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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:** September 06, 2011  
**Subject:** Weekly Report 186, August 14 to August 20, 2011

## 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 & 5, respectively.

**CPUC/Aspen Environmental Monitors (EM):** Jenny Slaughter, Stephanie Jayne, and Allison Roth

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

### Summary of Activity:

1. Mowing activity and weed abatement occurred at the Highwind Material Yard near Tehachapi. The yard contains material for Segment 3B.
2. Construction of Segments 1, 2, and 3A have been completed. Construction of Segment 3B, from Windhub Substation to and including Highwind Substation, has not started and no firm schedule has been developed by SCE. Focused surveys for desert tortoise and Mohave ground squirrel were conducted in the spring, and the results for the desert tortoise focused surveys were approved on August 30.
3. Construction activities at the Antelope Substation included above grade electrical shunt capacitor work in Phase II. Below grade Phase I construction and MEER building construction are 100% complete. Testing of transformers (AA banks) is complete.
4. No materials were stored in the laydown yard at the Antelope Substation during this reporting period. The spoil pile in front of the Antelope construction trailers is being leveled and will be covered and stabilized for potential future use. An SCE office trailer for TRTP 4-11 has been installed adjacent to the spoil pile area.
5. Construction activities at the Windhub Substation included final adjustments on disconnects, pulling conductor for bus extensions, and filling the transformers with oil. Capacitor below-grade foundations and conduit are 99% complete. Transportation of materials to Whirlwind Substation is ongoing. Bird netting installation over materials and steel continued.



6. Restoration on Segment 1 has been recently completed, and is still being maintained. The annual report for Segment 1 has been submitted. Quarterly Report #2 for the activity was submitted August 8th.
7. Revegetation for Segments 2 and 3A started in mid-February and was completed in April. Ongoing maintenance activities will be documented in Quarterly Reports to the CPUC.

#### **Environmental Compliance:**

1. BMPs installed during construction of Segment 1 were observed to be in disrepair. SCE has been notified of the location of the damaged silt fencing.
2. The CPUC EM's conducted a site visit at Highwind Material Yard on August 18<sup>th</sup> when KGC commenced mowing. The Lead SCE Biological Monitor was onsite. The crew was equipped with fire tools, but no water was onsite. The SCE Environmental Coordinator was contacted and informed the CPUC EM's that water would be onsite the following day.
3. SCE has developed a solution for the channel incision that occurred immediately downstream of the riprapped stream channel at the Windhub Substation site for which an Addendum was approved by the CPUC. SCE is also reviewing the need for a modified California Department of Fish and Game (CDFG) Streambed Alteration Agreement for the effort and is coordinating with the Regional Water Quality Control Board.

No SCE NCR's were issued during the reporting period. 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. No work is scheduled to occur in the Vincent Substation expansion area until October. The large soil stockpile remains active and is scheduled for removal in September. Inside the Substation, upgrade work in Position 1 continued. The contractor started foundation work in the Midway to Vincent No. 2 area. KGC remains onsite to maintain the SWPPP, BMP's, trash, road sweeping, and dust control.
2. Segment 4: KV Structures (drilling contractor) has completed foundation work and a total of 67 foundations were placed. H&M steel crews continued tower assembly and erection at Towers 18, 21, 39, and 55. Tower erection is approximately 83% complete. Wire stringing activities are scheduled to begin on September 6th.
3. Segment 5: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 28A, 28B, and 49 (see Figure 1). Woodward commenced foundation work on the Midway to Vincent tower upgrades starting with Towers M96-T4X, M96-T5X, M97-T1XXX, and M97-T4AX. H&M steel crews continued tower assembly and erection at Towers 16, 18, 23, 31, 37, 45, 62, and 67. H&H Grading conducted removal of old steel and existing foundations from the 220 kV towers. Demolition of the 220 kV towers is 95% complete. H&H graded new access roads in various locations (see Figure 2). The soil stabilization work at Tower 30 is on hold due to an engineering issue. BMP maintenance occurred at several locations throughout the segment. Wire stringing activities are scheduled to begin on August 29th.

4. Segment 10: KV Structures (drilling contractor) continued drilling, setting rebar cages using a spider jig for stub angle placement, and concrete pouring at Towers 30, 31, 33, 34, 35, 44, 46, 73, 82, 85, and 86. Tower 89 has not been drilled due to an active bird nest. Cultural and paleontological monitors have been onsite at the required tower locations. H&M steel crews continued tower assembly and erection at Towers 48, 50, 52, 55, 58, 59, 60, 61, 62, and 64. Moore Fence Company continued temporary tortoise fence installation along General Petroleum Road. The permanent fence installation crew continued work in the tower disturbance sites. BMP's were installed along spur roads and tower disturbance sites. H&H Grading continued grubbing of disturbance sites and road improvement work along General Petroleum Road. Joshua trees are being avoided in the tower disturbance sites where feasible.
5. Segment 10 Telecom: No work occurred during the reporting period. SCE submitted updated biological preconstruction survey reports for additional work that needs to be conducted throughout the segment. Work is scheduled to begin on the Rosamond to Windhub portion on August 22<sup>nd</sup>.
6. Whirlwind Substation: Below-grade construction, civil foundations and conduits are 100% complete. Work completed in the 500 kV area includes switchrack, foundation work, setting of transformers, circuit breakers, buses, deadends, and grounding. The 220 kV switchrack, reactors, and cable trenching is 100% complete. Ongoing work in the 220 kV area includes bus deadends, conductor installation, disconnect switches, and grounding. Foundation pouring at the main entrance gate also occurred (see Figure 3). Watering for fugitive dust continued.

