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

To: John Boccio, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: November 15, 2012
Subject: Weekly Reports 245–247: September 31 to October 20, 2012

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 Brian Woodward

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

Summary of Activity:

1. Construction of Segments 1, 2, and 3A, and the Antelope Substation expansion have been completed. SCE is currently constructing Segment 3B and the Highwind Substation. Completion activities are also underway at the Windhub Substation.
2. SCE office trailers are set-up at the Highwind Material Yard near Tehachapi for Segment 3B. The yard contains material and equipment for this segment.
3. Vegetation clearing occurred at Segment 3B AC Mitigation Site EP1901-3, EP-A-GR-06, and EP-A-GR-07.
4. BMP installation occurred at Segment 3B AC Mitigation area between Constructs (towers) 44 to 46. BMP maintenance occurred at Segment 3B Constructs 33 and 34, and Jurisdictional Drainage (JD) 3B-6-S-43.
5. Bridge installation occurred on Segment 3B at JD 3B-6-S-43 between Constructs 33 and 34.
6. Access road recountouring took place on Segment 3B right-of-way between Jameson Road and Constructs 8/9, wire pull site between Construction 56 and 57, staging area between 55 and 56, and AC Mitigation Site EP1901-GR03, and EP1901-GR09. Road Grading occurred at Construct 14, and AC Mitigation Sites EP1901-GR01, EP1901-GR02, EP1901-GR03, EP1901-GR04, EP1901-GR07, and EP1901-GR08.
7. Tower erection occurred at Construct 13.



8. Wire stringing occurred at Constructs 4 to 35, 55, and 56 (see Figure 1). Wire stringing was conducted by helicopter.
9. AC Mitigation road trenching occurred at PGE-A-GR06 and PGE-A-GR07. AC Mitigation zinc long and zinc short trenching occurred in the vicinity of Constructs 44 to 46. AC Mitigation well activity occurred at EP1901-GR01, EP1901-GR02, EP1901-GR03, EP1901-GR04, EP1901-GR05, EP1901-GR06, EP1901-GR08, EP1901-GR09, PGE-A-GR-2, PGE-A-GR-3, PGE-A-GR-4, PGE-A-GR-5, PGE-A-GR-6, PGE-A-GR-7, PGE-A-GR-9, PGE-A-GR-11, PGE-A-GR-12, and PGE-B-GR-2.
10. Segment 3B percent completions thru the subject reporting period include: grading 100%, foundations 100%, tower erection 100%, and wire stringing 73.7% for a total project completion of 93.8%.
11. Highwind Substation: During the subject period, drainage trenching occurred.
12. Construction activities at the Antelope Substation are complete.
13. The spoil pile in front of the Antelope construction trailers is being hauled off site for use on Segment 6A as fill material.
14. Construction activities at the Windhub Substation included 500 kV switchrack and steel which are 98% complete, spare transformer and MEER building are 99% complete, and lighting, security, miscellaneous clean-up and testing are 99% complete.
15. Restoration on Segment 1 has been completed and is still being maintained. Quarterly Reports for Year 2 were submitted on October 29, 2012.
16. Revegetation for Segments 2 and 3A was completed 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.

Environmental Compliance:

1. The proposed SWPPP seed mix was submitted to SCE Environmental for approval. There are three mixes and CPUC was provided with the seed mixes and areas of application along Segment 3B on October 5. They were approved on October 9, 2012.
2. Special-status species observed during the subject period by Biological Monitors included a Loggerhead Shrike.
3. SCE has developed a solution for the channel incision that occurred immediately downstream of the ripped stream channel at the Windhub Substation site. Work will be conducted in 2013.

No Project Memoranda 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.

