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**PROJECT MEMORANDUM
SCE TRANSMISSION PROJECTS, SEGMENTS 1–11**

To: Ken Lewis and Jason Coontz, Project Managers, CPUC
From: Vida Strong, Aspen Project Manager
Date: August 12, 2013
Subject: Weekly Report 287: July 21 to July 27, 2013

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the following SCE transmission projects:

1. Antelope-Pardee 500 kV Transmission Project, Segment 1, including Antelope Substation expansion;
2. Antelope Transmission Project, Segments 2, 3A and 3B, including the Windhub and Highwind Substations; and
3. Tehachapi Renewable Transmission Project, Segments 4 through 11, including Whirlwind Substation and the expansion of Vincent Substation.

A summary of the Notices to Proceed with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Finally, a summary of Temporary Extra Workspace and non-compliance activity are provided in Tables 3 and 4, respectively.

CPUC/Aspen Environmental Monitors (EM): Jenny Slaughter, Cassandra Garza, and Scott Debauche (helicopter tracking)

SEGMENTS 1-3: ANTELOPE-PARDEE AND ANTELOPE TRANSMISSION PROJECTS

Summary of Activity:

1. Construction of Segments 1, 2, 3A, and 3B has been completed including the Antelope, Highwind, and Windhub Substations. Additional mitigation work along the adjacent gas pipelines along Segment 3B involving the placement of five ground rods has not been scheduled.
2. The Segment 3B transmission line and Highwind Substation were energized on December 6, 2012.
3. Construction activities at the Windhub Substation were completed in 2012.
4. Restoration on Segment 1 has been completed and is still being maintained. Quarterly Reports for Year 2 were submitted on October 29, 2012, and January 14, 2013. The Antelope Pardee Transmission Year 3 Quarter 2 Monitoring Report was submitted on July 15, 2013.
5. Revegetation for Segments 2 and 3A was started in April 2011. Ongoing maintenance activities will be documented in reports to the CPUC. A Semi-Annual Monitoring Report for Segments 2 and 3A restoration was submitted on October 30, 2012. The Year 2 Monitoring Report (Fall 2012) was submitted on March 1, 2013.

Environmental Compliance:

1. The CPUC EM previously visited several areas of Segment 1 and noted the presence of several non-functional erosion control devices. Old silt fencing installed during project construction was still in place and in non-functioning condition. SCE crews removed silt fence identified in Haskell Canyon, but outstanding silt fencing remains at the soil storage area on Blue Cloud Road.



2. On May 30, CPUC EM reviewed the Segment 3B alignment and noted several items: remaining bird deterrent netting within the structures, microtrash at work sites, SWPPP deficiencies, and culvert installation material. The SCE Environmental Coordinator was contacted about the aforementioned items. It was stated that follow-up would be made with construction management and SWPPP Inspectors, and SCE is investigating the possibility of a variance submittal regarding post-construction changes.
3. No special-status species were observed during the subject period by Biological Monitors.
4. An Addendum for the Segment 3B Habitat Restoration and Revegetation Plan (HRRP) was reviewed by Aspen and comments were provided to SCE on December 17, 2012.

No Project Memoranda or Non-Compliance Reports were issued for Segment 1-3 construction activities during the subject period. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than CPUC EMs):

None

TEHACHAPI RENEWABLE TRANSMISSION PROJECT (TRTP) SEGMENTS 4-11

The SCE Tehachapi Renewable Transmission Project was evaluated in accordance with the California Environmental Quality Act and a Certification of Public Convenience and Necessity (CPCN) was granted by the CPUC on December 17, 2009. The CPUC and Forest Service have prepared a Draft SEIR/SEIS for the proposed changes to the TRTP requested in SCE's Petition for Modification of Decision 09-12-044 on the TRTP. The Draft SEIR/SEIS addresses implementation of the FAA's recommendations including: installation of marker balls on 276 transmission line spans; installation of aviation lights on 90 transmission structures; and engineering refinements to reduce the height of 21 structures within Segment 8 between Chino and Mira Loma Substations utilizing a combination of shorter tubular steel poles and specially designed dead-end lattice steel towers, which would result in changing the previously approved structure type for seven structures. Public Review of the Draft SEIR/SEIS started on April 20, 2013, and ended on June 3, 2013.

SEGMENTS 4, 5, AND 10 – ANTELOPE VALLEY

Summary of Activity

1. Segment 4: Foundation work is 100% complete. Lattice tower erection is 100% complete and tubular steel pole (TSP) erection is 100% complete. This segment was energized on February 7, 2012. BMP removal occurred along access roads and structures throughout Segment 4.
2. Segment 5: Foundation work is 100% complete. Lattice tower erection is 100% complete and TSP erection is 100% complete. Federal Aviation Administration (FAA) marker ball installation will be conducted in October. BMP maintenance occurred at structures throughout Segment 5.
3. Segment 10: Foundation work is 100% complete. Lattice tower erection is 100% complete with a total of 90 towers. This segment was energized on June 22, 2012. BMP removal occurred at access roads along Segment 10.
4. Construction activities of the Vincent Substation components are complete. The stabilized construction entrance installation occurred for access to the construction site for the new control building construction (see Figure 1).
5. Midway Vincent Upgrade Towers: Foundation work is 100% complete. Lattice tower erection is 100% complete.
6. Segment 10 Telecom: Work has been completed.
7. Whirlwind Substation: Remaining work includes the testing and commissioning of the 500kV Shunt CAPs and bus extensions.

Environmental Compliance:

1. The revised Segments 4, 5, & 10 Habitat Management and Monitoring Plan (HMMP) was submitted on December 30, 2011. Comments were provided to SCE on April 9, 2012 and responses were submitted on June 5. A series of calls are being held between SCE and the CPUC to review HMMP comments and responses. A revised HMMP for Segments 4, 5 and 10 is scheduled to be submitted in September 2013.
2. No special-status species were noted on Segments 4, 5, and 10 during the subject period by Biological Monitors.

No CPUC Project Memorandum was issued for Segments 4, 5, and 10 during this reporting period. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than CPUC EMs):

None

SEGMENTS 6 AND 11 – ANGELES NATIONAL FOREST & LOS ANGELES COUNTY

The Final EIS was released by the Angeles National Forest (ANF) on September 14, 2010. The ANF Record of Decision was issued on October 4, 2010, and the ANF Special Use Permit for Segment 6 was issued on September 21, 2011. As noted above, the CPUC and Forest Service published a Draft SEIR/SEIS for the proposed changes to the TRTP requested in SCE's Petition for Modification of Decision 09-12-044 on the TRTP regarding FAA lighting and marker balls. Public Review of the Draft SEIR/SEIS started on April 20, 2013, and ended on June 3, 2013.

Summary of Activity

Segment 6A (Constructs 1-35), Segment 6B (Constructs 36-71) and Segment 6C (Constructs 72 –113)

1. Foundation pouring occurred at Constructs (towers) 77, 79, 83, 87, and 89.
2. Structure assembly and erection occurred at Constructs 19, 20, 21, 77, 79, 83, 87, 88, 89, 90, 91, 92, 93, 94, 95, 101, 103, 104, 105, 106, 107, 108, 109, 110, 111, M31-T1, and M31-T2, Van Tassel Helicopter Assembly Yard (HAY), and Cogswell Dam HAY.
3. Grading took place at the following locations:
 - Constructs 5, 75, 76, and 95 to 100.
 - Helicopter Support Yard (HSY) 1/2.
 - Civil ID 56.
4. Drainage improvements and wet crossing maintenance occurred at Civil ID 56 and Loop Road L between Constructs 99 and 100.
5. Conductor transfer occurred at Construct M31-T1/Construct 19 (see Figure 2).
6. Tower wreckout activities occurred at Constructs 19 and 20.
7. BMP installation/maintenance occurred at all construction locations.
8. Fugitive dust control activities occurred at Angeles Forest Highway and Loop Road L, Cogswell Dam, and Constructs 82, 105, and 114.
9. Segment 6 percent completions to report date include: conductor removal 86%, structures removal 86%, foundation removal 86%, foundations installed 86%, tower erection 60%, and wire stringing 0%.

Segment 11

10. Construction activity on Segment 11A (Goodrich to Mesa Substations) has been completed.
11. The U.S. Forest Service issued a letter dated April 19, 2013, confirming that they have received the Segment 11B (Gould to Goodrich substations) construction plan and that it has been reviewed by their specialists. At this time, they have no concerns regarding SCE's plan to begin work on Segment 11B. A Notice to Proceed (NTP) for Segment 11B was issued by CPUC on April 25, 2013. Construction of Segment 11B is scheduled to begin in early-August.
12. The NTPR for Segment 11C (Vincent to Gould Substations) is scheduled for submittal in August.
13. Construction activity of outstanding Segment 11D (surrounding Gould Substation) items will be completed during the 11B construction activities.