#### **Environmental Compliance:**

1. On August 4<sup>th</sup>, SCE requested CDFG project wide approval for the use of tag lines which entails foot traffic outside of approved disturbance areas. Tag lines are used to maintain control of tower sections being raised and positioned. On August 15<sup>th</sup>, CDFG recommended that SCE document the impacts that occur from the tag line work and include them in the project totals.
2. On August 16<sup>th</sup>, the CPUC EM participated in a field meeting to discuss two pullout areas north of Tehachapi Willow Springs Road at Towers 24 and 25. Representatives from SCE, Burns & McDonnell, and Henkels & McCoy were in attendance. H&H, the grading subcontractor, was onsite to stake the areas more clearly ahead of the fence crews. A stand of mature Joshua trees were also avoided at the pullout area north of Tower 24.
3. On August 17<sup>th</sup>, SCE sent email notification to CDFG regarding the change in habitat impacts for variances that were recently approved.
4. Also on August 17<sup>th</sup>, SCE requested from CDFG reduced helicopter buffers for burrowing owls on Segment 4. CDFG had no comments.
5. SCE sent notification to USFWS, per their request, as a reminder that helicopter activity is starting August 29<sup>th</sup>. SCE requested a current California condor population range.
6. The CPUC EM's verified disturbance staking and Environmentally Sensitive Area (ESA) flagging from Towers 15 to 1 at Windhub Substation on Segment 10. The surveys were approved for construction.
7. The CPUC EM verified the updated preconstruction surveys for Segment 10 Telecom, from Rosamond to Windhub Substations. The surveys were approved for construction.
8. Olive trees were removed from the disturbance areas at Towers 8 and M90-T1X on Segment 5 in preparation for foundation work (see Figure 4).
9. The CPUC EM verified disturbance staking for additional wire setup sites (WSS), guard pole site, and road improvement on Segments 4, 5, and 10. These additional areas were approved under Variances #76, 77, 79, and 80.

10. The Revert polymer mixture of soil and water was cleaned up, stockpiled on plastic sheeting and covered at Tower M74-T1X on Segment 4. Ninyo and Moore took soil samples from the polymer/soil stockpile for testing to determine appropriate disposal methods. ETIC, SWPPP contractor, informed SCE that the stockpile will be hauled off to an approved dump site. SCE requested documentation from ETIC.
11. The CPUC received a memorandum from SCE on April 11<sup>th</sup> 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.
12. Special-status species observed during the subject period by Biological Monitors included desert kit fox, Northern harrier, loggerhead shrike, and Yellow-headed blackbird.
13. One new nest discovered during the subject period included mourning dove.

One SCE Level 1 NCR was issued during the subject period for TRTP Segment 4, 5 and 10 construction activities (see Table 4). No CPUC Project Memoranda or NCR's were issued for Segments 4, 5, and 10 during this reporting period. Non-Compliance activities for the project to date are summarized in Tables 4 and 5.

**Agency Representatives during Construction (other than CPUC EMs):**

None.

**SEGMENTS 6 AND 11 - ANGELES NATIONAL FOREST**

**Summary of Activity**

1. 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 Special Use Permit is anticipated for release in September 2011. Subsequently, construction is expected to begin in September/October 2011.
2. Vincent North and South Material Yards: During the subject period, material delivery occurred.
3. During the subject period, crews removed travelers, sagged conductor, clipped-in dead-ends and put in spacers from M17-T3 to M15-T2 on Segment 11A (see Figure 5).
4. San Gabriel Yard: During the subject period, material delivery occurred and the yard was used as a show-up site for PAR crews.
5. Weed abatement activities have been completed on Segments 6 and 11 for the season. Approximately 35 acres of weed abatement has occurred to date.

**Environmental Compliance**

1. Watering for dust control occurred at the Vincent North and South Material Yards.
2. The CPUC EM approved a TEWS request on August 19<sup>th</sup> for additional access to Tower M14-T6.
3. One new mourning dove nest was identified at the Vincent South Material Yard during the reporting period.
4. No special-status species were observed during the subject period.

No SCE NCR's were issued during the subject period for TRTP Segment 6 and 11 construction activities. No CPUC Project Memoranda or NCR's were issued for Segments 6 and 11 during this reporting period. Non-Compliance activities for the project date are summarized in Tables 4 and 5.