SEGMENTS 4, 5, AND 10 – ANTELOPE VALLEY

Summary of Activity

1. Construction of the remaining work in Segment 5 was initiated and is being conducted by Wilson Construction. Segment 4 is complete and is energized. Additional work in Segment 10 is being conducted by SCE crews south of the Windhub Substation.
2. BMP Inspection and maintenance continued in Segments 4, 5, and 10. Application of soil binders (Soiltac) in tower work areas and stringing sites was completed in Segment 10 during the subject period.
3. Construction activities at the Vincent Substation are complete. Testing is ongoing. There is no scheduled start date for the new control building.
4. Segment 4: Foundation work is 100% complete. Lattice tower erection is 94% complete and tubular steel pole (TSP) erection is 100% complete. A total of 15.64 circuit miles of wire has been installed. This segment was energized on February 7. BMP maintenance is ongoing.
5. Segment 5: Foundation work is 100% complete. Lattice tower erection is 100% complete and TSP erection is 100% complete. A total of 5.68 circuit miles of wire has been installed. Installation of matting material was placed on the Access Road that crosses Amargosa Creek, at the wet crossing between Constructs 48 and 49, and wet crossing maintenance was performed at Construct 61. BMPs were installed/maintained throughout the Segment 5 work area. Tower pad recontouring occurred at throughout the Segment. Tower stringing occurred from Construct 21 to 32 and 55 to 61 (see Figures 2, 3, 4). The Sagebrush Addendum work included foundation excavation and concrete pouring at Constructs 235A and 236A (see Figure 5). Additional tower pad recontouring took place at Construct 235A and 236A.
6. Segment 10: Foundation work is 100% complete. Lattice tower erection is 100% complete with a total of 90 towers. Wire stringing is complete with a total of 16.13 circuit miles of wire. This segment was energized on June 22. BMP maintenance is ongoing. Conductor removal and stringing needs to occur behind the Windhub Substation. Desert tortoise fencing installation at Structure M0-T2 can be completed because the two bird nests are now inactive.
7. Midway Vincent Upgrade Towers: Foundation work is 100% complete. Lattice tower erection is 67% complete.
8. Segment 10 Telecom: Work has been completed.
9. Whirlwind Substation: Remaining work includes the Midway Line cut-in and turnover for test and project completion which is 60% complete.

Environmental Compliance:

1. The CPUC received a memorandum from SCE on April 11th in regards to topsoil salvage from temporary disturbance sites for restoration and visual requirements for Segments 4, 5 and 10. So far, there has been no salvaging of topsoil in project areas. In response to the memorandum, CPUC has requested that SCE document their topsoil salvaging plans by Project segment. In addition, in response to a May 26th site visit on Segments 7 & 8 regarding top soil salvaging, the HMMP for Segments 4, 5 & 10 will be revised to reflect the top soil salvaging protocols discussed during the site visit. The revised Segments 7 & 8 HMMP was submitted on November 23rd and comments were provided on March 13th. The revised Segments 4, 5, & 10 HMMP was submitted on December 30, 2011. Comments were provided to SCE on April 9th and responses were submitted on June 5th. 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 December 2012.
2. No Special-status species were observed during the subject period by Biological Monitors in Segments 4 and 5. Special-status species observed during the subject period by Biological Monitors on Segment 10 included Loggerhead Shrike.

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.

Summary of Activity

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

1. Grubbing activities took place at the following locations:
 - Constructs 2, 4, 5, Wire Site 5/6, 15, 70, 72, 73, 75, and 77 to 81.
 - Loop Road L between Constructs 75 to 76, 78 to 79, and 112 to 113.
 - Civil ID 207 and 208.
 - Cogswell Helicopter Assembly Yard (HAY).
 - Landing Zone (LZ) 75.
2. Drainage improvements took place at the following locations:
 - Construct 80.
 - Wire Setup Site between Constructs 11/12.
 - Civil ID 94 and JD ID 6-76-S-1, 6-7-S-4, 6-76-S-7, 6-68-S-55, and 6-79-S-12.
 - Loop Road B near LZ 19, Loop Road H, and Loop Road L from 72 to 74.
3. Grading took place at the following locations:
 - Loop Road A, Loop Road B, Loop Road G, Loop Road L, Loop Road I, Loop Road L between Constructs 72 to 113, and Horse Ranch to Civil ID 20.
 - Helicopter Support Yard (HSY) 1/2, and LZ 9.
 - Civil ID 205, 206, 207, 208 and JD ID 6-8-S-1, 6-8-S-2, and 6-8-S-4,
 - Constructs 1 to 6, 8, 10, 11, 14, 15, 17 to 23, 25 to 34, 36, 57, 60, 65, 68, 69, 70, 82, 85, 100, and 113 (see Figure 6).
 - Newcomb Pass HAY Cogswell HAY, Aliso HAY, and Rabbit Peak HAY.
4. Wet crossing installation and maintenance occurred at Civil IDs 194, 197 and 206, JD ID 6-79-S-12, and Constructs 2 and 33.
5. Structure (wreck-out) removal activities occurred at Rabbit Peak HAY and Constructs 55, 56, 65, 66, 67, and 72
6. Foundation excavation occurred at Constructs 1 to 23, 25 to 43, 45, 46, 47, 48, 50 to 57, 65 to 72, 82, 85, 95, and 99 (see Figure 7). Foundation pouring occurred at Construct 1, 2, 4, 5, 7 to 12, 14 to 20, 22, 27, 29, 30, 32, 33, and 34 (see Figure 8).
7. Structure assembly occurred at Constructs 2, 3, 5, 6, 10, 11, 17 to 22, 25 to 30, 32, 33, 34, 36 to 41, 52, 53, 72, HSY 1/2, Aliso HAY, Chilao HAY, Rabbit Peak HAY, Wickiup HAY, Newcomb's Pass HAY, and Mill Creek Heliport (see Figure 9). Structure erection occurred at Constructs 15, 16, 17, 19, 27, and 29.