Environmental Compliance:

1. Archaeological and Native American Monitors were present during the reporting period to monitor construction activities. Weekly monitoring reports were submitted to the CPUC and the USFS. The purpose of the reporting is to inform the interested Native American communities about the nature of the work, weekly progress, and findings so that Native Americans are made aware of the construction as it progresses.
2. SCE's Environmental Monitors conducted inspections of erosion control devices along the right-of-way. During the subject week, damaged and missing BMPs, including silt fencing and straw wattles, were noted and reported to the contractor for repair. Microtrash and general trash was noted at Constructs 93 and 100, Civil ID 56, and Vincent Material Yard South/North. Equipment was staged overnight without secondary containment at Newcomb's Pass HAY.
3. No spills occurred during the reporting period.
4. On January 17, 24, and 28, and February 4 and 5, SCE submitted requests of concurrence for blanket nest buffer reductions for a number of species and within HAYs on USFS lands. Three of the six requests were granted by the USFS on February 4. On March 4, SCE submitted an additional request for programmatic buffer reductions for hummingbirds (Anna's, Allen's and black-chinned) and bushtits. Additional requests are under review by the USFS.
5. On March 26, SCE requested concurrence for the establishment of a 300-ft vertical helicopter buffer (instead of no over-flights) for the spotted owl seasonal restriction area during construction of Segments 6 and 11. Even though there are currently no active spotted owl nests, SCE is seeking this reduction for the upcoming nesting seasons during TRTP construction. USFS is reviewing this request.
6. On August 7, CPUC EMs met with SCE to review helicopter flight tracks on Segment 6. Per CPUC direction, GPS tracking of helicopters used for TRTP is to be implemented, with data to be reviewed by the CPUC for compliance monitoring. These reviews are taking place on a bi-weekly basis and cover a two week period of construction activities. Each helicopter is now equipped with a GPS capable of showing the pilot restricted fly zones for sensitive resource areas (such as nesting bird buffers and Spotted owl restricted area) and the GPS units are uploaded with the latest resource information coordinates on a daily basis. No incursions were noted during the review period of July 21 to August 4. The next helicopter review will take place on August 21.
7. On July 24, SCE submitted a request for clarification regarding the seasonal restriction conditions from November 1 to March 31 related to the California red-legged frog on Segment 11 from the USFS. SCE requested clarity on the ingress/egress, BMP inspection/maintenance/repair, and herbicide application within the areas south of Aliso Canyon Road. USFS is currently reviewing this submittal.
8. On July 24, a SCE Biologist noted three dead baby squirrels within a construction tarp at the Cogswell HAY. The carcasses and nesting material were moved beyond the disturbance limits. At the Aliso HAY, a SCE Biologist observed a juvenile southwestern pond turtle carcass within the work area. On

July 25, a SCE Biologist noted one dead southern alligator lizard on Loop Road L near Construct 86; it is unknown if it is TRTP related. On Loop Road L near Construct 72, a SCE Biologist noted one dead western grey squirrel; it is unknown if it is TRTP related.

9. On July 27, a SCE Biologist noted vehicles parked within bat habitat Environmentally Sensitive Area (ESA) at Material Yard 58 on Segment 11B. No impact was noted.
10. SCE submitted to the USFS, CDFW, and the CPUC a weekly nesting bird reporting spreadsheet reflecting nesting birds that have been identified as of July 25, 2013. No new nests were reported during this subject period.
11. No nesting bird buffer reduction requests were submitted by SCE to the USFS during the subject period.
12. San Diego desert woodrat middens located in Segment 6A off USFS lands were monitored by project Biologists during the subject period. No middens were relocated during the subject week.
13. Special-status species were observed during the subject period on Segment 6 by Biological Monitors which included a great blue heron, southwestern pond turtle, coast horned lizard, two-striped garter snake, American dipper, Coast range newt, Cooper's hawk, olive-sided flycatcher and yellow warbler. A white-tailed kite was noted along the Segment 11C alignment.

No CPUC Project Memorandum was issued for Segment 6 during this reporting period. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than CPUC EMs):

Mike Roberts, ANF

SEGMENTS 7 AND 8 – LOS ANGELES AND SAN BERNARDINO COUNTIES

Summary of Activity

SCE's construction contractors (Wilson, DCX, and Tri State) for 230/500 kV work have demobilized from Segments 7 and 8 and a new contractor will finish the remaining overhead construction activities after the Supplemental EIR/EIS addressing FAA regulations has been finalized. In support of the CPUC decision on July 11, 2013 (13-07-018) to remove the already constructed overhead towers in Chino Hills and place the circuit underground, a Notice to Proceed Request has been submitted for the existing, overhead infrastructure removal (see Table 1). A separate Notice to Proceed Request for the underground installation is expected in September. Limited SCE crews are conducting work as presented below.

Segments 7 and 8 66 kV:

1. SCE crews performed construction activities within Vault 43214 to Chino riser pole.

Segment 7

2. No work occurred in Segment 7.
3. To date, 100% of the conductor of the existing 220 kV Antelope-Mesa line has been removed and 100% of the structures have been removed. Of the 78 new double circuit 500 kV structures on the Mira Loma-Vincent line, a total of 19% of the conductor is strung, 96% of the foundations are complete and the structure assembly is 65% complete.

Segment 8 Phase 1

4. No work occurred in Phase 1.
5. To date, 100% of the conductor and structures have been removed from the existing 220 kV Chino-Mesa and Mira Loma-Walnut and Mira Loma-Olinda lines.

Segment 8 Phase 2

6. No work occurred in Phase 2.
7. Both 220 kV circuits (Chino–Mira Loma #1 and #2) were energized in June 2011.

Segment 8 Phase 3

8. Preconstruction surveys for the remainder of Phase 3 work areas (Towers M68-T1 to M71-T4) were submitted on May 31. The CPUC EM verified the flagging of resources in the field. Due to continual farming and dairy operations in the area, disturbance area flagging is being placed and removed daily. The surveys were approved on June 4. Work in other areas covered by previous preconstruction surveys began on June 3. SCE crews are conducting the preliminary construction work in Phase 3 until a new transmission line contractor takes over construction later this year.
9. Weed abatement occurred at the Mira Loma Material Yard.
10. Vegetation clearing occurred at Towers M5-T4, M66-T8 and M66-J8.
11. Final grading activities occurring between Towers M71-T6 to M72-T2.
12. Concrete placement and foundation drilling occurred at Towers M66-T8/J8 and M71-T6 (see Figure 3).
13. Splices were removed, and rollers and guard structures were installed at Towers M5-T2, M5-T3, and M5-T4.

Segment 8 Phase 4

14. Vegetation clearing activities occurred at Tower M49-T2 (see Figure 4).
15. To date, 100% of the conductor and 100% of the structures on the existing 220 kV Chino-Mesa line have been removed.
16. In all phases of Segment 8, 72% of foundations and 65% of towers are complete. 18% of wire has been strung.

Environmental Compliance:

1. SCE has requested an alternate approval process for Segment 8 Phase 3 road changes due to the constant farming and access road changes in the Phase 3 right-of-way. SCE will submit an alternate access approval process for CPUC review.
2. A project-wide stop work order was issued on October 19, 2011, for work subject to FAA mitigation. SCE was ordered to not perform any new or additional tower construction and conductor stringing in areas that have a high probability of being subject to FAA mitigations. In addition, conductor stringing in the City of Chino Hills within 1000 feet of any residents should not be undertaken.
3. Per CPUC direction, GPS tracking of helicopters used for TRTP is to be implemented, with data to be reviewed by the CPUC for compliance monitoring. According to SCE, the GPS equipment and data program should be available in March 2013; however, there is no planned use of helicopters in the near future because of construction contractor demobilization.
4. Seven burrowing owl buffer reduction requests were submitted for Segment 8 during the subject period to CDFW. CDFW response is pending.
5. Two San Diego desert woodrat middens located in Segment 8 Phase 4 were relocated by project Biologists during the subject period.
6. Coastal California gnatcatcher, least Bell's vireo, and yellow warbler were among the sensitive species observed during the subject period by Biological Monitors.

No CPUC Project Memoranda or Non-Compliance Reports were issued during the subject period for Segments 7 and 8. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than CPUC EMs):

None

CPUC NOTICES TO PROCEED (NTPS) & ANF PERMITTING

Table 1 summarizes the CPUC Notice to Proceed and ANF permitting activity for the Antelope Transmission Projects, Segments 1-3, and TRTP, Segments 4-11, to date.

