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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: September 18, 2013
Subject: Weekly Report 292: August 25 to August 31, 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 (Lead Monitor), Cassandra Garza, Ryann Loomis, Jamie Miner, 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. Temporarily disturbed construction areas have been hydroseeded and may require additional seed application in the fall. Vegetative growth has yet to reach the 70% cover requirement for disturbed areas.
3. 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, and comments were provided on September 3rd.
4. 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. SCE has indicated that the fencing was removed the week of September 9th. The CPUC EM will verify removal this week.

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. No construction activity was reported on Segment 4 during the reporting period. Areas disturbed by construction have been hydromulched and seeded. SCE filed a Notice of Termination (NOT) with the Regional Water Quality Control Board to close the Segment 4 SWPPP and the NOT has been approved.
2. Segment 5: Foundation work is 100% complete. Lattice tower erection is 100% complete and TSP erection is 100% complete. This segment was energized in December 2012. Areas disturbed by construction have been hydromulched and seeded. Federal Aviation Administration (FAA) marker ball installation will be conducted in October. BMP maintenance occurred at structure sites 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. Areas disturbed by construction have been hydromulched and seeded. SCE filed a NOT with the Regional Water Quality Control Board to close the Segment 10 SWPPP and the NOT has been approved.

4. Construction activities of the Vincent Substation control building continued.
5. Segment 10 Telecom: Work has been completed.
6. Whirlwind Substation: Remaining work includes the testing and commissioning of the 500kV Shunt CAPs and bus extensions.

Environmental Compliance:

1. The CPUC EM is in the process of scheduling a final walk through of Segments 4, 5, and 10 with SCE to identify any remaining items and to monitor conditions of the work areas impacted by construction.
2. 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 December 2013.
3. No special-status species noted by Biological Monitors on Segments 4, 5, and 10 during the subject period.

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 excavation occurred at Construct (tower) 4.
2. Structure assembly and erection occurred at Constructs 37, 39, 43, 86 to 89, 90, 91, 92, 93, 94, 95, 97, 98, 99, 100, 101, and 104 to 111, Newcomb's Pass Helicopter Assembly Yard (HAY), Rabbit Peak HAY, and Cogswell Dam HAY.
3. Grading took place at:
 - Civil ID 4.
4. Drainage improvements and wet crossing installation/maintenance occurred at Constructs 11 and 12, Civil IDs 4 and 88, and Millcreek HAY.
5. Wire stringing operations occurred from Constructs 2 to 22 (see Figure 1).
6. BMP installation/maintenance occurred at all construction locations.
7. Fugitive dust control activities occurred in areas where construction occurred.
8. Segment 6 percent completions to report date include: conductor removal 86%, structures removal 86%, foundation removal 86%, foundations installed 87%, tower erection 62%, and wire stringing 6.36%.

Segment 11A (Goodrich to Mesa Substation)

9. Construction activity on Segment 11A has been completed.

Segment 11B (Gould to Goodrich Substation)

10. 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.
11. Vegetation clearing and road grading occurred at the Chaney Trail Wire Stringing Site (Pull Site between Constructs M1-T4 and M2-T1).
12. Foundation excavation activities occurred at Construct M8-T4.
13. Wire stringing occurred at Constructs M2-T1 to M6-T2.
14. BMP installation occurred at Segment 11B locations.
15. Fugitive dust control activities occurred in areas where construction occurred.

Segment 11C (Vincent to Gould Substation)

16. The NTPR for Segment 11C was submitted on August 14 and is under review by the CPUC.

Segment 11D (Gould Substation)

17. Construction activity of outstanding Segment 11D items will be completed during the 11B construction activities.
18. Segment 11percent completions to report date include: conductor removal 2%, structures removal 1%, foundation removal 1%, foundations installed 5%, tower erection 0%, and wire stringing 31.15%

