



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: August 13, 2012
Subject: Weekly Report 51, July 2 to July 8, 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 2538, 2562, 2570, 2571, 2576, 2605, 2607, 2608, 2609, 2611, 2618, 2619, 2620, and 2631.
 - Vegetation clearing occurred at Towers 2539, 2541, 2547, 2557, 2559, 2560, 2562, 2563, 2564, 2565, 2566, 2605, 2630, and 2631.
 - Soil salvage for special-status plants and/or vegetation communities occurred at Towers 2630 and 2631.
 - Spur road and crane pad grading occurred at Towers 2534, 2535, 2536, 2538, 2539, 2540, 2541, 2542, 2544, 2545, and 2630.
 - Tower foundation drilling activities occurred at Towers 2526, 2534, and 2653.
 - Tower foundation concrete pouring activities occurred at Towers 2653, CR1-1E, and CR1-2W.
 - Tower assembly and/or steel deliveries occurred at Towers 2653 and CR1-1E.
2. Red Bluff Substation to Devers Substation
 - BMPs were installed at Towers 2110, 2233, 2248, 2300, 2515, and 2563.
 - Vegetation clearing occurred at Towers 2110, 2248, 2515, 2519, 2528, 2557, and 2559.
 - Desert pavement salvage occurred at Tower 2248.
 - Soil salvage for special status plants and/or vegetation communities occurred at Tower 2110.



- Spur road and crane pad grading occurred at Towers 2208, 2210, 2211, 2212, 2215, 2219, 2226, 2230, 2232, 2233, 2240, 2241, 2243, 2245, 2247, 2248, 2251, 2255, 2258, 2259, 2262, 2263, 2264, 2266, 2303, 2515, 2519, 2528.
- Tower foundation drilling activities occurred at Towers 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2328, 2429, 2432, 2526, and RB2-4E.
- Tower foundation concrete pouring activities occurred at Towers 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2328, 2329, 2330, and 2429.
- Tower assembly and/or steel deliveries occurred at Towers 2016, 2018, 2020, 2100, 2102, 2103, 2104, 2106, 2247, 2328, 2401, 2403, 2405, 2406, 2408, 2409, 2410, 2428, 2447, 2512, 2520, 2522, 2523, 2524, 2527, RB1-1W, RB1-2E, RB1-5E, RB2-4E, and RB2-5E (see Figure 1).
- Shaker plates, trench plates, and/or rock base were installed at various locations between Dillon and Frontage Roads, and along Gasline Road.
- Exclusion fencing for tower sites in Coachella Valley Fringe-toed Lizard habitat was repaired at Towers 2201, 2202, 2204, 2205, 2206, 2207, 2208, 2209, and 2210 (see Figure 2).

3. Devers Substation to Valley Substation

Non-USFS Land

- Installation of BMPs occurred at Tower 1026.
- Maintenance of BMPs occurred at Towers 1002, 1017, 1083, and 1085.
- Vegetation clearing occurred at Tower 1003.
- Spur road and crane pad grading occurred at Tower 1003 (see Figure 3).
- Tower foundation drilling occurred at Towers 1071, 1083, 1085, 1088, 1089, 1091, and 1095.
- Tower foundation concrete pouring activities occurred at Towers 1071, 1083, 1085, 1089, 1091, and 1095.
- Tower assembly and steel deliveries occurred at Tower 1011, 1012, and 1014.
- Potholing on the access road occurred near Tower 1147.

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.
- 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.
- During the subject period, reports of SWPPP incidents included a concrete-filled washout basin left uncovered at Tower 2653, a water buffalo staged at Tower 2329 without secondary containment, and several catch pans used for secondary containment at Tower 2432 were adequately installed; however, several exhibited cracking. The SCE General Monitor notified the construction foreman. Consequently, PAR purchased an extra supply of catch pans and made them available at the construction yards as needed.