TABLE 1
CPUC NTPs & ANF PERMITTING
(Updated 08/09/13)

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|---|-------------------|----------------|---------------|---|
| CPUC NTPs, Segments 1-3 | | | | |
| <i>For CPUC NTP and Addendum activity on Segments 1-3 prior to 2010, please see Table 1 in Weekly Reports 106, 107.</i> | | | | |
| #26 | 12/18/09 | 01/05/10 | 1 | Expansion of Antelope Substation |
| CPUC Addendum | 12/21/09 | 01/19/10 | 1 | Permanent AR 19 and access road to Const 34A |
| CPUC Addendum | 12/21/09 | 01/19/10 | 1 | Permanent refueling basin at Hydrant Yard |
| #27 | 12/23/09 | 01/05/10 | 3B | Oak Peak Communication Site |
| CPUC Addendum | 01/25/10 | 02/01/10 | 2 | Reclassification of two temporary roads to permanent and relocation of transposition poles |
| Revised CPUC Addendum | 02/10/10 | 02/19/10 | 2 | Relocate two previously approved transposition towers from Const 110 to Const 105 |
| #28 | 02/10/10 | 02/18/10 | 3B | Highwind Marshaling Yard |
| #28 MOD | 05/21/12 | 05/30/12 | Highwind Yard | Entrance road and fence relocation. |
| #29 | 02/10/10 | 03/02/10 | 1 | Relocation of the Sagebrush Transmission Line at the Antelope Substation expansion area |
| CPUC Addendum | 03/17/10 | 03/26/10 | 3A | Vertical mulching, capping of a portion of the existing roadway, and making this overland route a permanent access for SCE operations and maintenance to Const 43 |
| CPUC Addendum | 04/06/10 | 04/27/10 | 3B | Elimination of transposition towers in Segment 3B |
| CPUC Addendum | 04/16/10 | 04/22/10 | 1 | Installation of fiber optics surrounding the Antelope Expansion |
| CPUC Addendum | 05/25/10 | 06/04/10 | 1 | Permanent overland travel routes for Operation and Maintenance inspections |
| CPUC Addendum | 05/25/10 | 06/04/10 | 2 | Permanent overland travel routes for Operation and Maintenance inspections |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|-------------------------|----------------------|----------------|------------------------|--|
| CPUC Addendum | 11/23/10 | 12/14/10 | Windhub Substation | Place additional riprap at the channel outlet at Windhub Substation, to mitigate for downstream erosion resulting from 2009/2010 rains |
| #30 | 12/01/11 | 02/21/12 | 3B | Construction of Segment 3B Towers 1-14 |
| #30 MOD | 03/21/12 | 03/26/12 | 3B | Use of alternate existing access road and change of road improvement designation. |
| #31 | 01/16/12 | 03/05/12 | Highwind Substation | Construction of Highwind Substation, Kern County |
| Final Engineering | 06/22/12 | 07/12/12 | Highwind Substation | Relocation of telecommunication tower @ Monolith Substation. |
| Final Engineering | 10/11/12 | 10/18/12 | Highwind Substation | Extension of 12 kV line into Highwind Substation. |
| #32 | 12/01/11 | 03/23/12 | 3B | Construction of Segment 3B Towers 15-75 |
| CPUC Addendum | 12/02/11 | 03/14/12 | 3B | Installation of cathodic protection for neighboring pipelines. |
| #32 MOD | 05/11/12 | 05/25/12 | 3B | Road changes to Segment 3B Towers 15-78 and shift in Tower 39. |
| Final Engineering | Resubmit 06/15/12 | 07/12/12 | 3B | Gas pipeline cathodic protection changes. |
| Final Engineering | 06/22/12 | 07/12/12 | 3B | Telecommunication equipment at Monolith Substation. |
| Final Engineering | 06/12/12 | 08/13/12 | 3B | Gas pipeline cover. Data request sent 06/12/12. Additional data submitted to CPUC 08/06/12. |
| Final Engineering | 08/03/12 | 09/10/12 | 3B | Road and grading changes and storm drain installation. Additional information requested 08/23/12. |
| Final Engineering | 09/06/12 | 10/09/12 | 3B | Use of existing roads for stringing and gradient control mat. |
| Final Engineering | 09/28/12 | 10/18/12 | 3B | AC mitigation ground rod testing and relocation of test site. |
| Final Engineering | 10/19/12 | 11/01/12 | 3B | Additional AC Mitigation Zinc ribbons and ground rods. |
| CPUC NTPs Segments 4-11 | | | | |
| #1 | 01/13/10 | 02/11/10 | 4, 5, 10 | Yard 28 |
| #2 | 01/28/10 | 03/10/10 | 9 | Vincent Substation Expansion |
| #3 | 03/09/10 | 04/01/10 | 7,8 | Rancho Vista Yard |
| CPUC Addendum | 04/09/10 | 04/19/10 | 9 | Changes to Substation components |
| #4 | 01/27/10 | 04/26/10 | 7, 8 | Segment 7 and 8 Cell Sites |
| #5 | 01/27/10 | 04/30/10 | 7 | Segment 7 Telecom |
| #6 | 03/29/10 | 05/12/10 | 7,8 | Mesa Materials Storage Yard |
| #7 | 05/12/10 | 05/28/10 | 8 | Segment 8 telecommunications |
| #7 Mod | 08/20/10 | 08/20/10 | 8 | Minor re-routes to Segment 8 Telecom |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------|--|---------------------|---------------|--|
| #8 | 04/27/10 | 06/04/10 | 8 | Segment 8 Contractor Yards |
| #9 | 07/21/10 | 07/29/10 | 7 | Segment 7 Contractor Yards |
| #10 | 04/08/10 | 08/03/10 | 7, 8 | 66 kV re-route and relocation |
| #10 Mod | 01/28/11 | 02/04/11 | 7/8 66 kV | Replace 14 existing wooden H-frames poles with steel H-frame poles in order to support the double 66 kV circuit |
| #10 Mod | 12/03/10 | Retracted by SCE | 7/8 66 kV | Change the design of the 66 kV line entry into the Chino Substation from underground to overhead. Visual simulation pending. |
| #10 Mod | 03/15/11 | 03/22/11 | 7/8 66 kV | Removal and replacement of 21 wood poles with lightweight steel poles within Rio Hondo Substation |
| #10 Mod | 04/22/11 | 04/29/11 | 7/8 66 kV | Underground telecom |
| #10 Mod | 04/22/11 | 05/03/11 | 7/8 66 kV | Chino pole removals |
| #10 Mod | 05/23/11 | 06/02/11 | 7/8 66 kV | Realignment of approximately 500 feet of 66 kV underground transmission line |
| #10 Mod | 07/20/11 | 07/25/11 | 7/8 66 kV | Dusty underground connection |
| #10 Mod | 08/26/11 | 09/01/11 | 7/8 66 kV | New Fiber Optic Underground trench |
| #10 Mod | 08/29/11 | 09/08/11 | 66 kV | Insulator replacement in Montebello Hills |
| #10 Mod | 09/28/11 additional information submitted 10/11/11 | 10/21/11 | 66 kV | Additional work areas and poles |
| #10 Mod | 10/31/11 | 11/04/11 | 7, 8 66 kV | Additional underground trenching near Edison Avenue |
| #10 Mod | 11/02/11 | 11/09/11 | 66 kV | Pole removal along Siphon Road |
| #10 Mod | 12/13/11 | 12/22/11 | 7/8 66 kV | San Gabriel Dip extra work space and vault shift |
| #10 Mod | 01/31/12 | 03/01/12 | 7/8 66 kV | Removal and installation activities at Pole No. 1431134E |
| Final Engineering | 08/06/12 | 08/13/12 | 7/8 66 kV | Structure Installation, various reframing, installation of ground and guy wire, and shift activities. |
| Final Engineering | 08/06/12 | 08/13/12 | 7/8 66 kV | Removal of Structures and performing sag adjustment activities. |
| #11 | 05/08/10 | 08/12/10 | 8 | Segment 8 Transmission Line, Chino Hills, Phase I |
| #11 Mod | 09/07/11 | 09/12/11 | 8 | Increased grading limits for access road to towers M57-T1 and M24-T1A |
| #11 Mod | 01/03/12 | 01/05/12 | 8 | Relocation of a distribution pole and use of associated disturbance areas |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------|-------------------|----------------|----------|---|
| #11 Mod | 12/19/11 | 01/17/12 | 8 | Structure additions or modifications, and associated structure work areas/access |
| Final Engineering | 05/28/13 | 06/18/13 | 8 | Modification of access road from Everest Drive to M59-T2. |
| #12 | 07/28/10 | 08/20/10 | 4, 5, 10 | Segment 4, 5, 10 Contractor Yards |
| #13 | 07/19/10 | 08/24/10 | 8 | Segment 8 Transmission Line, Phase 2 and 3 |
| Final Engineering | 06/22/12 | 07/23/12 | 8 | Addition of two towers M0-T9A and M66-J8, Segment 8 Phase 3. |
| Final Engineering | 01/31/13 | 04/30/13 | 8 | Access road and structure shifts. |
| #14 | 08/25/10 | 09/03/10 | 4 | Partial Transmission Line work associated with an LADWP outage |
| #15 | 08/13/10 | 09/10/10 | 5 | Segment 5 Transmission Line |
| #15 Mod | 03/08/11 | 03/14/11 | 5 | Modification of FOC alignment |
| #15 Mod | 06/16/11 | 06/21/11 | 5 | Additional disturbance areas for grading limits in 5 locations |
| #15 Mod | 06/16/11 | 06/24/11 | 5 | Temporary additional workspace near Tower 20 |
| #15 Mod | 10/18/11 | 10/25/11 | 5 | Relocate CT 68 and associated extra work space |
| #15 Mod | 03/23/12 | 03/30/12 | 5 | Additional disturbance areas for drainage drain installation. |
| #15 Mod | 03/14/12 | 04/18/12 | 5 | Installation of two H-frame structures within the Sagebrush alignment to allow of clearance or TRTP conductor |
| Final Engineering | 07/27/12 | 08/13/12 | 5 | Installation of guard rails at Tower 19. |
| Final Engineering | 09/17/12 | 09/17/12 | 5 | Fencing for retaining wall at Construct 42. |
| #16 | 08/30/10 | 09/13/10 | 4 | Segment 4 Transmission Line |
| Final Engineering | 11/15/12 | 11/20/12 | 4 | Installation of a transition pole outside of Whirlwind Substation. |
| #17 | 08/10/10 | 09/24/10 | 7 | Segment 7 Transmission Line |
| #17 Mod | 01/13/11 | 02/25/11 | 7 | Segment 7 66 kV wreck-outs |
| #17 Mod | 07/06/11 | 07/19/11 | 7 | Access road additions, modifications, grading limit modifications, and OPGW splice sites |
| #17 Mod | 07/15/11 | 07/19/11 | 7 | Removal of existing overhead ground wire and skywrap and replacement with fiber optical ground wire |
| #17 Mod | 02/24/12 | 03/01/12 | 7 | Extra work space at M32-T4 |
| Final Engineering | 03/12/13 | 03/20/13 | 7 | Recreational trail reroute at Towers M39-T4 and M39-T5. |
| Final Engineering | 07/08/13 | Approved | 7 | Expansion of grading area to construct access road to Tower M27-T3 in Duarte. |