## **SEGMENTS 7 AND 8 - LOS ANGELES AND SAN BERNARDINO COUNTIES**

### **Summary of Activity**

1. Segments 7 & 8, 66 kV: During the subject period, Wilson crews finished work on the overhead portion of the Rio Hondo–Bradbury and Rio Hondo–Amador-Jose-Mesa lines. Crews finished transferring 66 kV wire to poles along Arrow Highway and completed the installation of tubular steel poles (TSPs) on Ramona Boulevard, installing ground wires and hardware on poles. SCE crews continued pulling conduit on the Rio Hondo–Anita No. 2/Rio Hondo–Amador lines west and east of Interstate 605 (I-605). Additionally, SCE crews continued setting TSPs and stringing wire on various 66 kV lines behind Mesa Substation.
2. Segment 7: Wilson crews mowed and installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Wilson crews completed installation of the fiber optical ground wire (OPGW) in the City of Duarte. Wilson continued assembly of one tower in the City of Duarte within Huntington Contractor Yard. Tri-State continued drilling three tower foundations (see Figure 6). To date, 72% of the conductor of the existing 220 kV Antelope-Mesa line has been removed, and 56% of the structures have been removed. Of the 78 new double circuit 500 kV structures on the Mira Loma–Vincent line, a total of 26% of the foundations are complete.
3. Segment 8, Phase 1: Wilson crews mowed vegetation and installed BMPs at tower sites and wire setup sites to keep environmental surveys active (see Figure 7). Wilson continued assembly at one tower. Tri-State continued drilling at one tower location and three pole locations (see Figure 8). To date, 100% of the conductor and structures have been removed of 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, a total 83% of the foundations are complete (including 100% of the tubular steel pole foundations in the City of Chino Hills) and 30% of the towers are complete.
4. Segment 8, Phase 2: Wilson crews mowed and installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Both 220 kV circuits (Chino–Mira Loma #1 and #2) were energized in June 2011.
5. Segment 8, Phase 3: No work occurred during the subject period.
6. Segment 8, Phase 4: DCX continued drilling at three tower locations. Foundations are now 12% complete on Phase 4. Additionally, Wilson crews continued assembly at a tower at the I-605 Shoofly. Wilson crews also continued work on the Fullerton Road Shoofly, setting emergency steel poles and wrecking out a tower within the Fullerton Yard (see Figure 9). To date, 74% of the conductor and 74% of the structures on the existing 220 kV Chino-Mesa line have been removed. In total, one structure on the new double circuit 500 kV Mira Loma–Vincent line has been erected, and three structures on the 220 kV Chino-Mesa line have been erected.

### **Environmental Compliance:**

1. The restriction on the use of Tonner Canyon Road within Tonner Canyon, City of Industry (Segment 8, Phase 1) was lifted due to the end of bird nesting season. Work is scheduled to resume within Tonner Canyon the week of August 26<sup>th</sup>.
2. On August 12<sup>th</sup> SCE requested project-wide extensions of preconstruction survey sweeps from 7 days to 14 days during non-nesting season. Concurrence with SCE's approach to extending preconstruction sweeps was sent on August 16<sup>th</sup>.
3. The CPUC EM spoke with crews on August 18<sup>th</sup> at the main DCX tailboard about an area adjacent to M46-T1, Segment 8 Phase 4. The crews were told that the area was not approved for construction use and could not be approved as a TEWS as it is adjacent to critical habitat for the coastal California gnat-catcher. The biological monitor observed a DCX crew parking and unloading equipment within the unapproved area later that day. An SCE Level 2 non-compliance was issued.

4. The CPUC EM approved a TEWS request on August 18<sup>th</sup> for an additional parking area adjacent to pole M64-T4 on Segment 8, Phase 1.
5. On August 18<sup>th</sup>, Rancho Santa Ana Botanic Garden (RSABG) provided an update to SCE on the current status of the salvaged rare plant. From 10 samples taken from the discovered plant, 25 propagules were made. By September 1<sup>st</sup>, the plants will be ready to be transferred to 1 gallon containers, where they will remain for the next year.
6. On August 19<sup>th</sup>, SCE provided notification to CDFG of a reduced buffer to three feet for a woodrat midden. The midden was discovered during road building activity from Tower M51-T5 to M51-T4 on Segment 8 Phase 4. Seven feet of the ten foot buffer for the woodrat was in the road.
7. The CPUC EM observed that a boom truck being used as guard structure was parked in an unpaved area at the corner of Pathfinder Road and Fullerton Road in the City of Rowland Heights (see Figure 10). A TEWS request was received and approved on August 12<sup>th</sup> for an additional guard pole site at the locations, but the TEWS request had been conditioned for parking on a paved surface only. The CPUC EM spoke with SCE about the accuracy of future TEWS requests.
8. The routes of ingress and egress within the Puente Hills Landfill Native Habitat Authority (PHLNHPA) were discussed on the Work Package 3 construction meeting on August 16th. Construction traffic is currently travelling to the towers west of Frame Avenue using the same route for ingress and egress. Per Mitigation Measure F-1, there should be mechanisms through which narrow roads shall be kept passable, and there should be strategic locations for adequate construction parking. Wilson responded that monitors and inspectors should use a separate access point to the sites west of Frame Avenue, but that coordination of vehicle traffic would be too difficult to do. The concern was tabled for further discussion at the Work Package 3 safety meeting.
9. ICF Biologists continue to collapse California ground squirrel burrows along Edison Avenue in the City of Chino as part of the CDFG approved burrowing owl relocation program that commenced on February 1<sup>st</sup>.
10. The CPUC EM received two new preconstruction survey reports for 66 kV, Segment 7 Segment 8 Phase 1 and Segment 8 Phase 4. The EM sent questions to SCE about both surveys and has not yet received a response.
11. Coastal California gnatcatcher was observed during the week by Biological Monitors.
12. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Five nests discovered during the subject period on Segments 7 and 8 included: Eurasian collared-dove nests, lesser goldfinch nests, northern mockingbird, nutmeg manikin nests and burrowing owl nests. Buffer reductions were implemented for all of the nests.

One SCE Level 1 and one SCE Level 2 non-Compliance Reports were issued during the subject period (see Table 4). No CPUC Non-Compliances or Project Memoranda were issued during the subject period for Segment 7 and 8 construction activities. Non-Compliance activities for the project to date are summarized in Tables 4 and 5.