8. BMP installation/maintenance occurred at the following locations:
 - Wire Stringing Site 62/63, PT 5/6 and PT-29.
 - Loop Road G, H, and L. Redbox Rincon Gate.
 - Civil ID 94.
 - HSY 1/2, Rabbit Peak HAY, Shortcut HAY, Newcomb HAY, Wikiup HAY, and Chilao HAY.
 - Constructs 1 to 5, 10, 11, 12, 14, 15, 17 to 23, 26 to 30, 32, 33, 40, 45, 47, 53 to 58, 60, 63, 70, 72, 77, 78, and 80.
9. BMP removal occurred at Wire Setup Site 11/12.
10. Segment 6 percent completions to report date include: conductor removal 86%, structures removal 81%, foundation removal 47%, foundations installed 25%, tower erection 4%, and wire stringing 0%.

Segment 11

11. Construction activity on Segment 11A has been completed.
12. Construction activity on Segment 11D is on hold.

Environmental Compliance:

1. A spill of approximately 32 ounces of hydraulic fluid occurred at the Wire Pull Site between Constructs 11/12 on October 4, 2012. The leak from a broken hydraulic hose was stopped and all of the contaminated soil was taken to the Vincent North Material Yard for proper disposal. This spill did occur within a jurisdictional drainage but the area did not contain any flowing or standing water.
2. No new nests were discovered during the subject period.
3. Special-status species observed during the subject period by Biological Monitors included Coast Horned Lizard, Swainson’s Hawk, Cooper’s Hawk, Loggerhead Shrike, Arroyo Toad, Peregrine Falcon.

No CPUC Project Memoranda or NCR’s were issued for Segments 6 and 11 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

1. Segments 7 & 8, 66 kV: Crews performed BMP maintenance. Trenching, foundation excavation/removal (see Figure 10), pole installation/replacement, wire stringing, materials staging, tower assembly, and tower wreck-out also occurred.
2. Segment 7: Wilson crews mowed, installed BMPs (see Figure 11) and performed BMP inspections at tower sites and wire setup sites to keep environmental surveys active. Wilson, DCX, and Tri-State crews mobilized equipment. Foundation excavation, foundation pouring, materials staging, tower assembly (see Figure 12), tower pad recontouring, vegetation trimming, and wire stringing occurred. 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 14% of the conductor is strung, 95% of the foundations are complete and the structure assembly is 69% complete.
3. Segment 8, Phase 1: Wilson crews performed BMP inspections at tower sites and wire setup sites to keep environmental surveys active. Materials staging, vegetation clearing, and vegetation trimming

occurred. 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. Of a total 43 new structures on the double circuit 500 kV Mira Loma–Vincent line, 98% of the foundations are complete (including 100% of the TSPs in the City of Chino Hills) and 93% of the towers are complete.

4. Segment 8, Phase 2: Wilson crews installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Materials staging occurred. Both 220 kV circuits (Chino–Mira Loma #1 and #2) were energized in June 2011.
5. Segment 8, Phase 3: Wilson crews installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Materials staging occurred.
6. Segment 8, Phase 4: Wilson and DCX crews mowed, installed, and maintained BMPs at tower sites and wire setup sites to keep environmental surveys active. Mobilization (see Figure 13), foundation excavation, foundation pouring, road grading, road recontouring, materials staging, tower assembly, tower erection, tower pad recontouring, vegetation clearing (see Figures 14, 15, & 16), and vegetation trimming occurred. To date, 100% of the conductor and 100% of the structures on the existing 220 kV Chino-Mesa line have been removed. In total, foundations are 82% complete and lattice steel towers are 72% complete.

Environmental Compliance:

1. The CPUC EM observed gas monitoring equipment being utilized in areas on and around Montebello Hills as specified in the Health & Safety Plan (HASP).
2. During the subject period, several woodrat middens were relocated as part of site clearing activities on Segment 8, Phase 4 (see Figures 17 & 18). On October 4, 2012, the CPUC EM noted a dead woodrat in the aftermath of vegetation clearing and compaction at M45-T4.
3. On October 2, 2012, the CPUC EM noted that a DCX was using a hiking trail as an unauthorized access road for a small tractor to conduct vegetation removal at M45-T4 (see Figure 19). The crew immediately stopped using the access road. No impacts occurred and the access road was flagged to prevent further use by construction crews.
4. The CPUC EM noted to SCE staff that sediment had left the M41-T4 work area (see Figure 20) and rutting occurred on the access road (see Figure 21). The monitor also noted an old footer was on the site and asked SCE staff whether it should have been removed. SCE staff is assembling documentation to show the footer was not a part of TRTP.
5. 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. More specifically, conductor stringing in the City of Chino Hills within 1000 feet of any residents should not be undertaken.
6. No new nests were discovered during the subject period.
7. Coastal California gnatcatcher, Peregrine falcon, Vaux's swift, American white pelican, coast horned lizard, northern harrier, white-tailed kite, and Cooper's hawk were observed during the subject period by Biological Monitors.