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 Segment 6 and 11 rights-of-way. During the subject week, five incidents of damaged and missing BMPs, including silt fencing and straw wattles, were reported to the contractor for repair. The completion of the repairs was not submitted to the CPUC during the reporting period. Microtrash and general trash were noted at Material Yard 58, Vincent Material Yard North/South and Cogswell 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 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.
7. On August 26, SCE submitted a request to the USFS to install conductor and optical ground wire (OPGW) from October 1 through November 30th during the Arroyo toad active period, which ends November 30th. This request is specific to the Arroyo Toad Seasonal Restriction Area on Segment 6 from Construct 53 through 65. This request was approved by USFS on September 18.
8. On August 26, SCE received the Congested Area Plan (CAP) approval from the Federal Aviation Administration (FAA) for helicopter support during wire operations on Segment 11B during the dates of September 7-8 within the City of Pasadena.
9. On August 27, a SCE Biologist noted two dead California ground squirrels in a water tank at Millcreek HAY on Segment 6 within approved disturbance limits.
10. On August 27, a SCE Monitor once again noted trackout leaving the Pull Site at Tower M1-T4 on Segment 11 (previously noted on August 20, 22, 23). Additional trackout was noted on Upper Big Tujunga Canyon Road leaving elevated storage tanks near Construct 71 on Segment 6.
11. On August 28, a SCE Archaeologist, ANF Archaeologist, San Manuel Band of Mission Indians Cultural Resources Field Manager, and CPUC EM reviewed archaeological testing sites throughout Segment 11C (see Figure 2).
12. On August 29, a SCE Biologist noted 40 open cans of metal nuts and bolts (microtrash) at Cogswell HAY at approximately 7:15am.
13. On August 30, a SCE Biologist noted a crane parked outside of approved disturbance limits along Cogswell Road (a.k.a. Loop Road M) on Segment 6, which is within Santa Ana sucker habitat. The CPUC EM noted the same crane on September 5 and notified the SCE Environmental Manager about the delay in resolving the previous notification. The SCE Environmental Manager notified CPUC EMs that the crane was moved to the Cogswell HAY on September 6.
14. On August 27, the CPUC EMs reviewed helicopter flight tracks for Segment 6 in response to an Acton resident complaint of TRTP helicopter flights prior to 7am. It was found that SCE had traveled at a high altitude over and around the Acton region prior to 7am while in transit to HAYs within the ANF. In response to the complaint, SCE has implemented a ½ mile buffer over sensitive receptors (residences) in the Acton area for the helicopter traffic to avoid during transit. In addition, SCE agreed to avoid flying over Acton whenever possible and to completely avoid Acton until after 7am.
15. On September 4 and 12, CPUC EMs met with SCE to review helicopter flight tracks for Segments 6 and 11. 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 weekly basis and cover a one week period of construction activities. Each helicopter is now equipped with a GPS unit 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. On August 26, 27, and 28, a Bell 212 was noted to be in transit to Shortcut HAY in/around the Acton area on Segment 6, landing at Shortcut between 5:51 to 6:02 am. On August 26, a Bell 500 flew directly over a residential area in the Pasadena/Alta Dena adjacent to Segment 11B at an altitude of 300' Above Ground Level (AGL) at 8:30am. On September 9, one encroachment into a ½ mile residential buffer was noted between 1600 and 1620 hours. SCE was reminded of Mitigation Measure N-1B to route construction helicopter flights away from residences to the maximum extent feasible.
16. SCE submitted to the USFS, CDFW, and the CPUC a weekly nesting bird reporting spreadsheet reflecting nesting birds that have been identified as of August 30, 2013. No new nests were reported during this subject period.

17. No nesting bird buffer reduction requests were submitted by SCE to the USFS during the subject period.
18. 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.
19. Special-status species were observed during the subject period on Segment 6 by Biological Monitors included loggerhead shrike, coast range newt, Santa Ana speckled dace, and two striped garter snake.

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 and Dave Peebles, ANF. Ann Brierty, San Manuel Band of Mission Indians.

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, Notice to Proceed #38 was issued by CPUC on August 23 (see Table 1) for tower and foundation removal. A separate Notice to Proceed Request for the underground installation is expected in the fall 2013. Limited SCE crews are conducting work as presented below.

Segments 7 and 8 66 kV:

1. Wrecked out Towers M0-T3, M0-T4, M0-T6, M0-T7, M1-T2, M1-T3, and M1-T4.

Segment 7

2. Equipment was mobilized to the Huntington Yard in preparation for work at Tower M27-T3.
3. Maintenance of BMPs occurred at Towers M41-T5, M41-T5, M42-T2, and M42-T4.
4. 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

5. No work occurred in Phase 1.
6. A Notice to Proceed (NTP) Request was submitted by SCE for the removal of existing TRTP towers in Chino Hills. The NTP #38 was approved on August 20 and revised on August 23.
7. 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

8. Foundation excavation activities occurred at Tower M2-T3 (M70-T6).
9. Both 220 kV circuits (Chino–Mira Loma #1 and #2) were energized in June 2011.

