Road, Little Morongo Road, Varner Road, and Red Cloud Road.
 - Vegetation clearing occurred at Towers 2128, 2130, 2131, 2132, 2133, 2257, 2315, 2317, 2318, 2319, 2320, 2329, 2330, 2425, 2453, 2454, 2501, 2503, 2505, 2507, 2509, 2523, and 2544.
 - Desert pavement salvage occurred at Tower 2254, 2256, and 2257.
 - Soil salvage for special status plants and/or vegetation communities occurred at Towers 2116, 2117, 2131, 2132, 2329, and 2503.



- Spur road and crane pad grading occurred at Towers 2112, 2114, 2115, 2116, 2117, 2118, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2251, 2255, 2318, 2319, 2320, 2322, 22326, 2326ALT, 2327, 2328, 2330, 2337, 2338, 2426, 2432, and 2503.
- Tower foundation drilling activities occurred at Towers 2103, 2104, 2105, 2106, 2107, 2112, 2113, 2114, 2115, 2132, 2326, 2326ALT, 2343, 2344, and 2408.
- Tower foundation concrete pouring activities occurred at Towers 2020, 2100, 2101, 2102, 2103, 2104, 2105, 2107, 2113, 2326, 2326ALT, 2343, 2344, 2348, 2352, 2353, 2355, 2402, 2408, 2444, and 2448 (see Figure 1).
- Tower assembly and/or steel deliveries occurred at Towers 2002, 2004, 2005, 2009, 2016, 2017, 2018, 2019, 2529, 2530, 2531, 2532, RB1-4E, RB1-5E, and RB2-5E.
- Potholing on the access road occurred near Towers 2243.

3. Devers Substation to Valley Substation

Non-USFS Land

- Maintenance of BMPs occurred at Towers 1001, 1002, 1004, 1005, 1006, 1007, 1008, 1009, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, and 1030.
- Tower foundation drilling occurred at Towers 1006, 1010, 1012, 1014, 1016, and 1017.
- Tower foundation concrete pouring activities occurred at Towers 1006, 1008, 1009, 1011, 1012, 1014 and 1016.
- Tower assembly and steel deliveries occurred at Tower 1004 (see Figure 2).
- Potholing on the access road occurred near 1025, 1093, 1128, and 1131.

USFS Land

- Vegetation clearing and BMP installation occurred at Tower 1039 and 1040.

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 observed Archaeological and Tribal monitors were present at all applicable sites.
- 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 4, CPUC EM observed contractor construction crews using portions of the right-of-way near Tower 2306 that had not been released by the CPUC for use. The CPUC EM notified the SCE Environmental Coordinator (EC) of the incident. The SCE EC called the CPUC EM and confirmed the crews were directed to use a different route and provided additional information on which access roads were cleared for project use.

- On June 5, CPUC EM observed inadequate covering of two foundation excavations at Tower 1006. The holes were previously covered with plastic, but high winds blew the plastic off, exposing the hole to wildlife that could fall in (see Figure 3). The CPUC EM notified the SCE EC. Follow-up action was a crew was dispatched to recover the exposed holes. The CPUC EM was notified by the SCE EC when this action was completed and that the crew had been informed to take extra care in covering holes in high wind areas.
- On June 5, an SCE General Monitor observed clouds of fugitive dust exiting the H1X Landing Zone in excess of 100 feet in height (see Figure 4). The fugitive dust clouds that originated onsite began within 20 minutes of two water trucks watering the entire site.
- On June 6, CPUC EMs observed that the road base built for water storage tanks near the Cactus City Rest Area was still present, even though the stand tanks were removed. According to the condition in Project Memorandum #7 dated June 1, the stand tanks and pad needed to be removed immediately. The CPUC LEM notified the SCE EC. The base was removed from the site and placed at Tower 2317 on June 7.
- On June 6, SCE biologists conducting surveys discovered a dead burrowing owl approximately 75 feet west of Tower 1020 temporary work limits. The cause of death is not known, although a hole was observed in the ventral side of the abdomen. This was determined to not be project related. The dead owl was left in place and a stake with red/white striped flagging was pounded into the ground 15 feet east/northeast of the dead owl. A mortality notification was sent to the wildlife agencies on June 7.
- On June 7, CPUC EM observed compliance with USFS Fire Plan and PAL Level C requirements at Tower 1039 and 1040. A fire watch and appropriate fire tools were onsite.
- On June 8, an SCE General Monitor observed track-out and soil spreading onto the pavement at the intersection of the ROW and Varner Road. The track out was properly cleaned up and gravel was installed on June 9 by the contractor in order to stabilize the ROW entrance and reduce track out.
- On June 8, an SCE General Monitor observed that water was not applied to the ROW near Towers 2112-2132 prior to construction crews entering the sites. Fugitive dust was observed exiting the Project boundaries along the ROW from construction vehicle traffic. The SCE General Monitor contacted a Contractor Foreman to inform him that fugitive dust was observed and water had not been applied to the ROW. A water truck was dispatched to water the ROW immediately.
- During a spot check on June 8, the CPUC EM observed several t-post caps left in a pile within the disturbance limits at Tower 2344 after crews had already left the site (see Figure 5). The SCE General Monitor was contacted and he informed the contractor. The caps were removed the same day.