No 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 11/15/12)

| 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 |
| 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. |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|-------------------------|----------------------|---------------------|------------------------|--|
| 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 |
| #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 |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------|---|----------------|------------|---|
| #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 info 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 66kV | Structure Installation, various reframing, installation of ground and guy wire, and shift activities. |
| Final Engineering | 08/06/12 | 08/13/12 | 7/8 66kV | 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 |
| #11 Mod | 12/19/11 | 01/17/12 | 8 | Structure additions or modifications, and associated structure work areas/access |
| #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. |
| #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 |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------|-------------------|-----------------|-----------------------|--|
| Final Engineering | 11/15/12 | Under Review | 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 |
| #18 | 10/13/10 | 10/15/10 | 7 | Potrero Grande Contractor Yard |
| #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. |
| #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 |
| #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 |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|------------------------------------|----------------------------------|-----------------|---------|---|
| #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. |
| #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 |
| #36 | 07/25/12 | 07/30/12 | 8 | Geotechnical investigations in Chino Hills. |
| | 07/20/12 | Under review | 11B | Construction of Segment 11B, Gould to Goodrich (off ANF). Pending FAA concurrence. |
| 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 |
| | | 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 |
| 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 |

| NTP #/ Permit | Date Requested | Date Issued | Segment | Description |
|----------------------|-------------------|---|---------|---|
| Change Request #7 | 03/16/12 | 03/16/12 | 6 | Barley Flats Repeater |
| Change Request #8 | 05/10/12 | Additional info 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 |

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 11/15/12)

| 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 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|----------------------------------|---------------------------------|-----------------|-----------------------------------|---|
| 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 |
| 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 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---------------------|-------------|---------------|---|
| 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 |
| 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 interest 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 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---------------------------------|----------------|---------|--|
| #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 Interset 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 |
| #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 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---------------------------------|-------------|-----------|---|
| #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 |
| #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 |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|---------------------|-----------------|-----------------|--|
| #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 |
| #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. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|------------------|----------------|--------------|-------------------|---|
| #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. |
| #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. |
| | 10/29/12 | Under Review | 6, 11 | Expansion of Vincent South Material yard. |
| | 02/22/12 | On hold | 8 | Extra work space @ Tower M60-T1. |

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 11/15/12)

| 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. |

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 11/15/12)

| 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 |
| 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. |

PROJECT PHOTOGRAPHS



Figure 1: Segment 3B Wire Stringing operations at Construct 4.



Figure 2: Segment 5 wire stringing operations at Construct 28B.



Figure 3: Segment 5 wire stringing operations at Construct 28B.



Figure 4: Segment 5 dead ending activities at Construct 28B.



Figure 5: Sagebrush foundation excavation activities at Construct 236A.



Figure 6: Segment 6 grading activities at Construct 33.



Figure 7: Segment 6 foundation excavation activities at Construct 34.



Figure 8: Segment 6 foundation pouring activities at Construct 5.



Figure 9: Segment 6 structure erection activities at Construct 2



Figure 10: Crews removing 66kV foundations on Segment 7.



Figure 11: Crew installing BMPs at M41-T4 on Segment 7.



Figure 12: Tower assembly at M41-T3 on Segment 7.



Figure 13: Mobilization and marking of boundaries at M44-T3, Segment 8, Phase 4.



Figure 14: A biologist (right) works with the equipment operator to minimize impacts and stay within worksite boundaries at M44-T4, Segment 8, Phase 4.



Figure 15: DCX crews clearing vegetation in Whittier Narrows at M42-T1A, Segment 8, Phase 4.



Figure 16: DCX crews clearing vegetation and spraying water for dust control at M45-T4, Segment 8, Phase 4.



Figure 17: A biologist (left) observes as a DCX crew trims vegetation from around a woodrat midden near M45-T4, Segment 8, Phase 4.



Figure 18: Woodrat midden cleared and waiting 24 hours for inhabitants to vacate near M45-T4, Segment 8, Phase 4.



Figure 19: Unauthorized access road/hiking trail utilized by a small bulldozer for vegetation clearing near M45-T4, Segment 8, Phase 4.



Figure 20: Sediment has broken through BMPs during a storm event at M41-T4, Segment 7.



Figure 21: Rutting on the access road to M41-T4, Segment 7 after a storm event.