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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: October 30, 2012
Subject: Weekly Report 64, October 1 to October 7, 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, Jamie Miner, Liz Majchrowicz, and Scott Debauche.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
 - Maintenance of BMPs occurred at Towers 2536, 2615, 2616, 2617, 2618, 2622, 2623, 2625, 2626, 2629, 2632, 2633, 2639, 2642, 2643, CR1-5E, and the Pull Site for DPV1 Tower M127-T3.
 - Spur road and crane pad grading occurred at Tower 2559.
 - Tower assembly and/or steel deliveries occurred at Towers 2542, 2543, 2548, 2549, 2550, 2553, 2554, 2555, 2560, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2570, 2571, 2572, 2614, 2618, 2624, 2625, 2626, 2627, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2639, 2642, 2643, 2646, and 2658.
 - Wire stringing activities were conducted at Towers 2535, 2536, 2538, 2539, 2540, 2541, 2542, 2545, and 2547.
2. Red Bluff Substation to Devers Substation
 - Installation of BMPs occurred at Wire Sites RB-07, RB-08, RB-13, and RB-15, and at Guard Structures RB-GS05 and RB-GS06
 - Maintenance of BMPs occurred at Towers 2007, 2015, 2110, 2114, 2117, 2118, 2119, 2120, 2123, 2125, 2131, 2208, 2240, 2241, 2244, 2325, 2449, and Helicopter Landing Zones (HLZs) H4 and H5.



- Grading activities occurred at Towers 2407, 2413, 2414, 2416, and 2420, at Wire Sites RB-03, RB-05, RB-06, RB-07, RB-08, and RB-15, and at Guard Structures RB-GS05 and RB-GS06 (see Figure 1).
- Vegetation clearing occurred at Tower 2450 and Wire Sites RB-01, RB-02, and RB-03.
- Micropile activities occurred at Towers 2307, 2308, 2310, 2422, 2424, and 2425.
- Tower foundation drilling activities occurred at Towers 2251, 2260, 2265, 2267, 2508, 2509, 2511, 2513, 2515, 2519, 2525, and 2528 (see Figure 2).
- Tower foundation concrete pouring activities occurred at Towers 2244, 2246, 2251, 2260, 2446, 2507, 2508, 2509, 2510, 2511, 2515, and 2519.
- Tower assembly and/or steel deliveries occurred at Towers 2401, 2407, 2409, 2411, 2417, 2418, 2450, 2456, 2457, 2458, 2501, RB1-4E, RB2-2W, and RB2-4E.
- Wire stringing activities occurred at Towers 2444, 2445, 2446, 2447, 2448, 2449, 2451, 2452, 2453, 2454, 2455, 2456, 2512, 2513, 2514, 2522, RB1-2E, RB1-3E, RB1-3W, RB1-4W, RB2-3E, RB2-1W, and RB2-3W, and associated Wire Sites.
- Coachella Valley fringe-toed lizard exclusionary fence installation occurred at Wire Site 12/Pull Site 13/Splice Site 9, Wire Site 14/ Pull Site 15, Splice Site 11/ DC Fiber Pull Site 17, and GS19 (see Figure 3).
- Coachella Valley fringe-toed lizard exclusionary fence repair occurred at Towers 2013, 2015, 2110, 2207, 2208, 2211, 2240, and 2241

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Towers 1078, 1081, 1114, 1128, 1141, 1142, 1143, and 1144.
- Maintenance of BMPs occurred at Towers 1017, 1065, and 1078.
- Vegetation clearing occurred at Towers 1079, 1104, 1105, 1106, 1141, and 1145.
- Spur road and crane pad grading occurred at Towers 1078, 1079, 1081, 1104, 1105, 1106, 1136, 1137, 1138, 1145, and 1146.
- Rock clearing and micropile foundation preparation occurred at Towers 1032, 1033, 1034, and 1035.
- Tower foundation drilling activities occurred at Towers 1078, 1079, 1080, 1099, 1101, 1104, 1105, 1106, 1135, 1136, 1137, 1138, 1148, 1156, and 1157.
- Tower foundation concrete pouring activities occurred at Towers 1078, 1079, 1104, 1105, 1106, 1110, 1111, 1138, 1139, 1140, and 1157.
- Tower assembly and/or steel deliveries occurred at Tower 1026 and 1065.
- Trenching for grounding wires occurred at Towers 1020, 1021, and 1051.
- Topsoil salvage occurred at Towers 1105 and 1106.

USFS Land

- No construction activities occurred during the subject time period.

