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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:** May 24, 2011  
**Subject:** Weekly Report 172, May 8 to May 14, 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 are underway.
2. Construction activities at the Antelope Substation included conductor stringing, above grade construction and steel work, minor civil work, cable pulling and testing inside the MEER building, and assembly of the AA banks. Upcoming work next month includes filling the AA banks with oil.
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 work. Transportation of materials to Whirlwind Substation is ongoing. Oil for the transformers is being delivered. Construction of the Coram Brody 66 kV project that is connecting into the substation will begin in June.
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. Quarterly reports for the activity are 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. 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.
2. SCE received CDFG approval to remove two inactive house finch nests from Windhub Substation in order to install netting around some tanks.

No Non-Compliance Reports or 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, 98% of the civil work is complete. Work during the subject period included laying down road base, and perimeter fence and guard rail installation. Union is working to install the gate at the Foreston Road and Rockyford Road intersection. Inside the substation, the 500 kV wiring is complete. The Midway to Vincent 1X and 2X line relocation work continued.
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 13 and 14. A second drill was mobilized to Tower 14 (see Figure 1). H&M steel crews continued tower assembly and erection work at various locations throughout the segment. Vegetation clearing was conducted at Towers 3, 8, and M74-T1B. BMP's were installed at Tower M88-T1B. The CDFG Incidental Take Permit (ITP) survey was completed for Towers 1, 2, and M74-T1X.
3. Segment 5: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Tower 46, 49, and 51. H&M steel crews worked at Tower 5, 7, 32, 50, 51, and 59. Tower pad re-contouring occurred at Towers 20, 24, and 46.
4. Segment 10: KV Structures (drilling contractor) began drilling Tower 92 inside Whirlwind Substation (see Figure 2). Moore Fence Company continued tortoise fence installation and grading along General Petroleum Road and tower disturbance sites heading north from 160<sup>th</sup> Street to Tower 80. Vegetation clearing and t-post installation for tortoise fence was conducted from 150<sup>th</sup> Street to Tower 74. BMP's were installed from Tower 83 to 88. The ITP survey was completed for Towers 80, 81, 82, 90, and 91, and the associated spur roads.
5. Segment 10 Telecom: No work occurred on this Segment during the reporting period.
6. Whirlwind Substation: Work included grading down the 500 kV area and backfilling the 220 kV area. The 220 kV grid is being trenched. The 220 kV steel dead ends and disconnect switches are being erected by PAR crews. Rip rap placement around the drainage berm continued on the north side and in the spreader. Work continued on the MEER building. The onsite well is being used, but is producing 200 gallons per minute when it was anticipated to produce 380 gallons per minute (see Figure 3). The underground bridge over the aqueduct is complete and the concrete is curing.

### **Environmental Compliance:**

1. SCE received approval from CDFG and FWS for nighttime delivery of the remaining transformers to the Whirlwind Substation that is scheduled for May 23<sup>rd</sup>, 27<sup>th</sup>, and June 2<sup>nd</sup>.
2. Fugitive dust was observed at the Whirlwind Substation. SCE is discussing the use of soil binders to help with dust control.
3. On May 10<sup>th</sup>, the CPUC EM received notification from the SCE Environmental Coordinator that Operation & Maintenance helicopter training activities were going to occur on a Segment 4 tower.
4. A spill was reported on May 12<sup>th</sup> at Tower 46 on Segment 5. Approximately 2 gallons of cement water spilled on the ground. The contaminated soil was cleaned up and hauled to the Racetrack Yard for proper disposal.
5. The CPUC EM was informed by a Kleinfelder monitor (environmental monitor for the contractor) that an Environmentally Sensitive Area (ESA) buffer was removed from an active European starling nest in the Rodeo Yard. The CPUC EM followed up with the SCE biological lead monitor for the construction yards. The buffer was re-installed and nest id #'s are being written on the lath and/or flagging as a preventative measure.
6. SCE is to submit a memorandum to the CPUC explaining the need for a night patrolman in non-ITP areas of the project due to theft of steel parts from the right-of-way. The majority of Tower 34 on Segment 5 was stolen from the disturbance site. Patrols in areas covered under the ITP or Biological Opinion will be requested to both resource agencies since night work was not authorized under both permits.
7. SCE received agency approval to remove the 100-foot buffer from cultural site LAN-3734 that is associated with Segment 5 soil stockpile site. Approval was also granted to use an existing roadway through cultural site 10-04 on Segment 10.
8. The CPUC EM, Burns & McDonnell EC, and a Burns & McDonnell Construction Inspector conducted a site visit at Towers 31 and 49 on Segment 5. SCE would like to propose permanently moving the new access roads to these two towers due to slope stabilization issues. The relocation will prevent the need for additional disturbance area. SCE was provided verbal approval to commence work at some locations where changes are within approved disturbance limits and document all changes in the upcoming variance.
9. 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.
10. Special-status species observed during the subject period by Biological Monitors included loggerhead shrikes, yellow warbler, desert kit fox, Northern harrier, Swainson's hawk, and burrowing owl.
11. Forty new nests discovered during the subject period included ravens, Northern mockingbirds, mourning doves, starlings, house finches, loggerhead shrikes, red-tail hawk, California thrashers, burrowing owls, Western kingbirds. SCE received CDFG concurrence on buffer reductions for nine nests.

