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PROJECT MEMORANDUM SCE DPV2 TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: May 14, 2012
Subject: Weekly Report 40, April 16 to April 22, 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 Gallego, and Jamie Miner

TRANSMISSION LINE CONSTRUCTION

Summary of Activity

1. Colorado River Substation (CRS) to Red Bluff Substation
 - Tower assembly activities were conducted at Towers 2648 and 2651, and CRS Loop-In Towers CR1-2E, CR1-1W, CR1-2W, CR1-3W, CR1-4W, and CR1-5W.
 - BMP maintenance occurred at CRS Loop-In Tower CR1-2E.
 - There were no major ground-disturbing activities that occurred during the subject period.
2. Red Bluff Substation to Devers Substation
 - Concrete foundation pouring was conducted at Towers 2523, 2526, 2527, 2529, and 2531, and Red Bluff Loop-In Towers RB1-2E and RB2-3W.
 - Foundation drilling activities were conducted at Towers 2526, 2527, 2529, 2531, and 2532, and Red Bluff Loop-In Towers RB1-2E, RB1-3E, RB1-2W, and RB2-3W (see Figure 1).
 - Grading of associated access roads and tower pad recontouring activities were conducted at Towers 2408-2411, 2426-2428, 2433, 2509-2511, and 2530.
 - Vegetation was cleared at Towers 2409, 2410, 2437, 2444, 2516, 2518, and 2532 (see Figure 2).
 - Rock mulching and desert pavement salvage activities were conducted at Towers 2437, 2444, and 2532.
 - BMPs were installed at Towers 2408-2411 and were maintained at Towers 2437, 2443, 2443X, and 2444.



3. Devers Substation to Valley Substation

Non-USFS Land

- BMPs were installed at Towers 1010, 1011, 1014, 1017, 1073, 1076, 1088, and 1095.
- Vegetation clearing occurred at Towers 1010, 1017, and 1071.
- Spur road and crane pad grading occurred at Towers 1004, 1010, 1012, 1014, and 1017.
- Tower foundation drilling occurred at Towers 1022, 1024, 1025, and 1027.
- Tower foundation concrete pouring activities occurred at Towers 1025, 1027, and 1055.
- Tower assembly and steel deliveries occurred at Towers 1053, 1055, 1057, 1058, 1059, 1060, 1061, 1062, 1063, and 1064.
- Installation of base material within the limits of the approved access road to cover a pipeline occurred near Towers 1013 and 1022 (see Figure 3).
- Staking for walking paths from the temporary helicopter landing platform to the tower site occurred at Towers 1032, 1033, 1034, 1035, 1036, 1049, and 1050.

USFS Land

- Staking for walking paths from the temporary helicopter landing platform to the tower site occurred at Towers 1040, 1045, 1046, and 1047.
- Vegetation clearing and BMP installation occurred at Towers 1045, 1046, and 1047 (see Figure 4).
- Vegetation clearing for permanent maintenance pads occurred for Towers 1042, 1045, and 1046.
- BMP maintenance occurred at Towers 1037, 1038, 1039, 1041, 1042, 1045, 1047, and 1048.

Environmental Compliance

- Biological and Archaeological monitors were present as applicable during all transmission line construction activities.
- The SCE General Monitor observed adequate dust control measures at all Devers to Valley construction sites.
- The CPUC EMs observed that approved desert tortoise Authorized Biologists were available at all applicable sites.
- Coachella Valley Milk-vetch approved biologists conducted biological sweeps for Coachella Valley Milk-vetch prior to construction at all applicable tower sites.
- On April 30, the CPUC EMs were notified of a new archaeological find that was discovered at Tower 1032. The discovery was found on April 5 by the staking crews. SCE has proposed avoidance measures for the discovery.
- On April 16, CPUC EM observed “Temporary Restricted Area” signs at all entrances to the H1X Landing Zone to discourage the public from entering the helicopter use area (see Figure 5).
- On April 18, a tracked crane with Aldridge Electric (pour crew at 1027) tracked outside of the approved access road. The incident was at the beginning of the access road to Tower 1027 at Snow Creek Road (see Figure 6). The south side of the road had track marks approximately 5 feet wide and about 35 feet long. When the incident was discovered by the onsite Biological Monitor the crane was parked back in the road. Reminders to stay on approved access routes were issued at subsequent tailboards.
- On April 17 and 19, The CPUC EMs observed that the vegetation clearing crew working on USFS lands were in compliance with the USFS Fire Plan and PAL level requirements.