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.
- The CPUC EMs confirmed Authorized Coachella Valley Fringe-toed monitors and handlers were onsite during construction activities at applicable sites.
- The CPUC EMs confirmed that wildlife ramps were employed to avoid wildlife entrapment during micropile foundation activities at Towers 2307, 2308, and 2310.
- SCE is currently providing the contractor with a list of sites that require BMP maintenance and a deadline date by which repairs at each site must be made according to conditions of the project SWPPPs. During the subject period, the SCE General Monitors identified five sites that required maintenance to BMPs and were subsequently added to the list.
- During the subject period, there were six incidents associated with inadequate secondary containment reported. On October 4, one of these incidents resulted in less than a quart of hydraulic fluid leaking from a drill rig temporarily parked near Rice Road and the right-of-way (ROW) entrance. The contaminated soil was immediately removed by Aldridge Drilling personnel and repairs were made on the drill rig.
- During the subject time period, one non-reportable (< 1 gallon) spill of diesel fuel occurred. Proper remedial efforts were implemented.
- During the subject period there were five reported incidents associated with vehicles traveling at speeds exceeding the project speed limits. Each of these incidents occurred along the CRS access road.
- There were two incidents of project related vehicles driving on access roads not approved for project use.
- There was one incident associated with improper disposal of trash (including food scraps) reported during the subject period.
- There were four reported incidents of crews going outside of approved project boundaries.
 - On October 1, the SCE Biological Monitor assigned to an assembly clean-up crew reported that one of the crew's pick-up trucks drove outside the approved access road limits near Tower 2619. The incident occurred as the driver of the truck was backing up to allow two oncoming mechanic trucks to pass. As a result, the tracks left by the truck measured approximately eight feet in length and occurred in occupied desert tortoise habitat roughly four feet outside the road limits. To date, SCE has not provided the CPUC with information detailing how this specific incident was resolved.
 - On October 2, the onsite Biological Monitor at Tower 1153 observed four rebar cages sitting outside the disturbance area. No sensitive biological resources were impacted by the incident. The Biological Monitor informed the onsite Foreman of the incident and the rebar cages were moved back into the disturbance area to be set into the foundation holes the same day.
 - On October 3, the CPUC EM observed tire tracks outside of the approved limits for the access road leading to Tower 1105. The CPUC EM informed the onsite Biological Monitor. The Biological Monitor did not observe any vehicles drive outside of the approved boundaries. To keep additional vehicles from driving outside of the approved access road limits the Biological Monitor, in conjunction with the onsite Foreman, placed stakes along the disturbed area (see Figure 4).

- On October 5, while leaving Tower 1025 after monitoring a steel delivery, the onsite Biological Monitor observed tire tracks going over the straw wattles marking the edge of the ROW and onto the slope of the hill just outside the wattle. Although the Biological Monitor did not witness the steel delivery truck driver drive over the wattle, the tracks were not there when the Biological Monitor arrived on site. No damage to vegetation occurred. The Foreman for the steel delivery crew was notified.
- On October 1, the SCE Biological Monitor reported that one eco-pan was left uncovered potentially exposing wildlife to cement slurry, water, and garbage, at Tower 2242 over the weekend (see Figure 5). Another crew assigned to stage equipment at Tower 2242 covered the eco-pan with a lid. This incident occurred in desert tortoise and flat-tailed horned lizard modeled habitat. No resources were impacted as a result of this incident.
- On October 3, the CPUC EM observed excessive dust along the access road near Tower 2617 (see Figure 6). The CPUC EM notified the SCE General Monitor of this fugitive dust concern.
- On October 4, the SCE General Monitor observed and reported a diesel fuel spill along the ROW between Towers 2259 and 2260. The contaminated soil was removed by Greenstone personnel and contained in a 55 gallon drum at the Indio 2 Construction Yard. Equipment at Tower 2260 was inspected. The source of the spill is unknown. The SCE General Monitor reported to the CPUC EM that the spill amount was over one gallon. The Kenny Construction representative reported that the spill amount was three quarters of a gallon.
- On October 5, an SCE General Monitor observed a foundation hole that was partially uncovered at Tower 1148 (See Figure 7). A Kenny representative was notified and dispatched to cover the hole. The CPUC EM inquired with SCE if the hole was checked for entrapped wildlife. On October 29, SCE responded that they had no evidence the partially covered hole was inspected for entrapped wildlife. SCE also stated that in the future, SCE General Monitors will be instructed to contact a Biological Monitor if open excavations are observed prior to coverings being installed.