**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 09/06/11)

| NTP #/<br>Permit   | Date<br>Requested | Date<br>Issued | Segment<br>#          | 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<br>Addendum   | 12/21/09          | 01/19/10       | 1                     | Permanent AR 19 and access road to Const 34A.  |
| CPUC<br>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<br>Addendum   | 01/25/10          | 02/01/10       | 2                     | Reclassification of two temporary roads to permanent and relocation of transposition poles.  |
| Revised<br>CPUC<br>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 Marshalling Yard  |
| #29  | 02/10/10          | 03/02/10       | 1                     | Relocation of the Sagebrush Transmission Line at the Antelope Substation expansion area.   |
| CPUC<br>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<br>Addendum   | 04/06/10          | 04/27/10       | 3B                    | Elimination of transposition towers in Segment 3B.   |
| CPUC<br>Addendum   | 04/16/10          | 04/22/10       | 1                     | Installation of fiber optics surrounding the Antelope Expansion.   |
| CPUC<br>Addendum   | 05/25/10          | 06/04/10       | 1                     | Permanent overland travel routes for Operation and Maintenance inspections.  |
| CPUC<br>Addendum   | 05/25/10          | 06/04/10       | 2                     | Permanent overland travel routes for Operation and Maintenance inspections.  |
| CPUC<br>Addendum   | 11/23/10          | 12/14/10       | Windhub<br>Substation | Place additional riprap at the channel outlet at Windhub Substation, to mitigate for downstream erosion resulting from 2009/2010 rains.                            |
| 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<br>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  |

| NTP #/<br>Permit | Date<br>Requested | Date<br>Issued      | Segment<br>#          | Description  |
|------------------|-------------------|---------------------|-----------------------|--|
| #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<br>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   |
| #11              | 05/08/10          | 08/12/10            | 8                     | Segment 8 Transmission Line, Chino Hills, Phase I  |
| #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   |
| #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.  |
| #16              | 08/30/10          | 09/13/10            | 4                     | Segment 4 Transmission Line  |
| #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.                         |
| #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<br>Telecom         | Changes to telecom route. ITP/BO acreage confirmation pending.   |
| #20 Mod          | 06/17/11          | 06/24/11            | 10<br>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<br>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<br>Addendum | 11/22/10          | 12/14/10            | Vincent<br>Substation | Section of road widening and riprap extension for the Vincent Substation expansion.  |
| #23              | 12/22/10          | 1/11/11             | 6 & 11                | Material Yard 75   |
| #24              | 11/10/10          | 1/13/11             | 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.   |



| NTP #/<br>Permit                  | Date<br>Requested | Date<br>Issued | Segment<br># | Description   |
|-----------------------------------|-------------------|----------------|--------------|---|
| #25                               | 11/19/10          | 1/13/11        | 8            | Fullerton (1) and Tonner Canyon (2) Contractor Yards. USFWS/CDFG survey requirements for Tonner Cys required. Only Fullerton CY approved under NTP #25.   |
| #26                               | 06/22/10          | 1/14/11        | 9            | Whirlwind Substation.   |
| #27                               | 01/03/11          | 03/08/11       | 10           | Segment 10 Transmission Line.   |
| CPUC<br>Addendum                  | 03/01/11          | 03/17/11       | 9            | Bridge construction to access Whirlwind Substation.   |
| #28                               | 04/22/11          | 5/6/11         | 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)  |
| ANF PERMTTING – 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.   |

## 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 09/06/11)

| Variance<br>Request   | Date<br>Requested | Date<br>Issued | Segment<br># | 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. |

| Variance Request                 | Date Requested | Date Issued | Segment #                   | Description  |
|----------------------------------|----------------|-------------|-----------------------------|--|
| VR #68                           | 04/09/10       | 04/12/10    | 1                           | Release restoration requirements on road to wreck-out tower 20-4 in Section 3.   |
| VR #69                           | 05/04/10       | 05/07/10    | 1                           | Contractor Yards surrounding Antelope Substation.  |
| VR #69 MOD                       | 07/29/10       | 08/02/10    | 1                           | Additional space for storage at Antelope Substation for material being delivered for Antelope, Vincent and Whirlwind substations.                      |
| VR #70                           | 06/02/10       | 06/04/10    | 1                           | Additional disturbance areas adjacent to the pole erections for the 220 kV Sagebrush relocation work around the Antelope Substation.                   |
| VR #71                           | 06/22/10       | 06/23/10    | 1                           | Change in construction work hours for work on the Sagebrush 220 kV transmission line.  |
| VR #71 MOD #1                    | 06/24/10       | 06/25/10    | 1                           | Expansion of construction hours for Sagebrush 220 kV T/L and foundation installation work at Antelope Substation.                                      |
| VR #71 MOD #2                    | 07/08/10       | 07/09/10    | 1                           | Further expansion of construction hours for Antelope Substation construction.  |
| VR #71 MOD #3                    | 11/18/10       | 11/19/10    | 1                           | Further expansion of construction hours for Antelope Substation construction.  |
| 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.  |