| #18 | 10/13/10 | 10/15/10 | 7 | Potrero Grande Contractor Yard |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------|--|----------------|------------------------|--|
| #19 | 10/29/10 | 11/12/10 | 4, 5, 10 | Avenue F Contractor Yard |
| #20 | 10/08/10 | 11/30/10 | 10 | Segment 10 Telecom |
| #20 Mod | 04/19/11 | 05/06/11 | 10 Telecom | Changes to telecom route. ITP/BO acreage confirmation pending |
| #20 Mod | 06/17/11 | 06/24/11 | 10 Telecom | Additional trenching and vault placement along Oak Creek Road |
| #21 | 11/18/10 | 12/09/10 | 6 & 11 | Vincent North Material Yard |
| #21 Mod | 06/10/11 | 06/24/11 | Vincent North MY | Telephone and IT installation at Vincent North Material Yard |
| #22 | 11/18/10 | 12/09/10 | 6 & 11 | Vincent South Material Yard |
| CPUC Addendum | 11/22/10 | 12/14/10 | Vincent Substation | Section of road widening and riprap extension for the Vincent Substation expansion |
| #23 | 12/22/10 | 01/11/11 | 6 & 11 | Material Yard 75 |
| #24 | 11/10/10 | 01/13/11 | 8 | Segment 8 West, Phase 4 Transmission Line |
| #24 Mod | 06/15/11 | 06/20/11 | 8 | Access road to M3-T3A and M48-T1, Segment 8 Phase 4 |
| #24 Mod | 11/14/11 | 11/17/11 | 8 | Lower 66 kV line at I-605 shoofly |
| #24 Mod | 11/30/11 | 12/15/11 | 8 | Shift in M52-T2 structure location and associated extra work space and access roads |
| #24 Mod | 03/20/12 | 04/16/12 | 8 | Segment 8, Phase 4 Access road and structure additions and modifications. |
| #24 Mod | 04/03/12 | 04/24/12 | 8 | Access roads on Rose Hills and Sanitation District roads. |
| #24 Mod | 04/11/12 | 04/24/12 | 8 | Permanent access road to M49-T1 and M2-T4a |
| #24 Mod | 05/22/12 | 06/05/12 | 8 | Curve widening along access roads between M49-T2 and M51-T5. |
| Final Engineering | 11/28/12 | 12/06/12 | 8 | Final Engineering for permanent access road leading to M49-T2. |
| Final Engineering | 03/05/13 | 05/07/13 | 8 | M43-T3/M8-T1A access road. |
| Final Engineering | 02/11/13 Additional information submitted 05/28/13 | 06/05/13 | 8 | Two Phase 4 turnout expansions. |
| Final Engineering | 05/16/13 | 06/11/13 | 8 | Access road at M44-T3/M7-T2B. |
| #25 | 11/19/10 | 01/13/11 | 8 | Fullerton (1) and Tonner Canyon (2) Contractor Yards. USFWS/CDFG survey requirements for Tonner Canyon required. Only Fullerton CY approved under NTP #25. |
| #26 | 06/22/10 | 01/14/11 | 9 | Whirlwind Substation |
| #27 | 01/03/11 | 03/08/11 | 10 | Segment 10 Transmission Line |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|------------------------------------|----------------------------------|-----------------|---------|---|
| #27 Mod | 10/13/11 | 10/21/11 | 10 | Relocation of Tower 39, in line shift |
| #27 Mod | 11/01/11 | 11/10/11 | 10 | Additional guard pole and turning radii locations |
| #27 Mod | 11/14/11 | 11/21/11 | 10 | Modify road near CT 25 |
| CPUC Addendum | 03/01/11 | 03/17/11 | 9 | Bridge construction to access Whirlwind Substation |
| #28 | 04/22/11 | 05/06/11 | 6, 11 | Construction Yard 58 |
| #29 | 05/06/11 | 05/13/11 | 6, 11 | San Gabriel Yard |
| #30 | 05/16/11 | 06/07/11 | 4, 5 | Modifications to the Midway Vincent #3 T/L |
| #31 | 06/24/11 | 06/30/11 | 11A | Segment 11A Transmission Line Goodrich to Mesa (off ANF) |
| #32 | 09/12/11 09/14/11 10/13/11 | 11/09/11 | 6A | Construction of Towers 1-35 on private (non-ANF) lands |
| #32 Mod | 01/18/12 | 02/08/12 | 6A | Additional work areas outside of ANF lands |
| Final Engineering | 08/28/12 | 09/11/12 | 6A | Rev 4 engineering changes, non-ANF. |
| Final Engineering | 02/21/13 | 03/29/13 | 6A | Gate replacement/installation. |
| #33 | 12/02/11 | 01/13/12 | 6B | Construction of Towers 35-72 on private (non-ANF) lands |
| #34 | 01/24/12 | 02/13/12 | 11D | Gould and Goodrich Substations |
| #35 | 01/26/12 | 05/16/12 | 6C | Construction of Towers 72-113 on private (non-ANF) lands |
| Final Engineering | 07/15/13 | To CPUC | 6C | Modifications to grading area near Tower 113 off ANF lands. |
| #36 | 07/25/12 | 07/30/12 | 8 | Geotechnical investigations in Chino Hills. |
| #37 | 07/20/12 revised 01/09/13 | 04/25/13 | 11B | Construction of Segment 11B, Gould to Goodrich (off ANF). Pending FAA concurrence. |
| | 08/01/13 | Under Review | 8 | Chino Hills underground: removal of existing towers and foundations. |
| ANF PERMITTING – Segment 1, 6 & 11 | | | | |
| | 11/29/07 | 12/14/07 | 1 | Radio Repeater – installation of a temporary radio repeater site on Sierra Pelona Ridge to provide communication during construction activities tied to the project. Improvement installation began Jan. 11 |
| | 09/27/07 | 12/14/07 | 1 | Geotechnical testing – 23 geotechnical borings are authorized on National Forest lands to provide additional information that will be used in the design of the transmission towers. Notice to proceed was signed Jan 31 to begin work the week of Feb. 3 |
| | | 07/14/08 | 1 | Removal of the 66 kV conductor within the ANF, from Tower 7-3 (near southern Forest boundary) to 16-3 (near Bouquet Reservoir) Phase I |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|--------------------|-------------------|---|---------|---|
| | | 09/23/08 | 1 | Removal of the 66 kV conductor within the ANF, Phase II |
| | | 10/23/08 | 1 | Construction of the 500 kV transmission line and wreck-out of the 66 kV towers in the ANF, Section 2 |
| SUP | | 09/21/11 | 6 | Construction of Segment 6 towers |
| NTP | | 11/07/11 | 6A | Authorization to start construction of Towers CT1-CT35 |
| NTP | | 01/11/12 | 6B | Authorization to start construction of Towers CT35-CT72 |
| NTP | | 05/14/12 | 6C | Authorization to start construction of Towers CT73-CT113. |
| NTP | | 04/23/13 | 11B | Authorization to start construction of Segment 11B. |
| NTP | 07/29/13 | Under Review | 8 | Removal of towers and foundations from Chino Hills Underground alignment. |
| Change Request #1 | 01/05/12 | 01/09/12 | 6 | Radio repeater station locations allowed under SUP |
| Change Request #2 | 01/20/12 | 01/31/12 | 6 | Use of Turnaround, water tank, and Rincon Red Truck Trail |
| Change Request #3 | 01/12/12 | 01/31/12 | 6 | Engineering changes to reduce soil cut volume and minimize stockpile locations |
| Change Request #4 | 02/12/12 | 05/11/12 | 6 | Engineering changes to 6C |
| Change Request #5 | 02/23/12 | 02/23/12 | 6 | Redbox 16 kV Shoofly near Tower 71 |
| Change Request #6 | 02/27/12 | 02/29/12 | 6 | Extension to complete wire removal work within Arroyo toad restriction area up to March 3 |
| Change Request #7 | 03/16/12 | 03/16/12 | 6 | Barley Flats Repeater |
| Change Request #8 | 05/10/12 | Additional information requested 06/01/11 | 6, 11 | Modification of Construction Work Plan to describe Helicopter Assembly Yard (HAY) development activities. |
| Change Request #9 | 06/08/12 | 06/22/12 | 6, 11 | AQ-1d Use of wire pullers with pre 2006 engines |
| Change Request #10 | 08/02/12 | 09/06/12 | 6 | Temporary Work areas for guy wire staking. |
| Change Request #11 | 08/14/12 | 09/04/12 | 6 | Civil engineering changes to Segment 6B. |
| Change Request #12 | 08/22/12 | Denied | 6 | Helicopter removal of 4 wreck-out towers in 6B. |
| Change Request #13 | 08/22/12 | 09/04/12 | 6 | Additional work space at Construct 35. |
| Change Request #14 | 08/23/12 | 09/10/12 | 6 | Additional work spaces in Segment 6A. |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------------|-------------------|----------------|---------|--|
| Change Request #15 | 08/29/12 | 11/15/12 | 6, 11 | Addition of repeater to Mount Sally. |
| Change Request #16 | 09/08/12 | 09/17/12 | 6, 11 | BMP maintenance in arroyo toad areas during restricted season. |
| Change Request #17 | 09/10/12 | 01/25/13 | 6 | Foot trail and landing zone changes. |
| Change Request #18 | 09/11/12 | 09/20/12 | 6, 11 | Use of pullouts along Big Tujunga for water tank storage. |
| Change Request #19 | 09/16/12 | 09/18/12 | 6 | Using soil from off ANF (near Tower 5) at Construct 8. |
| Change Request #20 | 11/19/12 | 01/26/13 | 6 | Installation of McCarthy drain at Construct 44. |
| Change Request #21 | 11/19/12 | 01/26/13 | 6 | Installation of McCarthy drain at 59B. |
| Change Request #22 | 11/30/12 | 01/26/13 | 6 | Installation of McCarthy drain at 192. |
| Change Request #23 | 12/03/12 | 05/21/13 | 6 | Temporary work area at M31-T2. |
| Level 2 Change Request #24 | 11/30/12 | 01/08/13 | 6, 11 | Allow overnight storage of jet fuel at Chilao Summit Helicopter Assembly Yard. |
| Change Request #25 | 12/18/12 | 01/26/13 | 6 | Installation of a pipe gate at Gold Queen Mine near Tower 29. |
| Change Request #26 | 01/04/13 | 01/26/13 | 6 | Repair of access road using Hilfiker wall near Tower 78. |
| Change Request #27 | 01/19/13 | 01/26/13 | 6 | Removal of rock on Alder Creek Road. |
| Change Request #28 | 02/04/13 | 02/14/13 | 6 | Arroyo toad work completion. |
| Change Request #29 | 02/26/13 | 05/21/13 | 6 | Trail landing zone 91. |
| Change Request #30 | 02/11/13 | 05/21/13 | 6 | Placement of cut vegetation along access roads. |
| Change Request #31 | 03/19/13 | 05/21/13 | 6 | Installation of gates on access roads to Mill Creek, and Constructs 68-70. |
| Change Request #32 | 04/29/13 | 06/11/13 | 6 | Installation of a double McCarthy drain near Construct 79, Segment 6C. |
| Change Request #33 | 05/20/13 | 06/28/13 | 6 | Removal of telecom wire removal near Tower 95, Segment 6C. |

