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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:** August 02, 2011  
**Subject:** Weekly Report 182, July 17 to July 23, 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. 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 schedule has been developed by SCE. Focused surveys for desert tortoise and Mohave ground squirrel were conducted in the spring.
2. Construction activities at the Antelope Substation included conductoring, circuit breaker assembly, and preliminary testing of transformers (AA banks). Some of the conductor work is on hold due to active bird nests.
3. 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 remains active (i.e., soil from the expansion is being added to the pile) and is now being partially used to backfill the tower footing removal work on Segment 5. It may be potentially used as fill in the new Whirlwind Substation. An SCE office trailer for TRTP 4-11 has been installed adjacent to the spoil pile.
4. Construction activities at the Windhub Substation focused on steel and conductoring. Capacitor below-grade foundations and conduit is 99% complete. Transportation of materials to Whirlwind Substation is ongoing. Bird netting installation over materials and steel continued.
5. Material for Segment 3B and the future Whirlwind Substation is being stored at the Highwind Yard.
6. Restoration on Segment 1 has been recently completed, and is still being maintained. The annual report for Segment 1 has been submitted. Quarterly reports for the activity are also expected this year.



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. 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 Streambed Alteration Agreement for the effort.

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. In the Vincent Substation expansion area, testing continued on the circuit breakers. The large soil stockpile remains active and is scheduled for removal in September. Inside the Substation, upgrade work in Position 1 continued. A civil contractor will soon be onsite to work on some of the foundations in the Midway to Vincent No. 1 outage area.
2. Segment 4: KV Structures (drilling contractor) continued drilling, setting rebar cages using a spider jig for stub angle placement, and concrete pouring at Towers 18 and M73-T3C. H&M steel crews continued tower assembly and erection at Towers 1, 2, 3, M74-T1X, M74-T1B, 6, and 17. H&M wire crews continued wire stringing preparation which includes guard pole sites and installing travelers on the newly erected towers. H&H Grading conducted snub installation in two wire set-up sites in preparation for wire stringing (see Figure 1).
3. Segment 5: Woodward Brothers (drilling contractor) is scheduled to return to the project on Monday, July 25th. H&M steel crews continued tower assembly and erection at Towers 17, 20, 21, 45, 46, 50, 51, 53, and 62. H&H Grading conducted removal of old steel and existing foundations from the 220 kV towers. H&H Grading also conducted snub installation in the wire set-up site between Towers 15 and 16 in preparation for wire stringing. BMP maintenance occurred at several locations throughout the segment.
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 60, 62, 64 thru 67, 87, and 88. H&M steel crews continued tower assembly and erection at Towers 70, 75 thru 77, and 91. Moore Fence Company continued temporary tortoise fence installation along General Petroleum Road heading northeast from Tower 57. 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

heading northeast from Tower 62. Cut vegetation from General Petroleum Road is being removed from the road (see Figure 2).

5. Segment 10 Telecom: Griffin Construction pulled fiber on the wood poles along 170<sup>th</sup> Street.
6. Whirlwind Substation: Below-grade construction, civil foundations and conduits are 100% complete. The 500 kV foundations and setting of transformers are 100% complete. Work in the 500 kV area included circuit breakers, buses, deadends, grounding, and wire pulling. Work in the 220 kV area included conductor installation, disconnect switches, grounding, and switchrack work. Watering for fugitive dust continued. Additional tackifier was applied to a portion of the berm on the north and northeast side of the substation.

#### **Environmental Compliance:**

1. On July 18<sup>th</sup>, SCE received CDFG approval for the modifications associated with the Midway to Vincent work on Segments 4 and 5.
2. Air quality stickers are being placed on equipment and vehicles for compliance with mitigation measure AQ-1d. CH2M Hill Environmental Monitors are conducting sticker inspections in the field and following-up on equipment that does not have a sticker. Level 1 SCE NCR's are being issued for vehicles and equipment that is discovered in use on the ROW without having an air quality sticker present.
3. On July 19<sup>th</sup>, the CPUC EM accompanied the CH2M Hill Environmental Monitor on a walk through site visit of Whirlwind Substation. The monitor looked for spills, leaks, secondary containment under equipment and vehicles, open trenches, BMP's, and air quality stickers. Improper secondary containment was documented (see Figure 3).
4. The CPUC EM performed inspections of work sites for proper fire tools on Segments 4, 5, and 10. All inspected sites were in compliance with the approved Fire Plan requirements.
5. 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, the SWPPP contractor, is reviewing results and re-testing may occur.
6. 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.
7. Special-status species observed during the subject period by Biological Monitors included desert kit fox, loggerhead shrike, Swainson's hawk (see Figure 4), peregrine falcon, American badger, prairie falcon, and LeConte's thrasher.
8. Ten new nests discovered during the subject period included cactus wren, California Towhee, Northern mockingbird, mourning dove, and Phainopepla.