- On July 2, the onsite Biological Monitor observed a construction vehicle drive over and damage the lizard exclusion fencing at Tower 2208. This information was passed on to Coachella Valley Fringe-toed Lizard Qualified Biologist who indicated repairs were scheduled for the following day. SCE received confirmation that the lizard exclusion fence was repaired the following day.
- On July 2, the CPUC issued NCR #5 for impacts outside of the approved road width between Towers 2204 and 2205 within the Coachella Valley Preserve. As a preventative measure SCE implemented the use of spotters to accompany drill rigs along the right-of-way (ROW) to ensure equipment stayed within the approved road limits. On July 3, CPUC EMs observed a drill rig being moved from Tower 2209 to Tower 2212 with the use of both construction spotters and Biological Monitors (see Figure 4). SCE's response to NCR#5 included an environmental stand-down scheduled for July 14, enhanced construction readiness by personnel evaluating road widths in upcoming construction areas, and enhanced WEAP training.
- On July 5, the CPUC EM observed small orange cones located underneath all vehicles associated with the vegetation clearing crew at Tower 2536 (see Figure 5). The orange cones are being used as a reminder to inspect underneath vehicles for wildlife prior to moving.
- On July 5, the CPUC EM observed that a kiddie pool being used for secondary containment underneath a water buffalo was filled with water at Tower 2526 (see Figure 6). The CPUC EM notified the onsite SCE Biological Monitor. The SCE Biological Monitor informed the CPUC EM that the water was observed in the pool during the morning sweep, indicating that the water was left in the pool overnight. The contractor identified that the water was leaking from the water buffalo only when the machine was operating. As a resolution, the water in the kiddie pool was spread within the disturbance limits as necessary to avoid filling the pool and leaving any standing water.
- On July 6, the CPUC EM was informed that a contractor delivery truck went outside of the approved access road at Tower 1083. Upon arriving at the site, the CPUC EM found tracks well over the berm of the road where two posts of the gate were removed to allow the truck access to the site (see Figure 7). Upon approaching the Monitor at Tower 1083 the Monitor was unaware that an incident had occurred. The CPUC LEM notified the SCE Environmental Coordinator (EC) of the incident immediately. NCR #6 was issued on July 6. This was the second NCR issued for impacts outside of the approved road limits during the same subject time period. To date, SCE has only recorded this incident as an observation.
- On July 6, the CPUC EM observed a construction vehicle use a road that was not approved for the project near Tower 2202 within the Coachella Valley Preserve. The access gate did not indicate whether or not the road was approved for use. The CPUC EM immediately notified the SCE EC. The CPUC EM observed that a "No Project Access" sign was placed at the entrance to the unapproved road by July 11.
- Inadequately covered foundation excavations were observed at Tower 2536. The SCE Biological Monitor reported that foundation excavations were covered with wood planks and plastic sheeting. According to a procedures memo provided by the contractor, foundation excavations were to be covered with fabric. The SCE Subject Matter Expert was notified and the incident was recorded as a noncompliance by SCE. However, SCE has not provided information detailing how and when this issue was resolved.

A total of three Non-Compliance Reports were issued during the subject period for Transmission Line Construction activities (NCR #4 was issued during the subject period for an incident discussed in the previous weekly report). Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (Other than CPUC EMs):

None.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity

1. Colorado River Substation (CRS) (BLM Lands) – Activities associated with the development of the CRS site included the closeout of grading and the ongoing installation of drainage structures, wall panels, and jute netting. The removal of BMPs along the completed access road was initiated during the subject period.
2. CRS Telecomm Line (BLM and Private Lands) – No major activities were conducted along the CRS telecomm line during the subject period.
3. Series Capacitor (BLM Lands) – Activities associated with the expansion of the existing Series Capacitor site included site grading, ground wire trenching, and foundation construction.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, installation of drainage structures, and rock crushing of native fill. Well development, involving pumping of the well, continued throughout the subject period. Activities that were conducted along the primary access road between Corn Springs Road and the substation eastern access road included grading, installation of gravel road base, and culvert and drainage improvements. BMP installation and maintenance continued, as required.
5. Devers Substation – Activities that were conducted for the Devers Substation expansion and upgrades included the import of soils to the expansion area to build a ramp for vehicle access to the site. Activities within the existing substation included grading and BMP installation for a new access road and the site for the helicopter access pad.