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 08/09/13)

| Variance Request | Date Requested | Date Issued | Segment | Description |
|--|---------------------------------|-----------------|-----------|--|
| Variance Requests, Segments 1-3 | | | | |
| <i>For Variance Request activity on Segments 1-3 prior to 2010, please see Table 2 in Weekly Reports 106, 107.</i> | | | | |
| VR #66 | 01/11/10 | 01/19/10 | 1 | Modify the requirements of Mitigation Measure B-1a (Provide Restoration/Compensation for Impacts to Native Vegetation Communities) to fulfill a request from the property owner |
| VR #67 | 01/15/10 | 01/19/10 | 3A | Modify requirements of Mitigation Measure B-27b and APMs BIO-2 and BIO-7 to preserve cut Joshua trees onsite instead of off-site disposal to the extent possible for habitat creation purposes |
| VR #68 | 04/09/10 | 04/12/10 | 1 | Release restoration requirements on road to wreck-out Tower 20-4 in Section 3 |
| VR #69 | 05/04/10 | 05/07/10 | 1 | Contractor Yards surrounding Antelope Substation |
| VR #69 MOD | 07/29/10 | 08/02/10 | 1 | Additional space for storage at Antelope Substation for material being delivered for Antelope, Vincent and Whirlwind substations |
| VR #70 | 06/02/10 | 06/04/10 | 1 | Additional disturbance areas adjacent to the pole erections for the 220 kV Sagebrush relocation work around the Antelope Substation |
| VR #71 | 06/22/10 | 06/23/10 | 1 | Change in construction work hours for work on the Sagebrush 220 kV transmission line |
| VR #71 MOD #1 | 06/24/10 | 06/25/10 | 1 | Expansion of construction hours for Sagebrush 220 kV T/L and foundation installation work at Antelope Substation |
| VR #71 MOD #2 | 07/08/10 | 07/09/10 | 1 | Further expansion of construction hours for Antelope Substation construction |
| VR #71 MOD #3 | 11/18/10 | 11/19/10 | 1 | Further expansion of construction hours for Antelope Substation construction |
| | 02/07/12 Revised 06/06/12 | Under Review | 1 | Exemption of restoration requirements in areas where livestock grazing has occurred. |
| Variance Requests, Segments 4-11 | | | | |
| VR #1 | 03/25/10 | 03/26/10 | 9-Vincent | Expand grading area of Vincent substation by 15 feet for temporary turnaround areas for equipment |
| VR #2 | 05/25/10 | 05/27/10 | 7 | Relocation of helicopter landing zone for Segment 7 telecommunications work |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|------------------|-------------|-----------------------------|---|
| VR #3 | 06/08/10 | 06/10/10 | 7 | Clarification of Segment 7 Telecom construction operating hours and to work the weekend dates of June 12, 13, 19, and 20, within the City of Irwindale |
| VR #4 | 08/11/10 | 08/13/10 | 9-Vincent | Utilize a fire hydrant along an unpaved spur road and also place two 10,000-gallon elevated water storage tanks adjacent to the hydrant |
| VR #5 | 08/20/10 | 08/20/10 | 7 | Night work for Segment 7 Telecom |
| VR #6 | 08/26/10 | 08/26/10 | 8 | Work on weekends for Segment 8 Telecom |
| VR #7 | 09/10/10 | 09/16/10 | 8 | New wire setup and pull sites for Segment 8 Phase 1 |
| VR#8 | 09/16/10 | 09/16/10 | 8 | Clarification of construction hours for Segment 8 Phase 1 |
| VR #9 | 09/14/10 | 09/20/10 | Yard 28 & Rancho Vista Yard | Hotwork (welding and cutting) at Yard 28 and Rancho Vista Yard |
| Verbal | 10/08/10 | 10/08/10 | 8, Phases 2 & 3 | Wire sites for construction on Sunday, October 10 |
| VR #10 | 10/08/10 | 10/13/10 | 8 | Additional Phase 2 & 3 wire sites |
| VR #11 | 10/01/10 | 10/15/10 | 8 | Relief from focused biological survey requirements because of restricted property access, Phase I |
| VR #12 | 10/06/10 | 10/15/10 | 8 | Additional Phase I wire sites |
| VR #13 | 11/09/10 | 11/17/10 | 5 | Additional wire stringing sites |
| VR #14 | 11/17/10 | 11/19/10 | 8 | Additional Shoofly pole in Tonner Canyon, Segment 8, Phase 1 |
| VR #15 | 11/18/10 | 11/19/10 | 5 | Additional guard poles between Highway 14 and Sierra Highway |
| VR #16 | 11/12/10 | 11/19/10 | 5 | Realign an existing access road at the southeastern corner of the Vincent Substation 500 kV expansion area to allow for the construction of the Segment 5 T/L |
| VR #17 | Revised 11/17/10 | 11/22/10 | 8 | Additional 66 kV material storage near Rio Hondo and Chino Substations |
| VR #18 | 11/24/10 | 12/01/10 | 5 | Continue use of two existing access roads that are approved under a TEWS |
| VR #19 | Revised 11/23/10 | 12/01/10 | 5 | Additional wire stringing sites |
| VR #20 | 11/30/10 | 12/02/10 | 8 | Revised alignment of an access road for safer access to tower sites |
| VR #21 | 12/03/10 | 12/03/10 | 7/8 | Remove fabric on chain-link fence surrounding Mesa MY because of graffiti |
| VR#22 | 11/22/10 | 12/07/10 | 7 | Additional wire stringing sites |
| VR #23 | 12/03/10 | 12/09/10 | 7 | Ten additional access roads |
| VR #24 | 12/17/10 | 12/20/10 | 8 | Use of an existing concrete parking area/pad in Tonner Canyon as a helicopter landing zone and equipment staging and parking area, Segment 8, Phase I |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|-------------|---------------|---|
| VR #25 | 12/17/10 | 12/20/10 | 8 | Revision to the Structure Work Area for Tower M73-T2, Segment 8, East (Phase III) |
| VR #26 | 01/06/11 | 01/06/11 | 7 | Revised disturbance areas in Montebello Hills |
| VR #27 | 01/12/11 | 01/13/11 | 7 | Relocation of interset tower M54-T3a |
| VR #28 | 01/14/11 | 01/19/11 | Yard | Grading at Vincent South Material Yard |
| VR #29 | 01/14/11 | 01/19/11 | Yard | Additional parking areas at Rodeo North and South Contractor Yards |
| VR #30 | 01/28/11 | 01/28/11 | Yard | Grading at Vincent North Material Yard |
| VR #31 | 02/04/11 | 02/04/11 | 7, 8 | Revised 66 kV underground alignment along Edison Avenue in the City of Chino |
| VR #32 | 02/04/11 | 02/07/11 | Whirlwind | Temporary offsite equipment loading/unloading and parking area |
| VR #33 | 02/08/11 | 02/10/11 | 8 | Access route to Tower M0-T6 |
| VR #34 | | 02/11/11 | Whirlwind | Temporary concrete slab within work area (VR #32) |
| #35 | 02/14/11 | 02/14/11 | 8 | Access to additional wire setup sites between Oaks Avenue and Tower M46-T7b |
| #36 | 02/14/11 | 02/15/11 | 10 Telecom | Move two wood poles approximately 5 feet out of the drainage along Oak Creek Road |
| #37 | 02/19/11 | 02/24/11 | 6 | Modification to Yard 75 boundaries |
| #38 | 02/23/11 | 02/25/11 | 8 | Expansion of wire site for Phase 4 work |
| #39 | 03/01/11 | 03/03/11 | All Yards | Replace fence fabric screening with slats for safety reasons during high wind events |
| #40 | 03/02/11 | 03/03/11 | 5 | Additional access road to Construct 29 |
| #41 | 03/04/11 | 03/08/11 | 5 | Additional access road improvements |
| #42 | 03/04/11 | 03/08/11 | 4 | Additional access road improvements |
| #43 | 03/03/11 | 03/10/11 | 8 | Additional access to Tower M2-T2 |
| #44 | 03/16/11 | 03/18/11 | 8 | Tower M2-T5 and access road shift within SCE ROW |
| #45 | 03/22/11 | 03/25/11 | 5 | Soil Stockpile areas at three locations |
| #46 | 03/25/11 | 04/04/11 | 7 | Temporary disturbance areas for underground disturbance, 66 kV |
| #47 | 04/05/11 | 04/06/11 | 8 | Wire Setup Sites for Tower M2-T2 |
| #48 | 04/06/11 | 04/08/11 | 5,8 | Start of construction prior to Los Angeles County Public Works grading permit issuance |
| #49 | 04/06/11 | 04/08/11 | 8 | Extended work hours on Segment 8, Phase 2 |
| #50 | 04/05/11 | 04/13/11 | 8 | Turnouts along Sanome Mountain Way |
| #51 | 03/29/11 | 04/13/11 | 8 | Water bar repair and construction |
| #52 | 04/11/11 | 04/14/11 | 7 | Additional access to Intersect M54-T3A |
| #53 | 04/05/11 | 04/15/11 | 5, 8 | Permission to build slope stabilization Towers prior to L.A. County Public Works Permit |
| #54 | 04/14/11 | 04/18/11 | 5 | Soil stockpile area near Tower 27 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---------------------------------|----------------|---------|---|
| #55 | 04/12/11 | 04/20/11 | 4 | Relocate two towers and associated access roads and disturbance areas within ROW |
| #56 | 04/13/11 | 04/20/11 | Yards | Installation of temporary power poles to provide power to Vincent North and Vincent South Material Yards |
| #57 | 04/07/11 | 04/25/11 | 7 | Additional improvements to Van Tassel Motorway |
| #58 | 05/02/11 | 05/05/11 | 8 | Tower M48-T4 access road |
| #59 | 05/06/11 | 05/09/11 | 8 | Segment 8 Phase 1, M49-T1 and M59-T2 additional parking, staging and turn-around areas |
| #60 | 04/25/11 | 05/13/11 | 7 | Wire Setup Site expansions |