| Variance Request | Date Requested   | Date Issued | Segment #  | Description  |
|------------------|------------------|-------------|------------|--|
| VR #16           | 11/12/10         | 11/19/10    | 5          | Realign an existing access road at the southeastern corner of the Vincent Substation 500 kV expansion area to allow for the construction of the Segment 5 T/L. |
| VR #17           | Revised 11/17/10 | 11/22/10    | 8          | Additional 66 kV material storage near Rio Hondo and Chino Substations   |
| VR #18           | 11/24/10         | 12/01/10    | 5          | Continue use of two existing access roads that are approved under a TEWS   |
| VR #19           | Revised 11/23/10 | 12/01/10    | 5          | Additional wire stringing sites.   |
| VR #20           | 11/30/10         | 12/02/10    | 8          | Revised alignment of an access road for safer access to tower sites.   |
| VR #21           | 12/3/10          | 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           | 1/6/11           | 1/6/11      | 7          | Revised disturbance areas in Montebello Hills  |
| VR #27           | 1/12/11          | 1/13/11     | 7          | Relocation of interset tower M54-T3a   |
| VR #28           | 01/14/11         | 1/19/11     | Yard       | Grading at Vincent South Material Yard.  |
| VR # 29          | 01/14/11         | 1/19/11     | 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              | 2/14/11          | 2/14/11     | 8          | Access to additional wire setup sites between Oaks Avenue and Tower M46-T7b.   |
| #36              | 2/14/11          | 2/15/11     | 10 Telecom | Move two wood poles approximately 5 feet out of the drainage along Oak Creek Road.   |
| #37              | 2/19/11          | 2/24/11     | 6          | Modification to Yard 75 boundaries.  |
| #38              | 2/23/11          | 2/25/11     | 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              | 04/6/11                         | 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              | 04/5/11                         | 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<br>Revised<br>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<br>Review | All       | Variance to MM AQ-1d  |
| #70              | 06/14/11                        | 06/30/11       | 5         | Change in pulling site locations at CT 22, 43, 51a & 57.  |
| #71              | 06/27/11                        | 07/06/11       | 8         | Extra workspace at M57-T2 and M57-T3.   |
| #72              | 07/01/11                        | 07/08/11       | 8         | Additional workspace at the I-605 Shoofly area  |
| #73              | 06/01/11                        | 07/08/11       | 10        | Shift in Tower 43 Wire Setup Site. Additional information provided 07/07.                                 |
| #74              | 07/22/11                        | 07/28/11       | 11A       | Modification of guard pole sites along Segment 11A.   |
| #75              | 07/25/11                        | 08/03/11       | 11A       | Equipment AQ-1d compliance.   |
| #76              | 07/18/11<br>Revised<br>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.                            |

| Variance Request | Date Requested | Date Issued  | Segment # | Description   |
|------------------|----------------|--------------|-----------|---|
| #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. Inquiry sent 07/27.  |
| #84              | 08/30/11       | 09/01/11     | 8         | M54-T1 and M54-T2 Access road and staging area.   |
|                  | 07/15/11       | Under Review | 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. |
|                  | 08/29/11       | Under Review | 7/8 66 kV | Montebello Hills Insulator Replacement  |
|                  | 09/02/11       | Under Review | 4         | Two guard pole sites  |

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 09/06/11)

| 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  | 10/8/10        | 10/8/10       | 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  | 11/1/10        | 11/1/10       | 5         | Use of an existing SCE access road.   |
| #7  | 11/1/10        | 11/3/10       | 5         | Use of an existing road (Parkwood Drive).   |
| #8  | 11/2/10        | 11/2/10       | 8         | Use a site not previously identified for vehicle parking and as a helicopter landing zone.    |
| #9  | 11/30/10       | 12/1/10       | 5         | Use 8 existing spur roads as extra parking and turnaround areas                               |
| #10   | 12/2/10        | 12/2/10       | 7         | Additional access road for on Rio Hondo–Anita No. 2 66 kV.                                    |

| TEWS Request | Date Requested | Date Approved | Segment # | Description   |
|--------------|----------------|---------------|-----------|---|
| #11          | 12/8/10        | 12/8/10       | 5         | Use an existing spur road near Tower 29, north of Elizabeth Lake Road.  |
| #12          | 12/9/10        | 12/9/10       | 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          | 1/10/11        | 1/10/11       | 8         | Access road to Tower M2-T5  |
| #15          | 1/11/11        | 1/11/11       | 8         | Additional parking area in Tonner Canyon.   |
| #16          | 1/17/11        | 1/17/11       | 5         | Additional parking and turnaround area near Tower 54.   |
| #17          | 1/18/11        | 1/18/11       | 7         | Use of a dirt road for access to M41-T4 wire sites.   |
| #18          | 2/4/11         | 2/4/11        | 7         | Additional access road to Tower M54-T3a.  |
| #19          | 2/11/11        | 2/11/11       | 5         | Extension for use of mudpit road north of Elizabeth Lake Road.  |
| #20          | 2/15/11        | 2/25/11       | 7         | Crane parking on Brookridge Road in the City of Duarte.   |
| #21          | 3/2/11         | 3/2/11        | 8         | Additional parking within Tonner Canyon adjacent to M57-T1  |
| #22          | 3/3/11         | 3/3/11        | 8         | Additional parking within Tonner Canyon adjacent to M57-T3  |
| #23          | 3/3/11         | 3/3/11        | 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          | 3/31/11        | 3/31/11       | 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  |

| TEWS Request | Date Requested | Date Approved | Segment # | Description  |
|--------------|----------------|---------------|-----------|--|
| #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   |

**NON-COMPLIANCES & INCIDENTS**

Table 4 provides a summary of CPUC and SCE reported compliance incidents. A summary of CPUC Non-Compliance Reports and Project Memorandum is provided in Table 5.