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) – Activities that occurred at CRS during the subject time period included foundation and wall panel work associated with the MEER building, installation of conductor cable, maintenance of V-ditches, drilling and concrete pouring for foundations, backfilling conduit trenches, excavating trenches for grounding, transformer pad construction, and perimeter wall finishing. Maintenance repairs along the CRS access road and side slopes are ongoing.
2. CRS Telecomm Line (BLM and Private Lands) – No construction activities were conducted during the subject period.
3. Desert Center Telecomm Site (BLM and Private Lands) – No construction activities were conducted during the subject period.
4. Chuckwalla Telecomm Site (BLM Lands) – No construction activities were conducted during the subject period.
5. Series Capacitor (BLM Lands) – Activities that were conducted during the subject period included site preparation for capacitor installation and equipment deliveries.

6. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included well pumping, crushing of native cut, trenching of slopes for grounding, drilling and pouring concrete, installation of forms, perimeter wall panels, and drainage features, transformer pad and WQMP construction, backfilling the drainage basin, and construction of the MEER building basement (see Figure 8).
7. Devers Substation (Private Lands) – Activities that were conducted for the Devers Substation expansion and upgrades included installation of road base and Natural Pavement (see Figure 9).
8. Valley Substation (Private Lands) – Activities within the Valley Substation activities included construction of existing position 8 switchrack circuit breakers and disconnect switches, and associated construction activities, all within the existing substation and established construction and staging areas.

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.
- After increasing concern from BLM and the CPUC of the Mojave Fringe-toed Lizard (MFTL) mortalities along the CRS access road, CPUC requested SCE to increase monitoring of the access road, including the speed of vehicles traveling the road, and to make observations on MFTL sightings and mortalities. CPUC also added a dedicated CPUC Biological Monitor to the CRS access road. Daily reports documenting the CPUC Biological Monitor observations are submitted to BLM, CPUC, and SCE.
- On October 3, a gasoline delivery truck was observed by the SCE Project Manager traveling in excess of the 15 mph project speed limit along the Red Bluff access road. To date, SCE has not provided information to the CPUC detailing how this specific incident was resolved.

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.

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.

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.

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 time period.
- On October 2, an SCE Biological Monitor observed an uncovered trash bin at the Beaumont 2 Yard during their weekly yard sweep. The Biological Monitor notified the contractor’s environmental representative who ensured the trash bin would be covered or removed from the site by the end of the day.
- On October 3, the CPUC EM notified the SCE General Monitor that large trash bins at the Desert Center 1 and 2 (PAR) Yards were not adequately covered (see Figure 10). The SCE General Monitor recorded this as an incident through FRED the same day.

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 10/30/12)

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
—	06/19/12	Retracted	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 10/30/12)

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 #21 Mod	09/24/12	10/03/12	T/L	Request for a modification to Variance #21 for the expansion of the egress at the Lake Tamarisk 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.

Variance Request	Date Requested	Date Issued	Segment	Description
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	05/17/12	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.
VR #38	08/09/12 Revised	08/21/12	T/L	Request for additional water source locations in the Thousand Palms area.
VR #39	08/14/12	09/05/12	T/L	Request for additional access road use near Towers 2103, 2112, and 2260.
VR #40	08/22/12	09/11/12	T/L	Request for the use of an existing spur road to Tower 2242.
VR #41	09/10/12	09/12/12	T/L	Request for the use of additional access routes to Towers 1118-1122 and HLZ H9. These roads were previously approved through the TEWS process.
—	04/12/12	Retracted	T/L	Preconstruction survey extension request from 14 days to 30 days. Petition for Modification required.
—	08/09/12 revised	Retracted	T/L	APM A-6 - Eliminate tarping on bottom dump trucks. Petition for Modification required.
VR #42	08/14/12	09/21/12	T/L	Request for a road to be used as a helicopter picking site near Tower 1031.
—	08/14/12	Retracted	T/L	Request that Helicopter Landing Zones (HLZs) on Devers to Valley be exempt from construction screening MM V-1a.
VR #43	09/18/12 (revised)	09/21/12	T/L	Request revisions to pull sites from Devers to Red Bluff.
VR #44	09/24/12	09/28/12	T/L	Request a stub road revision at Tower 1147.
VR #45	09/25/12	10/04/12	T/L	Request for the use of additional access roads on the Devers to Valley section.