- On April 20, the SCE General Monitor reported observing a concrete truck driver washing the trough and chute of the concrete truck along the right-of-way access road near Tower 2530, outside of the limits for this type of activity (see Figure 7). All materials were washed into a plastic container below the trough; however, no secondary containment was utilized. The SCE General Monitor notified the Aldridge Drilling foreman who stated that he would inform the concrete company of the issue.
- The SCE General Monitor reported that concrete washout basins were placed outside of the approved disturbance limits of Tower 2531 on April 20. Aldridge Drilling removed the washout basins and cleaned the site, and crews were reminded that all work must remain within defined disturbance limits.
- On April 20, the CPUC EM observed that at the access road entrances for Towers 1024 and 1025 equipment had traveled outside of the approved access road limits and damaged the access road banks and impacted vegetation (see Figure 8). The issue was brought to the attention of the onsite Biological Monitor and the SCE General Monitor. The SCE General Monitor indicated he would inspect the area and speak with the foreman of the foundation crews currently working at both sites.
- The CPUC EM observed improperly covered foundation holes at Tower 2531 on April 17 (see Figure 9). The SCE Biological Monitor was notified and stated that the issue would be resolved the same day.
- Project Memorandum #5 was issued on April 18 due to multiple observations by CPUC EMs and SCE General Monitors of excessive fugitive dust along the right-of-way access road between Corn Springs Road and the new Red Bluff Substation eastern access road (see Figure 10).

One Project Memorandum 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) – Major construction activities continued at the CRS site and along the primary access road throughout the subject period, including rough grading and drainage trenching. Activities associated with the placement of pavement along the access road also continued. Wall panel installation within the substation limits was initiated during the subject period. 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) – No major activities were conducted at the Series Capacitor site during the subject period.
4. Red Bluff Substation (BLM Lands) – Activities that were conducted at the Red Bluff site included ongoing grading of cut and fill areas, and rock crushing of native fill. Initial vegetation clearing and grubbing activities were conducted along the primary access road between Corn Springs Road and the substation eastern access road. BMP installation and maintenance continued along this section of road. Well development activities, involving pumping of the well, also continued.

Environmental Compliance

- SCE General, Biological, and Archeological Monitors were onsite, as appropriate, throughout all construction activities associated with CRS and the Red Bluff Substation.
- During paving activities associated with the CRS access road on April 17, the SCE Biological Monitor observed a construction worker capture a desert iguana and throw it over the straw wattles. The SCE Biological Monitor surveyed the area and detected a dead iguana. Upon confronting the construction crew about the incident, they stated to the SCE Biological Monitor that they were not responsible for the lizard mortality. Consequently, the construction worker that captured and threw the lizard was removed from the site. The ULM site representative addressed the issue at the following morning's tailboard meeting and reminded the construction crews of the seriousness of the incident.
- On April 17, the SCE General Monitor was notified by the ULM site representative for the CRS site that a scraper working within the substation limits had leaked hydraulic fluid. The SCE General Monitor determined that the spill was less than one gallon. The contaminated soil was removed and contained for offsite disposal per the project SWPPP and HazMat Emergency Response Plan requirements.
- On April 18, the SCE General Monitor was notified of a minor hydraulic fluid spill that occurred within the CRS staging yard. The spill was limited to the surface gravel and had not penetrated the soil below. The spill was cleaned and contaminated rocks were placed in proper containment for offsite disposal.
- A minor hydraulic fluid spill of less than one gallon was reported by the SCE General Monitor within the Red Bluff Substation limits on April 22. The spill was contained and cleaned by the contractor and the source of the leak (scraper) was serviced by a mechanic.
- A total of nine Mojave fringe-toed lizard mortalities, all associated with construction activities at the CRS site, were reported by SCE during the subject period. Since the Mojave fringe-toed lizard is not a listed species, there is not an incidental take statement and no take threshold.

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

Agency Representatives during Construction (Other than CPUC EMs):

None.

CONSTRUCTION YARDS AND OTHER WORKSPACES

Summary of Activity:

Non-Federal Lands:

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

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

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

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

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

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

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

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

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

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

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

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

Environmental Compliance:

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

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

Agency Representatives during Construction (Other than CPUC EMs):

None.

CPUC/BLM NOTICES TO PROCEED (NTPS)

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

TABLE 1
NTPs
(Updated 05/14/12)

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
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

Variance Requests and Temporary Extra Workspace (TEWS) Requests submitted to date are summarized in Tables 2 and 3, respectively.

TABLE 2
VARIANCE REQUESTS
 (Updated 05/14/12)

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.
VR #11	09/26/11	09/28/11	T/L	Two water sources for exclusionary fencing work.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
VR #26	03/09/12	03/16/12	Substation	Request for the use of offsite water source located on a private date farm.