**TABLE 4**  
**OTHER COMPLIANCE INCIDENTS**  
 (Updated 08/20/11)

| Description  | Type <sup>1</sup> | Date  | Location  |
|--|-------------------|---|---|
| <b>OTHER COMPLIANCE INCIDENTS, SEGMENTS 1-3</b>  |                   |   |   |
| <i>For Other Compliance Incident activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106-107.</i>   |                   |   |   |
| <b>OTHER COMPLIANCE INCIDENTS, SEGMENTS 1-11 (January 2010 thru the present)</b>   |                   |   |   |
| <b>Approved work areas &amp; pre-construction surveys/sweeps:</b><br>Entry prior to CPUC approval, entry prior to CPUC EM clearance (appropriate flagging/fencing in place), equipment/materials or parking outside of approved disturbance areas, | CPUC              | 04/20/10<br>06/03/10<br>10/19/10<br>11/15/10<br>01/26/11<br>07/25/11  | Rancho Vista CY<br>Antelope<br>Seg 7/8, 66 kV<br>Segment 8<br>Segment 8<br>Segment 7  |
|  | Level 0           |   |   |
|  | Level 1           | 09/21/10<br>10/01/10<br>10/09/10<br>12/06/10<br>01/07/11<br>01/12/11<br>02/11/11<br>02/12/11<br>02/12/11<br>02/14/11<br>03/07/11<br>03/11/11<br>03/15/11<br>03/15/11<br>03/16/11<br>03/29/11<br>04/2/11<br>04/25/11<br>04/25/11<br>04/27/11<br>04/28/11<br>05/05/11<br>05/06/11<br>06/02/11<br>06/09/11<br>06/13/11<br>06/16/11<br>06/16/11<br>06/16/11<br>06/20/11<br>07/25/11<br>07/28/11<br>08/04/11<br>08/08/11 | Mesa Yard<br>Racetrack CY<br>Segment 4 (2)<br>Segment 8<br>Segment 5<br>Segment 4<br>66 kV<br>Segment 8<br>Segment 8<br>Segment 8(2)<br>Whirlwind<br>Segment 8<br>Whirlwind<br>Racetrack<br>Segment 4<br>Segment 5<br>Segment 5<br>Segment 5<br>Whirlwind<br>Vincent N MY<br>Segment 8<br>Segment 5<br>Segment 4<br>Segment 5 (2)<br>Segment 7<br>Segment 5 (2)<br>10 Telecom<br>Segment 7<br>Segment 8<br>Segment 5<br>Segment 8 (2)<br>Segment 8<br>Segment 8<br>Segment 11 |



| Description  | Type <sup>1</sup> | Date   | Location  |
|--|-------------------|--|---|
|  | Level 2           | 06/13/10<br>01/12/11<br>02/16/11<br>02/17/11<br>02/18/11<br>02/18/11<br>02/19/11<br>02/21/11<br>02/21/11<br>02/25/11<br>02/25/11<br>02/25/11<br>02/25/11<br>03/09/11<br>03/10/11<br>03/15/11<br>03/16/11<br>04/1/11<br>04/06/11<br>05/04/11<br>05/14/11<br>06/01/11<br>06/02/11<br>07/05/11(3)<br>07/06/11<br>07/12/11<br>07/14/11<br>07/28/11<br>08/18/11 | Seg 7, Telecom<br>Segment 4<br>Segment 7<br>Segment 7<br>Segment 7<br>Segment 7 66 kV<br>Segment 7<br>Segment 4<br>Segment 4<br>Segment 4<br>Segment 4<br>Segment 4<br>Segment 5<br>Segment 5<br>Segment 4<br>Segment 4<br>Segment 4<br>Segment 8<br>Segment 4<br>Segment 4<br>Segment 10<br>Segment 10<br>Segment 4<br>Segment 4<br>Segment 4<br>Segment 10<br>Segment 10<br>Segment 8 |
|  | Level 3           | 03/16/11   | Segment 4   |
| <b>Biological Resource ESA (non-nesting) &amp; Disturbance Areas:</b><br>ESA buffer encroachment, work with no biological monitor present, work starting prior to daily biological sweep | CPUC              | 09/21/10<br>04/26/11   | Seg 8, Phase 1<br>66 kV   |
|  | Level 0           | 06/30/11   | Segment 8 (3)   |
|  | Level 1           | 08/03/10<br>12/06/10<br>02/07/11<br>02/14/11<br>02/16/11<br>02/23/11<br>03/09/11<br>03/15/11<br>04/02/11<br>04/07/11<br>05/16/11<br>05/19/11<br>06/07/11<br>06/15/11<br>06/15/11<br>06/20/11<br>06/24/11<br>07/18/11<br>07/19/11<br>07/21/11<br>08/13/11   | Seg 7, Telecom<br>Segment 8<br>Segment 8<br>Segment 7<br>Segment 8<br>Segment 8<br>Segment 5<br>Whirlwind<br>Segment 4<br>Segment 8<br>Segment 8<br>Segment 8<br>Segment 4<br>Segment 10<br>Segment 5<br>San Gabriel CY<br>Segment 8<br>Segment 4(2)<br>10 Telecom<br>Segment 8<br>Segment 10   |
|  | Level 2           | 03/05/11<br>03/15/11   | Segment 8<br>Segment 5  |
|  | Level 3           |  |   |

| Description   | Type <sup>1</sup> | Date   | Location  |
|---|-------------------|--|---|
| <b>Nesting:</b> Buffer encroachment, unauthorized nest removal, inadequate notifications, | CPUC              | 06/02/10<br>06/04/10<br>01/26/11   | Antelope<br>Antelope<br>Vincent   |
|   | Level 0           |  |   |
|   | Level 1           | 03/24/10<br>05/12/10<br>05/13/10<br>06/24/20<br>07/06/10<br>01/28/11<br>02/23/11                         | Vincent<br>Vincent<br>Vincent<br>Yard 28<br>Yard 28<br>Segment 5<br>10 Telecom                                    |
|   | Level 2           | 06/17/10<br>06/22/10<br>03/29/11<br>04/16/11<br>05/09/11<br>06/02/11<br>06/17/11<br>06/21/11<br>07/11/11 | Vincent<br>Yard 28<br>Segment 8<br>Segment 8<br>Racetrack CY<br>Segment 5<br>Segment 5<br>Segment 10<br>Segment 4 |
|   | Level 3           | 04/29/11   | Segment 8   |