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.
- On July 2, the SCE Biological Monitor identified a broken hose on an excavator, resulting in a leak of less than one gallon of hydraulic fluid along the Red Bluff access road. The SCE Biological Monitor notified the SCE General Monitor who reported that the contractor immediately halted work in the area and implemented adequate measures to contain the spill and removed contaminated soil.
- On July 3, the CPUC EM observed several Environmentally Sensitive Area (ESA) locations adjacent to the CRS access road with damaged exclusionary fencing (see Figure 8). The CPUC EM notified the SCE EC. The SCE EC relayed the concern to the construction site representative and the fencing was repaired.
- On July 3, the SCE Biological Monitor observed a PAR water truck driving well in excess of the project (and posted) speed limit of 25 mph along the CRS access road. The SCE Biological Monitor reported that site representatives from ULM are noting the speed limit requirements every morning during tailboard meetings. At the time that this weekly report was prepared, SCE has not provided information detailing how this issue 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. Gravel in the yard is currently being dragged each day to prevent nesting bird activity in the yard.

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

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

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

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

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

Environmental Compliance:

- SCE Biological Monitors conducted biological sweeps at all construction yards throughout the subject period.
- During spot checks conducted at several Kenny construction yards throughout the subject period, the CPUC EMs observed adequate implementation of mitigation measures and SWPPP conditions, including effective secondary containment and adequate covering of trash receptacles.

- On July 3, the CPUC EM identified several concerns at the PAR Desert Center 2 and Indio 2 Yards. These included inadequate secondary containment and improper covering of trash receptacles (see Figure 9). The CPUC EM notified the SCE General Monitor who observed and reported the same concerns. Consequently, PAR has informed SCE and the CPUC that personnel would be hired to specifically monitor construction yards to ensure that proper implementation of project mitigation measures and SWPPP conditions are met. At the time that this weekly report was prepared, the CPUC has not yet received information that fully details the implementation of these monitors.
- On July 3, the CPUC EM observed damaged desert tortoise exclusionary fencing on the entrance gate to the PAR Desert Center 2 yard, resulting in a substantial gap that could allow tortoises to enter (see Figure 10). The CPUC EM notified the SCE Subject Matter Expert and the fencing was repaired.

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

Agency Representatives during Construction (Other than CPUC EMs):

None.

CPUC/BLM NOTICES TO PROCEED (NTPS)

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

TABLE 1
NTPS
(Updated 08/13/12)

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 #/ Permit	Date Requested	Date Issued	Segment	Description
NTP #9	10/08/11	12/02/11	T/L – Devers to Red Bluff	Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands.
NTP #10	10/08/11	12/02/11	T/L – Devers to Valley	Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands.
NTP #11	11/08/11	12/10/11	Yards	Construction of Devers 2 and Indio 2 Construction Yards.
NTP #12	01/20/12	02/03/12	Yards	Construction of Desert Center 3 Construction Yard.
NTP #13	04/12/12	05/09/11	Substation	Devers Substation upgrades
NTP #14	06/13/12	06/20/12	Substation	Valley Substation upgrades
	06/19/12	Under Review	T/L- Devers to Valley	H10- Helicopter Landing Zone
	07/16/12	Under Review	Substation	Colorado River Substation to Blythe South East Telecommunication Route
BLM NTPs				
BLM NTP #1	08/26/11	09/19/11	DPV2 Substation, T/L	Authorization to proceed with construction of the DPV2 Transmission Line, Colorado River Substation, and associated project components on BLM lands.
BLM NTP #2	08/26/11	09/19/11	Substation	Construction of Red Bluff Substation and associated project components, BLM lands.

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

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

TABLE 2
VARIANCE REQUESTS
(Updated 08/13/12)

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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
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.