Variance Request	Date Requested	Date Issued	Segment	Description
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.
	04/12/12	Under review	T/L	Preconstruction survey extension request from 14 days to 30 days
	04/26/12	Under review	T/L	Additional water hydrant locations
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.
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.
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.
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 #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.
DNA #3	04/04/12	04/17/12	Substation	Red Bluff Substation access road realignment.
	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.
	03/05/12	Under review	Red Bluff Loop-ins	Request to revise road locations.
	03/22/12	Under review	T/L	DPV2 Gas Line Road.
	04/04/12	Under review	T/L	Request for a HLZ and temporary disturbance area shifts.

Variance Request	Date Requested	Date Issued	Segment	Description
	04/06/12	Under review	Substation	Additional water sources @ Red Cloud Road, Red Bluff Substation.
	04/12/12	Under review	Series Capacitor	Certain activities to be constructed within the footprint of the Series Capacitor bank
	05/02/12	Under review	T/L	Additional access route between Towers 2528X and 2527.
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 05/14/12)

TEWS Request	Date Requested	Date Approved	Segment	Description
#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.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 05/14/12)

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	Towers 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	Towers 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.
CPUC Non-Compliance Reports (NCR)			
NCR #1	01/13/12	Project-wide	Unapproved removal of stick nests from DPV1 Transmission Line towers.

CONSTRUCTION PROGRESS

Table 5 provides a summary of transmission line construction progress.

TABLE 5
CONSTRUCTION PROGRESS STATUS
 (As of 04/28/12)

Agency	Total	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non Federal (CPUC)	350	148	20	3	0
Bureau of Land Management (BLM)	204	92	33	7	0
US Forest Service (SBNF)	12	11	0	0	0
Total	566	251	53	10	0

PROJECT PHOTOGRAPHS



Figure 1. Foundation drilling at Tower 2531.



Figure 2. Vegetation clearing activities at Tower 2409.



Figure 3. Base material within the limits of the access road used to properly cover a pipeline crossing between Towers 1023 and 1022.

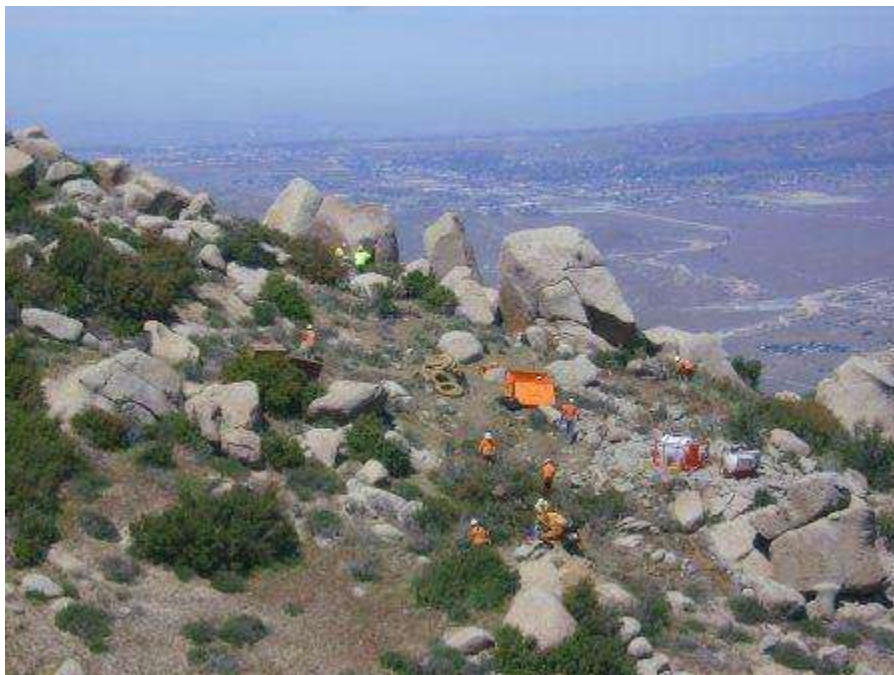


Figure 4. Vegetation clearing at Tower 1046 (as seen from hovering helicopter).



Figure 5. “Restricted Area” signs placed at right-of-way entrances that led to helicopter landing zone H1X-DV.



Figure 6. Area of off access road travel at the entrance to Tower 1027.



Figure 7. Concrete truck trough was cleaned outside of approved work limits near Tower 2530 (photo courtesy of John Bortle).



Figure 8. Area where equipment went off of the access road and impacted the road berm and native vegetation at the access road entrance to Tower 1025.



Figure 9. Improperly covered foundation hole at Tower 2531.



Figure 10. Excessive dust observed on multiple occasions along the access road near Red Bluff Substation. Project Memorandum #5 was issued as a result.