| #60 Mod | 04/25/11 | 06/06/11 | 7 | Additional Wire Setup Site 7.1a |
| #61 | 05/11/11 | 05/13/11 | 5 | Additional access off Godde Hill Road |
| #62 | 05/12/11 | 05/18/11 | 7 | Soil stockpile area near M27-T3 |
| #63 | 05/19/11 | 05/23/11 | 8 | Change to previously approved access road at M61-T1, Segment 8 Phase 1 |
| #64 | 05/23/11 | 06/06/11 | 8 | Extra work space to accommodate wire tagging areas |
| #65 | 05/25/11 | 06/06/11 | 8 | Extra parking, staging and turnaround at Tower M48-T3 |
| #66 | 05/26/11 | 06/06/11 | 5 | Elizabeth Lake access road |
| #67 | 05/27/11 | 06/06/11 | 8 | Additional workspace near M23-T2A in Segment 8 Phase 1 |
| #68 | 05/10/11 Revised 06/14/11 | 06/24/11 | All | Allow continued use of approved TEWS access roads if nesting birds subsequently move in |
| #69 | 06/14/11 | CPUC Review | All | Variance to MM AQ-1d |
| #70 | 06/14/11 | 06/30/11 | 5 | Change in pulling site locations at CT 22, 43, 51a & 57 |
| #71 | 06/27/11 | 07/06/11 | 8 | Extra workspace at M57-T2 and M57-T3 |
| #72 | 07/01/11 | 07/08/11 | 8 | Additional workspace at the I-605 Shoofly area |
| #73 | 06/01/11 | 07/08/11 | 10 | Shift in Tower 43 Wire Setup Site. Additional information provided 07/07. |
| #74 | 07/22/11 | 07/28/11 | 11A | Modification of guard pole sites along Segment 11A |
| #75 | 07/25/11 | 08/03/11 | 11A | Equipment AQ-1d compliance |
| #76 | 07/18/11 Revised 07/25/11 | 08/03/11 | 5 | Relocation of a Wire Stringing Site near Tower 34. Inquiry sent 07/27 |
| #77 | 07/27/11 | 08/03/11 | 4 | Two additional Wire Stringing Sites near Towers 35 and 51. Inquiry sent 08/01 |
| #78 | 08/03/11 | 08/04/11 | 8 | Relief from focused biological survey requirements because of restricted property access, Phase I. CDFG approval provided |
| #79 | 08/06/11 | 08/11/11 | 4 | Guard pole site near Tower 52 |
| #80 | 08/10/11 | 08/12/11 | 10 | Roadway reclassification and modifications near Tower 83 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---------------------|-------------|-----------|---|
| #81 | 08/12/11 | 08/18/11 | 10 | Roadway reclassification and modifications near Towers 48 and 49. |
| #82 | 08/18/11 | 08/30/11 | 4 | Wire setup site (WSS) relocations and new WSS and overland travel routes. Inquiry sent 08/22; response submitted 08/26 |
| #83 | 07/26/11 | 08/30/11 | 8 | MA1-T2 and MA1-T4 access road |
| #84 | 08/30/11 | 09/01/11 | 8 | M54-T1 and M54-T2 Access road and staging area |
| #85 | 07/15/11 | 09/12/11 | 8 | Additional guard structure sites at Fullerton Road and WSS at M51-T2, M51-T3, M50-T1, M45-T4 and M6-T2. Gnatcatcher acreages pending. |
| #86 | 09/02/11 | 09/12/11 | 4 | Two guard pole sites |
| #87 | 09/09/11 | 09/12/11 | 10 | Use of existing roads between 90 th street west and Tower 6 |
| #88 | 09/15/11 | 09/20/11 | 4, 5 & 10 | Allow for the use of six water trucks that don't meet the requirements of MM AQ-1d |
| #89 | 09/15/11 | 09/22/11 | 10 | Increased turning radii @ CT 67 & 68 and road improvement at CT 74 |
| #90 | 09/26/11 | 10/03/11 | 5 | Extra work space for CT 30 |
| #91 | 09/28/11 | 10/03/11 | 5 | Addition of mats @ CT 45 |
| #92 | 10/01/11 | 10/03/11 | 4 | Segment 4 access road use near Tower 31 |
| #93 | 09/30/11 | 10/05/11 | 5 | Additional Disturbance area near Tower 55A |
| #94 | 09/28/11 | 10/12/11 | 8 | Widen the curve of an access road leading to Structure M56-T4 |
| #95 | 09/30/11 | 10/12/11 | 5 | Additional disturbance areas at Towers 19, 22, and 25 |
| #96 | 10/12/11 | 10/17/11 | 8 | Guard structure site and access road to Structure MA1-T3 |
| #97 | 10/06/11 | 10/21/11 | 8 | Telecom wire sites at Rose Hills |
| #98 | 10/22/11 | 11/04/11 | 4 | Additional turning radii and road reclassification associated with Tower M73-T3AX |
| #99 | 10/20/11 | 11/01/11 | 8 | Extra Workspace for topsoil salvage at M56-T3 |
| #100 | 09/28/11 | 11/04/11 | 8 | Twenty-four staging and turnaround areas |
| #101 | 11/02/11 | 11/04/11 | 5 | Additional work space at CT 30, 51a and 61 |
| #102 | 11/02/11 | 11/09/11 | 5 | Extra Workspace near Tower 18 |
| #103 | 11/04/11 | 11/09/11 | 5 | Additional guard pole sites |
| #104 | 11/02/11 | 11/09/11 | 8 | Use of 605 Shoofly as Contractor Yard |
| #105 | 11/06/11 | 11/14/11 | 5 | Additional workspace at CT 6, 28B, 44, 68 and M113-T3 |
| #106 | 11/09/11 & 11/10/11 | 11/17/11 | 5 | Additional workspace and roadways at CT30 |
| #107 | 11/16/11 | 11/18/11 | 8 | Use of Contractor yard previously approved as TEWS, in Chino |
| #108 | 11/18/11 | 11/22/11 | 5 | Extra work space near CT 50, 51a, and 55 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|--------------------|----------------------|---|
| #109 | 12/22/11 | 01/04/12 | 4 | Additional wire stringing site outside of Antelope Substation |
| #110 | 01/13/12 | 01/10/12 | 8 | Widen road near M55-T2 and M56-T1 in Phase 1 |
| #111 | 01/11/12 | 01/17/12 | 5 | Additional vehicle parking and equipment staging near Tower 25 |
| #112 | 01/12/12 | 01/17/12 | 8 | Permanent removal of the fabric screening surrounding the Mira Loma Contractor yard |
| #113 | 01/11/12 | 01/27/12 | 7 | Addition of structure work areas in Montebello Hills |
| #114 | 01/24/12 | 02/03/12 | 5 | Additional disturbance areas at Tower 86 |
| #115 | 02/07/12 | 02/09/12 | 7 | Expansion of Wire Sites and Guard Pole Structures |
| #116 | 01/27/12 | 03/01/12 | 8 | Additional guard pole sites at M64-T4 and M64-T5 |
| #117 | 02/24/12 | 03/01/12 | 7 | Wire setup site expansions near Structures M33-T1 and M41-T4 |
| #118 | 03/05/12 | 03/07/12 | 7 | Access road near M42-T6 & WSS 7.75 |
| #119 | 03/01/12 | 03/13/12 | 7 | Snub site between M32-T3 and M32-T4 |
| #120 | 03/02/12 | 03/15/12 | 6, Vincent Yard | Access for pedestrian gate at Vincent North Yard |
| #121 | 03/16/12 | 03/20/12 | 5 | Additional work area near Tower 19 |
| #122 | 02/22/12 | 03/30/12 | 8 | Running Branch Road staging area |
| #123 | 03/27/12 | 03/30/12 | 7 | Additional parking areas at M39-T1 through M39-T3. |
| #124 | 03/26/12 | 03/30/12 | 5 | Additional disturbance areas near M18-T5. |
| #125 | 03/27/12 | 04/06/12 | 6, Vincent Yard | Additional power and associated disturbance areas needed at Vincent yards. |
| #126 | 04/17/12 | 04/20/12 | 7 | Additional area for WSS 7.15 on Segment 7 |
| #127 | 04/04/12 | 04/23/12 | 8 | Use of existing roads in Rose Hills & Sanitations District. |
| | 03/30/12 | Rescinded | 6A | Corral relocation near Tower 12. |
| #128 | 05/03/12 | 05/14/12 | 7 | Changes to wire sites and access roads between M30-T1 and M29-T3. |
| #129 | 05/01/12 | Denied 05/16/12 | 8 | Relief from focused biological survey requirements because of restricted property access, Rose Hills, Phase 4. |
| #130 | 06/05/12 | 06/12/12 | 6 | Use of additional access road near Towers 11 and 12. |
| #131 | 06/03/12 | 06/06/12 | 6 | Placement of 2 generators and additional road use in Aliso Canyon to provide power during distribution line outage. |
| #132 | 06/20/12 | 07/22/12 | 8 | Curve widening along existing access roads, modified wire set up site and access, at structures M45-T4/M6-T2 and M45-T5 in Segment 8 Phase 4. |
| #133 | 07/18/12 | 08/07/12 | 6A and 6C off ANF | Guy wire staking outside of disturbance areas to provide stability of suspended loads. |
| #134 | 08/24/12 | 08/29/12 | 8 | Landfill access to tower M45-T1. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---|-------------|---------|---|
| #135 | 08/22/12 | 09/12/12 | 8 | Construct M45-T5 access road curve widening and pull-outs. |
| #136 | 09/25/12 | 10/04/12 | 7 | Extra work space and drainage crossing at Construct M31-T2. |
| #137 | 11/02/12 | 11/06/12 | 7 | Additional work area for Tower M38-T4. |
| #138 | 10/29/12 | 11/20/12 | 6, 11 | Expansion of Vincent South Material yard. |
| #139 | 01/09/13 | 01/11/13 | 5 | Road Change designation from minimum to medium improvement near Tower 54. |
| #140 | 12/10/12 | 02/07/13 | 7 | Additional wire sites and access road additions. |
| #141 | 01/30/13 | 02/13/13 | 66 kV | Access to Pole 1723533 along Durfee Avenue. |
| #142 | 02/11/13 Additional information submitted 05/28/13 | 06/05/13 | 8 | Additional work areas and access roads, Segment 8 Phases 1 and 4. |
| #143 | 05/23/13 | 06/05/13 | 8 | Additional access roads, guard poles, and distribution clearances in Phase III. |
| #144 | 07/17/13 | Approved | 11B | Pedestrian access to distribution line via trails. |
| | 02/22/12 | On hold | 8 | Extra work space @ Tower M60-T1. |