Five SCE Level 1 NCR's were 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. Material Yard 75 South: During the subject period, minimal material delivery occurred due to an established nesting bird buffer for least Bell's vireo.
4. Site preparation work continued at San Gabriel Yard with the delivery of some materials.
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. Three new nests were identified at the Vincent Material Yards during the reporting period.
3. 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 continued worked on the overhead portion of the Rio Hondo-Bradbury line. Crews continued transferring 66 kV wire to poles along Arrow Highway. 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 tubular steel poles (TSPs) and stringing wire on the Rio Hondo-Amador-Jose-Mesa line behind Mesa Substation (see Figure 5).
2. Segment 7: Wilson continued assembly on towers in the City of Duarte. Tri-State continued drilling two tower foundations. Additionally, Wilson crews mowed tower sites and wire setup sites to keep environmental surveys active. 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 22% of the foundations are complete, and 16% of the structures have been erected.
3. Segment 8, Phase 1: Wilson crews mowed and installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Wilson crews began assembly at a tower in the City of Chino Hills. Tri-State continued drilling at one tower location and one pole location. No tower construction occurred in Tonner Canyon, City of Industry, due to biological resource restrictions (see #1 below). To date, 89% 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 79% of the foundations are complete and 21% of the towers are complete.

4. Segment 8, Phase 2: No work occurred during the subject period. 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 finished drilling at one tower location and did some tower pad recontouring at two locations. Crews continued work at the I-605 Shoofly, removing foundations. Additionally, Wilson crews removed wire from M46-T2 to M48-T3 and assembled one tower within the Puente Hills Landfill Native Habitat Authority land (see Figures 6 and 7). To date, 61% of the conductor and 45% 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 two structures on the 220 kV Chino-Mesa line have been erected.

### **Environmental Compliance:**

1. The use of Tonner Canyon Road within Tonner Canyon, City of Industry (Segment 8, Phase 1), continues to be restricted for project access due to biological survey requirements in project permits conflicting with property rights and access constraints.
2. A specimen of a probable rare plant was discovered within the Segments 7 and 8 66 kV right-of-way. SCE provided a Proposal for Mitigation and Management for the plant on July 17<sup>th</sup>. The plan included propagating and maintaining propagules in an alternate location as well as maintaining the plant in its present location. A fence was erected around the plant on July 18<sup>th</sup>. SCE is avoiding the plant via directional drill for the 66 kV underground installation.
3. ICF Biologists continue to monitor construction noise adjacent to least Bell’s vireo and coastal California gnatcatcher nests. Per the USFWS Biological Opinion, construction noise shall not exceed 60 decibels. The ICF Biologists also monitor the birds for signs of distress and harassment caused by construction activity.
4. SCE provided a Special-Status *Calochortus* Species Mitigation Assessment Report on July 21<sup>st</sup> and conducted a follow-up phone call with the CPUC on July 22<sup>nd</sup> to discuss salvage of *Calochortus* bulbs within Tonner Canyon. Salvage was scheduled to begin the week of July 25<sup>th</sup>.
5. 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>.
6. The CPUC EM received a total of five new and updated preconstruction survey reports for Segment 7 T/L, Segment 8 Phase 4 within Rowland Heights, and 66 kV for work within a nursery in the City of South El Monte and a wash in the City of Irwindale. Approval was provided to SCE after access issues were resolved.
7. Special-status species observed during the week by Biological Monitors included yellow warbler, coastal California gnatcatcher (see Figure 8), San Diego black-tailed jackrabbit, burrowing owl, western skink, least Bell’s vireo and loggerhead shrike.
8. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Twenty-one new nests discovered during the subject period on Segments 7 and 8 included: Cassin’s kingbird nests, northern mockingbird nests, lesser goldfinch nests, mourning dove nests, barn swallow nests, bushtit nests, black phoebe nests, killdeer nests. Buffer reductions were implemented for all of the nests.