Variance Request	Date Requested	Date Issued	Segment	Description
	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. Revised request was submitted by SCE on 8/09/12.
	07/24/12	Under Review	T/L	APM A-6 - Eliminate tarping on bottom dump trucks
BLM				
BLM #1	10/18/11	10/27/11	Substation	Request to install a temporary guard structure along the entrance of the existing transmission line access road for Colorado River Substation.
BLM #2	10/19/11	10/27/11	Substation	Request to approve 24-hour drilling operations at the CRS site.
BLM #3	01/24/12	02/28/12	Red Bluff	Rock Crushing
BLM #4	03/16/12	03/30/12	Substation	Red Bluff Loop-in pull site modifications.
BLM #5	03/22/12	05/18/12	T/L	DPV2 Gas Line Road.
BLM #6	03/23/12	04/10/12	Substation	CRS pull sites.
BLM #7	03/28/12	04/11/12	Substation	Request for HLZ (helicopter landing zone) at Red Bluff Loop-in Tower site RB1-2W.
BLM #8	04/06/12	05/16/12	Substation	Additional water sources @ Red Cloud Road, Red Bluff Substation.
DNA #1	10/27/11	12/07/11	Series Capacitor	Request for a slight expansion of the Series Capacitor site due to engineering conflicts.
DNA #2	12/21/11	02/01/12	Red Bluff	Request to install secondary well at Red Bluff Substation site.
DNA #3	12/22/11	05/24/12	Series Capacitor	Request to relocate a portion of the Imperial Irrigation District distribution line located at the Series Capacitor site.
DNA #4	02/01/12	05/24/12	T/L	Request for the addition of proposed helicopter construction and maintenance platforms to the description included in the Project Refinements 1 and 2 documents.
DNA #5	03/05/12	5/22/12	Red Bluff Loop-ins	Request to revise road locations.
DNA #6	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
DNA #7	04/12/12	5/22/12	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank.
DNA #8	05/02/12	07/31/12	T/L	Additional access route between Towers 2528X and 2527.
DNA #9	05/19/12	06/15/12	CRS	Request for a permanent turning radius along the CRS access road.
DNA #9	06/04/12	06/15/12	CRS	300-foot driveway along the CRS access road.

Variance Request	Date Requested	Date Issued	Segment	Description
DNA #11	07/02/12	07/31/12	T/L	A Level 2 Variance request for a disturbance area shift at Tower 1013 due to engineering changes. This tower is located on BLM land.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts near CRS.
	06/18/12	Under Review	Substation	Request to build a telecom site near Desert Center for Red Bluff Substation
	07/24/12	Under Review	T/L	APM A-6 - Eliminate tarping on bottom dump trucks
	07/30/12	Under Review	Substation	DNA for Colorado River Substation Telecommunication Distribution Line
USFS				
USFS-1	03/15/12	3/20/12	T/L	SBNF engineering modifications (revised disturbance areas).

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 08/13/12)

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

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 08/13/12)

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.
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.

Type	Date Issued	Location	Description
NCR #6	07/06/12	Near Tower 1083	Project equipment drove outside the existing road width along the access road near Tower 1083.
NCR #7	07/12/12	Tower 2437	Inadequate covering of a foundation excavation at Tower 2437. Violation of BO-13.
NCR #8	07/23/12	Near Tower 2604	Project equipment drove outside the approved road limits along Chuckwalla road west of Tower 2604.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

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

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

PROJECT PHOTOGRAPHS



Figure 1. Tower assembly at Tower 2104.



Figure 2. Coachella Valley fringe-toed lizard exclusion fencing repair at Tower 2104.



Figure 3. Grading for the spur road and crane pad at Tower 1003.



Figure 4. Drill rig being moved from Tower 2209 to Tower 2212 using both construction and biological monitor spotters to prevent off road impacts.



Figure 5. Orange cones placed near vehicles to remind personnel to inspect underneath for wildlife.



Figure 6. Kiddie pool observed filled with water at Tower 2526.



Figure 7. Impacts outside of the approved road width at the entrance to Tower 1083.



Figure 8. Damaged ESA fencing along CRS access road.



Figure 9. Trucks parked at Indio 2 Construction Yard. Note lack of secondary containment under truck on left of photo.



Figure 10. Substantial gap underneath entrance gate at PAR Desert Center 2 Construction Yard.