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 08/09/13)

| TEWS Request | Date Requested | Date Approved | Segment | Description |
|--|----------------|---------------|---------|--|
| TEWS, Segments 1-3 | | | | |
| <i>For TEWS activity on Segments 1-3 prior to 2010, please see Table 3 in Weekly Reports 106, 107.</i> | | | | |
| TEWS, Segments 4-11 | | | | |
| #1 | 09/30/10 | 09/30/10 | 7 | Re-phasing work at a tower not previously identified on Rio Hondo–Amador-Jose-Mesa 66 kV |
| #2 | 10/08/10 | 10/08/10 | 4 | Park a boom truck on LADWP access road during the outage |
| #3 | 10/12/10 | 10/12/10 | 8 | Use a wire setup site not previously identified on Chino–Mira Loma No. 1 |
| #4 | 10/20/10 | 10/20/10 | 5 | Extra space from wire truck parking near Vincent Substation |
| #5 | 10/21/10 | 10/21/10 | 7 | Use a site not previously identified for staging of equipment and materials at Tower M54-T3a |
| #6 | 11/01/10 | 11/01/10 | 5 | Use of an existing SCE access road |
| #7 | 11/01/10 | 11/03/10 | 5 | Use of an existing road (Parkwood Drive) |
| #8 | 11/02/10 | 11/02/10 | 8 | Use a site not previously identified for vehicle parking and as a helicopter landing zone |

| TEWS Request | Date Requested | Date Approved | Segment | Description |
|--------------|----------------|---------------|---------|--|
| #9 | 11/30/10 | 12/01/10 | 5 | Use 8 existing spur roads as extra parking and turnaround areas |
| #10 | 12/02/10 | 12/02/10 | 7 | Additional access road for on Rio Hondo–Anita No. 2 66 kV |
| #11 | 12/08/10 | 12/08/10 | 5 | Use an existing spur road near Tower 29, north of Elizabeth Lake Road |
| #12 | 12/09/10 | 12/09/10 | 7 | Additional access road near Towers M41-T1 through M41-T3 |
| #13 | 12/14/10 | 12/14/10 | 8 | Access road to Tower M0-T6 |
| #14 | 01/10/11 | 01/10/11 | 8 | Access road to Tower M2-T5 |
| #15 | 01/11/11 | 01/11/11 | 8 | Additional parking area in Tonner Canyon |
| #16 | 01/17/11 | 01/17/11 | 5 | Additional parking and turnaround area near Tower 54 |
| #17 | 01/18/11 | 01/18/11 | 7 | Use of a dirt road for access to M41-T4 wire sites |
| #18 | 02/04/11 | 02/04/11 | 7 | Additional access road to Tower M54-T3a |
| #19 | 02/11/11 | 02/11/11 | 5 | Extension for use of mudpit road north of Elizabeth Lake Road |
| #20 | 02/15/11 | 02/25/11 | 7 | Crane parking on Brookridge Road in the City of Duarte |
| #21 | 03/02/11 | 03/02/11 | 8 | Additional parking within Tonner Canyon adjacent to M57-T1 |
| #22 | 03/03/11 | 03/03/11 | 8 | Additional parking within Tonner Canyon adjacent to M57-T3 |
| #23 | 03/03/11 | 03/03/11 | 7 | Additional parking for a crane along Greenbank and Brookridge Roads in the City of Duarte |
| #24 | 03/25/11 | 03/25/11 | 8 | Additional space within Chino Sub for wire stringing |
| #25 | 03/31/11 | 03/31/11 | 5 | Additional parking on SCE roads near Tower 50 |
| #26 | 04/11/11 | 04/11/11 | 8 | Additional access within Pathfinder Park to Tower M9-T1B |
| #27 | 04/12/11 | 04/14/11 | 8 | Mid-span access between M3-T5 and M4-T1 to install sleeves. |
| #28 | 04/07/11 | 04/07/11 | 5 | Additional parking/staging area adjacent to Tower 54; original TEWS had expired |
| #29 | 04/07/11 | 04/07/11 | 5 | Use of private dirt road so that Woodward Brothers could remove their drill; cannot cross Amargosa Creek due to flow |
| #30 | 05/22/11 | 05/26/11 | 5 | Mat placement to protect drainage pipes along access road at Parkwood Drive |
| #31 | 06/08/11 | 06/09/11 | 8 | Additional access at the 605 Shoofly |
| #32 | 05/23/11 | 06/06/11 | 5 | Use of spur road near Tower 26 |
| #33 | 06/07/11 | 06/09/11 | 5 | Extended original TEWS for spur road near Tower 54 |
| #34 | 06/13/11 | 06/14/11 | 11 | Additional parking outside of San Gabriel Yard |
| #35 | 06/28/11 | 06/28/11 | 5 | Additional staging near Tower 44 |