Variance Request	Date Requested	Date Issued	Segment	Description
VR #46	09/20/12	10/10/12	T/L	Helicopter Picking Locations for Sites 1112 and 1108.
VR #47	10/09/12 (revised)	10/18/12	T/L	Relocation of guard structures and an addition of an access road in the Devers to Red Bluff section.
VR #48	10/02/12	10/18/12	T/L	Request for an additional water source in the Devers to Valley section.
	10/19/12	Under Review	T/L	Request for the expansion of splice site 57 (near Tower 2557) and expansion and shift of splice site 64 (near Tower 2614).
	10/24/12	Under Review	T/L	Request to convert two conventional tower sites to helicopter sites from Devers to Red Bluff. In addition, SCE is requesting to add temporary helicopter platforms to access three sites.
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	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	05/22/12	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	05/22/12	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
—	07/24/12	Retracted	T/L	APM A-6 - Eliminate tarping on bottom dump trucks.
BLM #9	04/04/12	09/21/12	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.
	07/30/12	Under Review	Substation	DNA for Colorado River Substation Telecommunication Distribution Line.
USFS				
USFS-1	03/15/12	03/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 10/30/12)

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

TEWS Request	Date Requested	Date Approved	Segment	Description
#7	08/01/12	08/03/12	T/L	Request to use an existing access road to H9
BLM Level 1				
Level 1 #1	06/06/12	06/11/12	Red Bluff Loop In	RB1-4E disturbance area shift.
Level 1 #2	07/12/12	08/06/12	T/L	Request for two stand tank locations. Received revised request from SCE on 08/06/12.
Level 1 #3	09/13/12	Partial Approval on 09/17/12, Complete Approval on 09/24/12	T/L	Remove visual screening at Helicopter Landing Zones H1E H4 and H5. *Approved the removal of screening at H4 on 09/17/12. Approval of the removal of screening at H1E and H5 on 09/24/12.
Level 1 #4	09/14/12	09/17/12	T/L	Request to shift the tower disturbance area at Tower 2644.
Level 1 #5	09/14/12	09/19/12	T/L	Request to use an existing road (Ford Dry Lake Road) as access.
Level 1 #6	09/25/12	09/26/12	T/L	Request the use of an additional access route to Tower 1130.
Level 1 #7	10/09/12	10/11/12	T/L	Request to use an access road (Chuckwalla Valley road) near Tower 2574.
BLM Level 2A				
Level 2A #1	09/20/12	09/24/12	T/L	Request for pull site revisions from Devers to Red Bluff.
Level 2A #2	10/04/12	10/05/12	T/L	Request for an access road to RB14 pull site near Red Bluff.
Level 2A #3	10/04/12	10/25/12	T/L	Request for additional disturbance area for pull sites and an access road near Red Bluff RB2-5E. Revised on 10/11/12 and 10/22/12.
Level 2A #4	10/05/12	10/10/12	T/L	Request to relocate two guard structures near Red Bluff.
Level 2A #5	10/10/12	10/10/12	T/L	Request for additional disturbance area at Tower RB1-2W in order to build the tower prior to the scheduled outage.
Level 2A #6	10/19/12	10/25/12	T/L	Request for temporary disturbance area shifts at wire sites, splice sites, pull sites, guard structures and access roads from CRS to RB.
Level 2A #7	10/19/12	10/25/12	T/L	Request for temporary disturbance area shifts at splice site 53 (near Tower 2535) and access road to Wire Site 69/Pull Site 70/54 (near tower 2540).

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 10/30/12)

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.
PM #10	09/21/12	Tower 1037	Work occurred at Tower 1037 without the Fire Patrol Representative on site, a requirement on the Fire Plan.
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.

Type	Date Issued	Location	Description
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.
NCR #9	08/28/12	Tower 2644	Construction work conducted outside the approved project limits.
NCR #10	09/10/12	Towers 1153 and 1155	Construction work conducted at Towers 1153 and 1155 prior to the CPUC site verification and release to SCE.
NCR #11	10/18/12	Tower 1036	Excavations at Tower 1036 were left uncovered and no proper means for wildlife to escape entrapment had been installed. Violation of BO-13.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
(As of 10/20/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	305	268	110	4
Bureau of Land Management (BLM)	204	204	184	94	0
US Forest Service (SBNF)	12	12	0	0	0
Total	566	521	452	204	4

PROJECT PHOTOGRAPHS



Figure 1. Grading activities at Guard Structure RB-GS06.



Figure 2. Drilling activities at Tower 2251.



Figure 3. Installation of Coachella Valley Fringe-toed Lizard exclusionary fence at Wire Site 14/ Pull Site 15.



Figure 4. Tire tracks observed outside of the approved access road boundaries near Tower 1105. Please note the stakes placed by the Biological Monitor and contractor Foreman to prevent future impacts.



Figure 5. Eco-pan was left uncovered at Tower 2242. Photo courtesy of FRED.



Figure 6. Excessive dust along access road near Tower 2617.



Figure 7. Partially uncovered hole discovered at Tower 1148.



Figure 8. Backfilling of the drainage basin at Red Bluff Substation.



Figure 9. Installation of natural pavement at the Devers Substation.



Figure 10. Inadequately covered trash bin at the Desert Center 1 (PAR) Yard.