Three SCE Level 1 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 08/02/11)

| 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  |

| NTP #/<br>Permit | Date<br>Requested | Date<br>Issued      | Segment<br># | Description  |
|------------------|-------------------|---------------------|--------------|--|
| #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  |
| #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.  |
| #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   |

| NTP #/<br>Permit                  | Date<br>Requested | Date<br>Issued | Segment<br>#          | Description   |
|-----------------------------------|-------------------|----------------|-----------------------|---|
| #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.  |
| #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 08/02/11)

| 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<br>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<br>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<br>MOD #2  | 07/08/10       | 07/09/10    | 1         | Further expansion of construction hours for Antelope Substation construction.   |
| VR #71<br>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  |

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

| Variance Request | Date Requested | Date Issued | Segment #     | Description   |
|------------------|----------------|-------------|---------------|---|
| 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<br>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<br>Yards  | Replace fence fabric screening with slats for safety reasons during high wind events.                     |
| #40              | 03/02/11       | 03/03/11    | 5             | Additional access road to Construct 29.   |
| #41              | 03/04/11       | 03/08/11    | 5             | Additional access road improvements.  |
| #42              | 03/04/11       | 03/08/11    | 4             | Additional access road improvements.  |
| #43              | 03/03/11       | 03/10/11    | 8             | Additional access to Tower M2-T2.   |
| #44              | 03/16/11       | 03/18/11    | 8             | Tower M2-T5 and access road shift within SCE ROW  |
| #45              | 03/22/11       | 03/25/11    | 5             | Soil Stockpile areas at three locations   |
| #46              | 03/25/11       | 04/04/11    | 7             | Temporary disturbance areas for underground disturbance, 66 kV  |
| #47              | 04/05/11       | 04/06/11    | 8             | Wire Setup Sites for Tower M2-T2.   |
| #48              | 04/06/11       | 04/08/11    | 5,8           | Start of construction prior to Los Angeles County Public Works grading permit issuance.                   |
| #49              | 04/06/11       | 04/08/11    | 8             | Extended work hours on Segment 8, Phase 2   |
| #50              | 04/05/11       | 04/13/11    | 8             | Turnouts along Sanome Mountain Way.   |
| #51              | 03/29/11       | 04/13/11    | 8             | Water bar repair and construction.  |
| #52              | 04/11/11       | 04/14/11    | 7             | Additional access to 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.  |

| Variance Request | Date Requested                  | Date Issued     | Segment # | Description   |
|------------------|---------------------------------|-----------------|-----------|---|
| #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                        | Under<br>Review | 11A       | Equipment AQ-1d compliance.   |
|                  | 07/15/11                        | Under<br>Review | 8         | Additional guard structure sites at Fullerton Road and WSS at M51-T2, M51-T3, M50-T1, M45-T4 and M6-T2. Pending gnatcatcher update. |
|                  | 07/18/11<br>Revised<br>07/25/11 | Under<br>Review | 5         | Relocation of a Wire Stringing Site near Tower 34. Inquiry sent 07/27.  |
|                  | 07/26/11                        | Under<br>Review | 8         | MA1-T2 and MA1-T4 access road. Inquiry sent 07/27.  |
|                  | 07/27/11                        | Under<br>Review | 4         | Two additional Wire Stringing Sites near Towers 35 and 51. Inquiry sent 08/01.  |

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 08/02/11)

| 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  | 10/08/10       | 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                                    |
| #22   | 03/03/11       | 03/03/11      | 8         | Additional parking within Tonner Canyon adjacent to M57-T3                                    |

| TEWS Request | Date Requested | Date Approved | Segment # | Description   |
|--------------|----------------|---------------|-----------|---|
| #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          | 06/20/11       | 06/28/11      | 5         | Additional staging near Tower 44.   |
| #36          | 07/08/11       | 07/11/11      | 5         | Additional staging area near Tower 51.  |