| TEWS Request | Date Requested | Date Approved | Segment | Description |
|--------------|----------------|---------------|---------|---|
| #36 | 07/08/11 | 07/11/11 | 5 | Additional staging area near Tower 51 |
| #37 | 07/20/11 | 07/20/11 | 8 | Additional access at Rooks Road |
| #38 | 07/20/11 | 07/20/11 | 8 | Additional stage area at M60-T1 |
| #39 | 07/27/11 | 07/27/11 | 8 | Additional staging and turnaround between M54-T1 and M54-T2 |
| #40 | 08/01/11 | 08/01/11 | 5 | Use of spur road for additional parking and staging near Tower 52. |
| #41 | 08/08/11 | 08/12/11 | 5 | Use of disturbed area for parking and equipment staging near Tower 30. |
| #42 | 08/10/11 | 08/10/11 | 8 | New access to Tower MA1-T3 |
| #43 | 08/12/11 | 08/12/11 | 8 | Additional guard pole site on Fullerton Road |
| #44 | 08/12/11 | 08/12/11 | 11 | Extra space at guard pole site on Del Mar Avenue |
| #45 | 08/12/11 | 08/12/11 | 8 | Access to distribution poles along Archibald Avenue |
| #46 | 08/08/11 | 08/12/11 | 5 | Use of disturbed area for parking and staging of equipment and vehicles. |
| #47 | 08/18/11 | 08/18/11 | 8 | Additional parking at M64-T4 |
| #48 | 08/19/11 | 08/19/11 | 11 | Overland access to Tower M14-6 |
| #49 | 10/13/11 | 10/13/11 | 8 | Contractor yard, turning area and staging for 66 kV underground work in Ayala Park. |
| #50 | 11/07/11 | 11/14/11 | 5 | Use of three existing spur roads for additional parking near Tower 68 |
| #51 | 11/22/11 | 11/22/11 | 8 | Use of an existing, paved road for additional access on Segment 8, Phase 3. |
| #52 | 12/29/11 | 12/29/11 | 8 | Additional access roads within Rose Hills cemetery. |
| #53 | 01/04/11 | 01/04/11 | 7 | Additional parking and staging area within Legg Lake. |
| #54 | 01/11/12 | 01/18/12 | 5 | Additional parking and staging area near CT 48. |
| #55 | 01/18/12 | 01/18/12 | 5 | Additional parking and staging area near CT 56. |
| #56 | 01/23/12 | 01/27/12 | 5 | Additional parking and staging area near CT 42. |
| #57 | 01/30/12 | 01/30/12 | 8 | Additional parking and staging area on Running Branch Road near M55-T1. |
| #58 | 01/30/12 | 01/30/12 | 8 | Additional access road within Tonner Canyon. |
| #59 | 02/02/12 | 02/03/12 | 8 | Additional parking and staging off of Frame Avenue. |
| #60 | 02/10/12 | 02/16/12 | 7 | Extension of a wire setup site on Segment 7 |
| #61 | 02/22/12 | 02/22/12 | 7 | Road to access a wire setup site on Segment 7 |
| #62 | 02/27/12 | 02/27/12 | 11 | Access road at Goodrich substation. |
| #63 | 02/29/12 | 02/29/12 | 5 | Access road to tower M18-5 |
| #64 | 10/07/12 | 10/10/12 | 5 | Edison Rd SE of Godde Hill RD. |
| #65 | 10/08/12 | 10/10/12 | 5 | Distribution access road off of guard pole access road south of Godde Hill |
| #66 | 10/07/12 | 10/16/12 | 5 | Shoulder of Elizabeth Lake Road. |

| TEWS Request | Date Requested | Date Approved | Segment | Description |
|--------------|----------------|---------------------------|---------|--|
| #67 | 10/11/12 | 10/16/12 | 5 | Shoulder of Elizabeth Lake Road. |
| #68 | 10/19/12 | 10/23/12 | 5 | Additional access to M18-T5. |
| #69 | 11/30/12 | 12/02/12 | 5 | Access Road to M111-T1 near Construct 60 |
| #70 | 11/30/12 | 12/02/12 | 5 | Access Road to M112-T1 near Construct 63 |
| #71 | 11/30/12 | 12/03/12 | 5 | Additional Parking area in vacant lot at Mountain Springs Road and Sierra Highway |
| #72 | 01/15/13 | 01/16/13 | 7 | Installation of caution tape within Whittier Narrows Park to exclude the public from wire stringing areas. |
| #73 | 01/18/13 | Unable to process as TEWS | 8 | Landing area for skywrap installation, could not approve as TEWS because location was within designated critical habitat for coastal California gnatcatcher. |
| #74 | 06/13/13 | 06/14/13 | 8 | Overland travel access to a splice site in Segment 8 Phase 3. |
| #75 | 06/28/13 | 07/01/13 | 8 | Additional 200 by 200 foot area for splicing associated with TEWS #74. |
| #76 | 07/01/13 | 07/01/13 | 8 | Use of paved/graveled road between Mira Loma Yard and Substation. |
| #77 | 07/31/13 | 08/01/13 | 8 | Crew access to adjacent tower to install grounds. |
| #78 | 08/01/13 | 08/05/13 | 6A | Utilize dirt access road for wire pulling activities. |
| #79 | 08/08/13 | 08/08/13 | 8 | Extra workspace to access tower M1-T5. |

NON-COMPLIANCES & INCIDENTS

Table 4 provides a summary of CPUC Non-Compliance Reports and Project Memorandums.

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
(Updated 08/09/13)

| Type | Date | Location | Description |
|---|---|--------------------|--|
| NON-COMPLIANCE REPORTS & PROJECT MEMORANDA, SEGMENTS 1-3 | | | |
| <i>For CPUC Non-Compliance Reports & Project Memoranda activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106, 107.</i> | | | |
| NON-COMPLIANCE REPORTS & PROJECT MEMORANDA, SEGMENTS 1-11 (January 2010 thru the present) | | | |
| CPUC Non-Compliance Reports (NCR): | | | |
| NCR #1 | Issued 02/24/11 Withdrawn 03/24/11 | Project-wide | No notification of wildlife entrapment/mortality from bird deterrent netting. |
| NCR #2 | 09/13/11 | Segment 7 66 kV | TRTP construction activity occurring in the San Gabriel Junction area prior to the installation of exclusionary staking for sensitive resource areas and without resource monitoring |

| Type | Date | Location | Description |
|-----------------------------|---|-----------------------|--|
| NCR #3 | 08/15/12 | Segment 8, Phase 4 | Paleontological (paleo) monitoring not in compliance with PRMP. |
| CPUC Project Memoranda (PM) | | | |
| PM #1 | 04/27/10 | Segment 3A | Delivery of equipment to Tower 43 within an ESA without monitors present |
| PM #2 | 06/23/10 | Segment 8 West CY | Vegetation clearing without preconstruction biological or clearance surveys within TRTP right-of-way |
| PM #3 | 02/16/11 | Project-wide | No notification provided on 10 separate Level 0 incidences |
| PM #4 | 02/16/11 | Segment 7 | Construction crews entered area prior to sweep being field validated by CPUC EM |
| PM #5 | 09/07/11 | Segment 7 | Use of unapproved area for staging material near Greenwood and Saturn Ave, Monterey Park |
| PM #6 | 12/09/11 | Segment 7 66 kV | Use of unapproved areas for soil disposal |
| PM #7 | Issued 12/09/11 Retracted 02/03/12 | Segment 5 | Non-reporting of special status species found during focused surveys in areas under construction |
| PM #8 | 04/20/12 | Segment 7 | Encroachment on a red-tailed hawk buffer by spacer cart. |
| PM #9 | 03/14/13 | Segment 6 | Track-out at Vincent Material Yard and Loop Road L. |

PROJECT PHOTOGRAPHS



Figure 1: Stabilized Construction Entry installation at Vincent Substation, Segment 9.



Figure 2: Wire transfer at Construct 19, Segment 6.



Figure 3: Foundation activities at Tower M66-T8/J8, Segment 8, Phase 3.



Figure 4: Vegetation removal activities on Tower 49-2, Segment 8, Phase 4.