| Description   | Type <sup>1</sup> | Date   | Location   |
|---|-------------------|--|--|
| <b>Biological Resource Endangerment:</b> Foundation holes not covered @ the end of the day, micro-trash, improper bird netting installation/gaps in netting, road improvement in tortoise habitat, tortoise gates left open/gaps in fence | CPUC              |  |  |
|   | Level 0           |  |  |
|   | Level 1           | 10/11/10<br>10/12/10<br>10/13/10<br>11/05/10<br>01/09/11<br>01/12/11<br>02/02/11<br>02/08/11<br>02/09/11<br>02/12/11<br>02/16/11<br>02/14/11<br>02/15/11<br>02/15/11<br>03/08/11<br>03/10/11<br>03/18/11<br>03/23/11<br>04/01/11<br>03/29/11<br>03/29/11<br>03/31/11<br>04/1/11<br>04/06/11<br>04/11/11<br>04/18/11<br>04/27/11(3)<br>04/30/11<br>05/03/11<br>05/06/11<br>05/07/11<br>05/18/11<br>05/20/11<br>05/21/11<br>05/25/11<br>05/31/11<br>06/01/11<br>06/03/11<br>06/04/11<br>06/07/11<br>06/08/11<br>06/08/11<br>06/08/11<br>06/13/11<br>06/14/11<br>06/16/11<br>06/20/11<br>06/21/11<br>06/23/11<br>06/28/11<br>07/14/11<br>07/18/11<br>08/01/11<br>08/19/11 | Vincent<br>Vincent<br>Racetrack CY<br>Racetrack CY<br>Segment 8<br>Segment 5<br>Segment 8<br>Segment 8<br>Whirlwind<br>Whirlwind<br>Rancho Vista MY<br>Whirlwind<br>Whirlwind<br>Segment 5<br>Rodeo<br>Rodeo<br>Segment 4<br>Material Yard 28<br>Segment 8<br>Vincent N MY<br>Material Yard 28<br>Material Yard 28<br>Segment 5<br>Segment 4<br>Whirlwind<br>Racetrack CY<br>Vincent N MY<br>Vincent S MY<br>Segment 4<br>Whirlwind<br>Vincent N MY<br>Material Yard 28<br>Racetrack CY<br>Vincent N MY<br>Racetrack CY<br>Segment 5<br>Vincent S MY<br>Segment 4<br>Vincent N MY<br>Vincent S MY<br>Racetrack CY<br>Vincent S MY<br>Vincent N MY<br>Segment 5<br>Whirlwind<br>Segment 7<br>Segment 7<br>Racetrack CY<br>Racetrack CY<br>Vincent N MY<br>Segment 10<br>Segment 8<br>Strawberry CY<br>Segment 8 |
|   | Level 2           | 03/08/11<br>06/07/11<br>06/09/11   | Whirlwind<br>Whirlwind<br>Segment 10   |
|   | Level 3           | 05/31/11   | Vincent S MY   |

| Description  | Type <sup>1</sup>   | Date  | Location   |
|--|---|---|--|
| <b>Cultural/Paleontological Resources:</b> Site damage, no monitor present, inadequate notification, unauthorized artifact relocation, | CPUC  | 05/10/10  | Segment 2  |
|  | Level 0   | 12/01/10<br>12/02/10<br>12/03/10<br>12/07/10<br>12/10/10<br>02/02/10  | Segment 8<br>Segment 8<br>Vincent<br>Segment 8<br>Seg 7/8, 66 kV<br>Segment 8<br>Whirlwind<br>03/30/11   |
|  | Level 1   | 09/24/10<br>02/01/11<br>03/22/11  | Segment 5<br>Whirlwind<br>Segment 4  |
|  | Level 2   |   |  |
|  | Level 3   |   |  |
|  | <b>Hydrological Resources:</b> Inadequate BMPs, jurisdictional drainage encroachment, track-out | CPUC  | 05/12/11   |
| Level 0  |   |   |  |
| Level 1  |   | 09/09/10<br>01/31/11<br>02/01/11<br>02/07/11<br>02/10/11<br>02/10/11<br>02/11/11<br>02/17/11<br>02/23/11<br>03/01/11<br>03/01/11<br>03/01/11<br>03/08/11<br>03/09/11<br>03/22/11(2)<br>03/23/11<br>03/25/11<br>04/06/11<br>04/07/11<br>04/07/11<br>04/13/11<br>04/14/11<br>04/05/11<br>04/18/11<br>04/20/11<br>04/26/11<br>05/02/11<br>05/03/11<br>05/04/11<br>05/12/11<br>05/09/11<br>06/09/11<br>06/14/11<br>06/24/11<br>07/12/11<br>07/14/11<br>07/22/11<br>07/26/11<br>08/01/11<br>08/08/11 | Mesa Yard<br>Segment 8<br>Segment 8<br>Mira Loma CY<br>Vincent<br>66 kV<br>Racetrack CY<br>Segment 5<br>Segments 6 & 11<br>Segment 4<br>Segment 4<br>Segment 4<br>Racetrack<br>Segment 5<br>Segment 8<br>Segment 8<br>Segment 4<br>Segment 8<br>Segment 8<br>Segment 8<br>Segment 8<br>Segment 8<br>Racetrack CY<br>Mira Loma CY<br>Segment 5<br>Segment 7<br>Segment 8<br>Segment 8<br>Segment 8<br>Racetrack CY<br>Rodeo CY<br>Segment 8<br>Rio Hondo Yard<br>Whirlwind<br>Racetrack CY<br>Segment 8<br>Segment 8<br>Segment 8<br>San Gabriel CY |
| Level 2  |   | 04/21/11  | Segment 8  |
| Level 3  |   |   |  |