## 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 07/23/11)

| 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   | Rancho Vista CY<br>Antelope<br>Seg 7/8, 66 kV<br>Segment 8<br>Segment 8  |
|  | 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>04/02/11<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 | 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 |

| 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>04/01/11<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 | 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 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 |   |
|             | 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  | 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 |
|             |  | 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    | Vincent          |
|   |                   | 10/12/10    | Vincent          |
|   |                   | 10/13/10    | Racetrack CY     |
|   |                   | 11/05/10    | Racetrack CY     |
|   |                   | 01/09/11    | Segment 8        |
|   |                   | 01/12/11    | Segment 5        |
|   |                   | 02/02/11    | Segment 8        |
|   |                   | 02/08/11    | Segment 8        |
|   |                   | 02/09/11    | Whirlwind        |
|   |                   | 02/12/11    | Whirlwind        |
|   |                   | 02/16/11    | Rancho Vista MY  |
|   |                   | 02/14/11    | Whirlwind        |
|   |                   | 02/15/11    | Whirlwind        |
|   |                   | 02/15/11    | Segment 5        |
|   |                   | 03/08/11    | Rodeo            |
|   |                   | 03/10/11    | Rodeo            |
|   |                   | 03/18/11    | Segment 4        |
|   |                   | 03/23/11    | Material Yard 28 |
|   |                   | 04/01/11    | Segment 8        |
|   |                   | 03/29/11    | Vincent N MY     |
|   |                   | 03/29/11    | Material Yard 28 |
|   |                   | 03/31/11    | Material Yard 28 |
|   |                   | 04/01/11    | Segment 5        |
|   |                   | 04/06/11    | Segment 4        |
|   |                   | 04/11/11    | Whirlwind        |
|   |                   | 04/18/11    | Racetrack CY     |
|   |                   | 04/27/11(3) | Vincent N MY     |
|   |                   | 04/30/11    | Vincent S MY     |
|   |                   | 05/03/11    | Segment 4        |
|   |                   | 05/06/11    | Whirlwind        |
|   |                   | 05/07/11    | Vincent N MY     |
|   |                   | 05/18/11    | Material Yard 28 |
|   |                   | 05/20/11    | Racetrack CY     |
|   |                   | 05/21/11    | Vincent N MY     |
|   |                   | 05/25/11    | Racetrack CY     |
|   |                   | 05/31/11    | Segment 5        |
|   |                   | 06/01/11    | Vincent S MY     |
|   |                   | 06/03/11    | Segment 4        |
| 06/04/11  | Vincent N MY      |             |                  |
| 06/07/11  | Vincent S MY      |             |                  |
| 06/08/11  | Racetrack CY      |             |                  |
| 06/08/11  | Vincent S MY      |             |                  |
| 06/08/11  | Vincent N MY      |             |                  |
| 06/13/11  | Segment 5         |             |                  |
| 06/14/11  | Whirlwind         |             |                  |
| 06/16/11  | Segment 7         |             |                  |
| 06/20/11  | Segment 7         |             |                  |
| 06/21/11  | Racetrack CY      |             |                  |
| 06/23/11  | Racetrack CY      |             |                  |
| 06/28/11  | Vincent N MY      |             |                  |
| 07/14/11  | Segment 10        |             |                  |
| 07/18/11  | Segment 8         |             |                  |

| Description  | Type <sup>1</sup> | Date   | Location   |
|--|-------------------|--|--|
|  | 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   |
| <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           |  |  |

| Description   | Type <sup>1</sup>   | Date  | Location   |  |
|---|---|---|--|--|
| <b>Hydrological Resources:</b> Inadequate BMPs, jurisdictional drainage encroachment, track-out | CPUC  | 05/12/11  | Segment 8  |  |
|   | 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 | 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>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>Segment 8<br>Racetrack CY<br>Rodeo CY<br>Segment 8<br>Rio Hondo Yard<br>Whirlwind<br>Racetrack CY<br>Segment 8 |  |
|   | Level 2   | 04/21/11  | Segment 8  |  |
|   | Level 3   |   |  |  |
|   | <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   |  |  |

| Description  | Type <sup>1</sup> | Date  | Location   |
|--|-------------------|---|--|
| <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 | 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 |
|  | 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 08/02/11)

| <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:** H&H Grading installed snubs in the wire set-up site between Towers 15 and 16, for upcoming wire stringing activity, Segment 4.



**Figure 2:** Moore Fence crew raking cut vegetation from General Petroleum Road, Segment 10.



**Figure 3:** Improper secondary containment underneath equipment in Whirlwind Substation, Segment 9.



**Figure 4:** Swainson's hawk near Segment 10.



**Figure 5:** An SCE crew prepares to set a riser pole, Segment 7 66 kV.



**Figure 6:** Crews disassemble a tower, Segment 8, Phase 4.



**Figure 7:** Crews build a tower within the PHLNHA, Segment 8 Phase 4.



**Figure 8:** Federally threatened Coastal California gnatcatchers have been observed in Segment 7 and 8.