Segment 8 Phase 3

10. SCE crews are conducting the preliminary construction work in Phase 3 until a new transmission line contractor takes over construction later this year.
11. Road recontouring activities occurred at Towers M0-T9A, M72-T3, and M72-T4.
12. Tower pad recontouring activities occurred at Towers M0-T3, M72-T3, M72-T4, M72-T5, M73-T2, and M73-T4.
13. Foundation pouring activities occurred at Towers M0-T3, M72-T3, M72-T4, M72-T5, and M73-T2.
14. Wire stringing activities occurred at Towers M0-T3, M0-T4, M0-T5, M0-T6, M0-T7, M4-T4, M5-T1 and M71-T6.
15. Guard structure installation occurred near Towers M0-T3, M1-T2, and M5-T1.
16. Tower wreck out activities occurred at Towers M0-T3, M2-T2, M2-T3, M2-T4, M5-T1, and M71-T6.
17. Maintenance of erosion control devices took place at various work areas.

Segment 8 Phase 4

18. Access road grading occurred at Tower M49-T2.
19. To date, 100% of the conductor and 100% of the structures on the existing 220 kV Chino-Mesa line have been removed.
20. In all phases of Segment 8, 72% of foundations and 65% of towers are complete. 18% of wire has been strung.

Environmental Compliance:

1. The USFWS issued Amendment #2 to the Biological Opinion on August 20. The amendment covers an increase in impacts to Coastal California gnatcatcher occupied and critical habitat in Segment 8 as well as the use of barren/developed areas within designated critical habitat during construction.
2. 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.
3. 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. A Supplemental Environmental Impact Report/Statement has been prepared by the CPUC and the USFS to address the visual impacts of the required FAA marker balls and lighting. The SEIR/SEIS is expected to be finalized this fall.
4. 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.
5. Two new burrowing owl burrows were found on Segments 7 and 8 during the reporting period.
6. Two burrowing owl buffer reductions were sent to the CDFW. An approval of SCE's approach was sent by CDFW.
7. Coastal California gnatcatcher, burrowing owl, and least Bell's vireo 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 09/18/13)

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	08/07/13	7	Expansion of grading area to construct access road to Tower M27-T3 in Duarte.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
Final Engineering	09/10/13	Under review	7	Access roads to three locations in Segment 7.
#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.
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.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
#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
#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.
#38	08/01/13	8/23/13 (revised)	8	Chino Hills underground: removal of existing towers and foundations.
	08/14/13	Comments to SCE 9/11/13	11C	Construction of Segment 11C between Vincent and Gould Substations.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
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
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.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
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.
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.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
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 09/18/13)

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

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 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

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.
#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	08/07/13	11B	Pedestrian access to distribution line via trails.
#145	08/15/13	08/23/13	8	Extra work space near Tower M57-T2 in Tonner Canyon.
	09/09/13	Under review	8	Use of two pull outs for parking equipment near Towers M44-T3 and M43-T3.
	02/22/12	On hold	8	Extra work space @ Tower M60-T1.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 09/18/13)

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
#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

TEWS Request	Date Requested	Date Approved	Segment	Description
#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
#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.

TEWS Request	Date Requested	Date Approved	Segment	Description
#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.
#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.

TEWS Request	Date Requested	Date Approved	Segment	Description
#79	08/08/13	08/08/13	8	Extra workspace to access Tower M1-T5.
#80	08/13/13	08/13/13	11	Additional access to Yard 58.
#81	08/16/13	08/17/13	11	Additional parking area at Pasadena College parking lot.
#81	09/05/13	09/05/13	11	Extra space for guard structure set up, Eaton Dam.
#82	09/10/13	09/13/13	8	Access to existing manhole in Chino.
#83	09/10/13	09/13/13	8	Extra work space east of M2-T5, Segment 8 Phase 3.

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 09/18/13)

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
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

Type	Date	Location	Description
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: Wire stringing activities occurring at Construct 15 on Segment 6.



Figure 2: Cultural/archeological agency review with SCE throughout Segment 11C at site testing locations.