| Description  | Type <sup>1</sup>  | Date  | Location  |
|--|--|---|---|
| <b>Fuel/Hazardous Materials:</b> Spills, no/inadequate secondary containment and labeling, drilling polymer disposed onsite    | CPUC   | 05/28/10<br>07/19/11  | Windhub<br>Whirlwind  |
|  | Level 0  |   |   |
|  | Level 1  | 12/10/10<br>02/03/11<br>02/09/11<br>03/07/11<br>06/10/11<br>07/12/11  | Racetrack CY<br>Segment 7<br>Mira Loma CY<br>Whirlwind<br>Segment 4<br>Segment 8  |
|  | Level 2  |   |   |
|  | Level 3  |   |   |
|  | <b>Public/Worker Safety:</b> No monitoring at contaminated sites, traffic control not in compliance with TMP, no guard poles in place at roadways, | CPUC  |   |
| Level 0  |  | 12/15/10<br>12/28/10  | Seg 7/8, 66 kV<br>Seg 7/8, 66 kV  |
| Level 1  |  |   |   |
| Level 2  |  | 01/20/11  | Segment 7   |
| Level 3  |  |   |   |
| <b>Air Quality:</b> Fugitive dust, non-CA licensed equipment, dust generation from speeding, soil piles, exceeding idling time | CPUC   | 05/12/10<br>05/04/11  | Antelope<br>Whirlwind   |
|  | Level 0  |   |   |
|  | Level 1  | 10/18-22/10<br>02/02/11<br>02/09/11<br>02/09/11<br>02/10/11<br>02/11/11<br>02/19/11<br>03/03/11<br>03/07/11<br>03/14/11<br>03/15/11<br>03/28/11<br>03/28/11<br>04/13/11<br>04/22/11<br>04/26/11<br>05/02/11<br>05/09/11<br>06/07/11<br>07/12/11<br>07/18/11<br>07/20/11<br>08/01/11<br>08/03/11<br>08/05/11<br>08/10/11<br>08/15/11 | Segment 5<br>Segment 8<br>Segment 8<br>Segment 8<br>Whirlwind<br>Whirlwind<br>Whirlwind<br>Vincent N. Yard<br>Whirlwind<br>Whirlwind<br>Whirlwind<br>Segment 8<br>Whirlwind<br>Segment 5<br>Segment 4<br>MY 75<br>Segment 5<br>Whirlwind<br>Racetrack CY<br>Whirlwind<br>Segment 10<br>Segment 4<br>Segment 4 (2)<br>Whirlwind<br>Whirlwind<br>Whirlwind<br>Whirlwind |
|  | Level 2  |   |   |
|  | Level 3  |   |   |

1. Incident Type Definitions

CPUC: Incident document by CPUC EM.

Level 0: Unanticipated Discovery; documented by SCE Monitors.

Level 1: Minor; documented by SCE Monitors.

Level 2: Moderate; documented by SCE Monitors.

Level 3: Significant; documented by SCE Monitors.

**TABLE 5**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
(Updated 09/06/11)

| <b>Type</b>  | <b>Date</b>                                 | <b>Location</b>      | <b>Description</b>  |
|--|---|----------------------|---|
| <b>NON-COMPLIANCE REPORTS &amp; PROJECT MEMORANDA, SEGMENTS 1-3</b>  |   |                      |   |
| <i>For CPUC Non-Compliance Reports &amp; Project Memoranda activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106-107.</i> |   |                      |   |
| <b>NON-COMPLIANCE REPORTS &amp; PROJECT MEMORANDA, SEGMENTS 1-11</b><br>(January 2010 thru the present)  |   |                      |   |
| CPUC Non-Compliance Reports (NCR): None Issued to Date   |   |                      |   |
| NCR  | Issued<br>02/24/11<br>Withdrawn<br>03/24/11 | Project-wide         | No notification of wildlife entrapment/mortality from bird deterrent netting.                         |
| CPUC Project Memoranda (PM)  |   |                      |   |
| PM   | 04/27/10                                    | Segment 3A           | Delivery of equipment to Tower 43 within an ESA without monitors present.                             |
| PM   | 06/23/10                                    | Segment 8<br>West CY | Vegetation clearing without preconstruction biological or clearance surveys within TRTP right-of-way. |
| PM   | 02/16/11                                    | Project-wide         | No notification provided on 10 separate Level 0 incidences.   |
| PM   | 02/16/11                                    | Segment 7            | Construction crews entered area prior to sweep being field validated by CPUC EM.                      |

## PROJECT PHOTOGRAPHS



**Figure 1:** Crane pad site for Tower 28A with fiber roll BMP's, Segment 5.



**Figure 2:** H&H grading the new access road at Tower 37, Segment 5.





**Figure 3:** Concrete driveway at main gate to Whirlwind Substation, Segment 9.



**Figure 4:** Olive tree removal near Towers 8 and M90-T1X, Segment 5.





**Figure 5:** A PAR lineman climbs a tower to remove a traveler after conductor installation, Segment 11A.



**Figure 6:** A Tri-State crew pours a foundation while watering for dust control, Segment 7.



**Figure 7:** A Wilson crews assembles a tower, Segment 8 Phase 1.



**Figure 8:** DCX crews install erosion control BMPs, Segment 8 Phase 1.





**Figure 9:** A Wilson crew removes a tower within Fullerton Yard, Segment 8, Phase 4.



**Figure 10:** A boom truck parked outside of the area approved as a TEWS request, Segment 8 Phase 4.