One Non-Compliance Report (NCR #3) was 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, gravel base installation, jute netting of slopes, and paving at the substation site (see Figure 6). 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 were primarily limited to fence installation.
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 clearing and grubbing of vegetation, grading, and culvert and drainage improvements. BMP installation and maintenance continued along this section of road.
5. Devers Substation – Activities included clearing gravel from Tower sites 2000A and 2000B, and drilling foundations.

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 General Monitor reported several minor spills at CRS and along the CRS access road throughout the subject period. These included diesel fuel from the gas cap of a scraper (June 7), hydraulic fluid from a scraper (June 8), hydraulic fluid or motor oil from an unknown source (June 8), grease or unknown substance (June 8), diesel fuel from unknown source (June 8), and grease from unknown source (June 8). For each spill, the SCE General Monitor reported that proper cleaning and disposal protocols were implemented.
- The CPUC EM observed excessive track-out at the intersection of Chuckwalla Road and Corn Springs Road on June 5 (see Figure 7) near the Series Capacitor site. The SCE General Monitor was notified and a sweeper was used the same day to clean up.
- On June 5 and 6, the SCE General Monitor observed and reported overfilled (greater than 75 percent) concrete washout tubs at CRS. Plastic sheeting installed underneath each of the tubs was not enough to contain 110 percent, per SWPPP requirements, of the volume.
- While sweeping CRS and the CRS access road on June 6, the SCE Biological Monitor observed a significant level of scattered trash at various locations. The SCE Biological Monitor notified the substation site representative and the trash was removed.
- The SCE General Monitor reported that two delivery drivers were allowed onsite at CRS without WEAP training. The SCE General Monitor was not notified prior to their arrival. However, upon discovering that the drivers had not been trained, the SCE General Monitor immediately provided WEAP training onsite.
- On June 6, the SCE General Monitor reported that straw wattles on both sides of the CRS access road were not properly maintained while work in the area was conducted. BMP repair and maintenance was subsequently performed.
- The SCE General Monitor notified the CRS site representatives that not all disturbed areas were watered throughout the day on June 6. However, no excessive fugitive dust issues were observed or reported.
- On June 7, the SCE General Monitor observed a trencher parked overnight in the southeast corner of the CRS limits without any secondary containment. The machine was used throughout the day and was then parked within the contained equipment laydown yard at the end of the day on June 8.

- The eastern entrance gate to the Red Bluff Substation was damaged on June 7 and could not be properly closed as a result (see Figure 8). Due to the substation location within desert tortoise habitat, a SCE Biological Monitor was staged at the location of the damaged fence continuously until repairs were conducted early the following week.
- On June 8, the SCE General Monitor identified excessive track-out along Wiley's Well Road at the entrance to the CRS access road. The CRS site representatives were notified and the track-out was swept off the road.
- The SCE General Monitor reported excessive fugitive dust at CRS on June 8. The observed dust cloud was greater than 20 percent opacity and over 60 feet tall. Upon notification to the CRS site representative, the area was immediately watered.
- The CPUC EM and SCE SWPPP Coordinator identified inadequate secondary containment at the Series Capacitor equipment parking area on June 8 (see Figure 9). The SCE General Monitor was notified and the issue was resolved by the contractor the same day.
- On June 8, CPUC EM observed compliance with all mitigation measures for foundation excavations at the Devers Substation.
- On June 9, the SCE General Monitor observed an unmanned construction vehicle idling for more than ten minutes at CRS. The SCE General Monitor notified the construction Foreman and reminded him of project restrictions on idling equipment and vehicles.

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.
- On June 5, CPUC EM observed the Devers to Valley yards to be in compliance with all mitigation measures.
- On June 6, the SCE General Monitor reported a minor leak beneath a forklift with no secondary containment at the Blythe Yard. The SCE General Monitor notified Kenny Construction and the contaminated area was cleaned and secondary containment was installed under the equipment.
- The CPUC EM noted that the front gate was left open at the Summit Yard on June 8. The yard is located within desert tortoise habitat and the gate is to remain closed at all times with the exception of vehicle ingress/egress. The CPUC EM notified the SCE Biological Field Lead and the SCE SME who each agreed that the gate should remain closed.

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 07/06/12)

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 #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 #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 07/06/12)

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
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.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
	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 07/06/12)

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.

TEWS Request	Date Requested	Date Approved	Segment	Description
#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.
BLM				
Level 1 #1	6/6/12	6/11/12	Red Bluff Loop In	RB1-4E disturbance area shift.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
(Updated 07/06/12)

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.
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.

Type	Date Issued	Location	Description
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.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
(As of 06/30/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	200	117	14	0
Bureau of Land Management (BLM)	204	178	65	9	0
US Forest Service (SBNF)	12	12	0	0	0
Total	566	390	182	23	0

PROJECT PHOTOGRAPHS



Figure 1. Foundation concrete pouring at Tower 2107



Figure 2. Tower assembly at Tower 1004.



Figure 3. Inadequate covering of open excavation at Tower 1006.



Figure 4. Fugitive dust leaving Landing Zone H1X (photo courtesy of FRED).



Figure 5. Several t-post caps left at Tower 2344.



Figure 6. Wall panel installation occurring at CRS.



Figure 7. Excessive track-out identified at intersection of Chuckwalla and Corn Springs Roads.



Figure 8. Damaged gate at the eastern entrance to Red Bluff Substation. SCE Biological Monitors were staged at this location until repairs were performed.



Figure 9. Inadequate secondary containment at the equipment parking area for the Series Capacitor site.



Figure 10. Contractor vehicle dragging a piece of fencing to comb gravel within the Meniffee Yard.