Two Level 1 SCE NCRs and Two Level 2 SCE NCRs 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 August 2011. Construction is expected to begin in September/October 2011.
2. Vincent North and South Material Yards: During the subject period, material delivery occurred.
3. Site preparation work continued at Material Yard 75 South. Gravel and fencing was added during the subject period.
4. Weed abatement activities continued on Segments 6 and 11.

### **Environmental Compliance**

1. Watering for dust control occurred at the Vincent North and South Material Yards.
2. On May 10<sup>th</sup>, SCE reported two house finches were caught under the bird netting in the Vincent North Material Yard. The birds were safely released.

No SCE non-compliances were issued during the subject period for TRTP Segment 6 and 11 construction activities. No CPUC Project Memoranda or NCRs 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 work on the overhead portion of the Rio Hondo–Amador-Jose-Mesa line. Crews transferred the 12 kV circuits and set the tops. SCE crews also worked within the Duck Farm and along Durfee Road, pulling conduit (see Figure 4). Additionally, Wilson continued the underground portion of the Rio Hondo–Anita No. 2 line from the Rio Hondo Substation under Interstate 605, trenching and setting vaults (see Figure 5). SCE crews working on the Rio Hondo–Amador-Jose-Mesa line began pulling cable from Vault V34199 on Durfee Road to the east.
2. Segment 7: Tri-State finished drilling at Tower M27-T4. DCX continued drilling at Tower M29-T2 within the Huntington Contractor Yard. Additionally, Wilson crews mowed vegetation at tower and wire setup sites and replaced BMPs at Towers M27-T2 and M54-J2.
3. Segment 8, Phase 1: Wilson, DCX and Tri-State crews continued to work within Tonner Canyon in the City of Industry and in the City of Chino Hills. Crews continued grading and SWPPP BMP installations at several tower pad locations, drilling four foundations and continued assembling two towers for the new double circuit 500 kV Mira Loma–Vincent line (see Figure 6).
4. Segment 8, Phase 2: Wilson crews continued wire stringing on the Chino–Mira Loma No. 1 line from Towers M6-T2 to M7-T1 within Mira Loma Substation. Crews clipped wires and installed spacers. Additionally, Wilson crews began stringing the static line on towers east of M3-T2.
5. Segment 8, Phase 3: No work occurred during the subject period.
6. Segment 8, Phase 4: Crews continued vegetation clearing along access roads and within tower disturbance areas, and grading for tower pad construction within the Puente Hills Landfill Native Habitat Authority land in the City of Hacienda Heights. Additionally, crews conducted wire stringing at Interset Tower 29-T1B in Pathfinder Park (see Figure 7).

## **Environmental Compliance:**

1. The use of Tonner Canyon Road within Tonner Canyon continues to be restricted for project access due to biological survey requirements in project permits conflicting with property rights and access constraints.
2. Several least Bell's vireo (LBV) nests and/or territories were found during focused surveys during the subject period. A 500 ft. buffer was established for all LBV territories. Buffers restricted access to tower sites on both Segments.
3. The CPUC EM observed a Wilson environmental training for linemen at the May 12<sup>th</sup> Fullerton Contractor Yard safety tailboard. The proper protocol for removing bird nests from towers and other structures was reviewed. The training was held in response to the Level 3 Incident from April 29<sup>th</sup>, when a nest was removed from a tower without a monitor present, and the nest contents were improperly handled.
4. On May 12<sup>th</sup>, the CPUC EM observed water flow from a water truck across an access road and sidewalk, and into a gutter due to inadequate BMP installation at Tower M61-T4 in the City of Chino Hills. The CH2MHill environmental monitor was also present and an SCE Level 1 non-compliance was issued.
5. The CPUC EM noted inadequate BMP installation at Tower M27-T4 in the City of Duarte on May 13<sup>th</sup>. Fiber rolls were shallowly trenched or absent. The CPUC EM notified the Burns and McDonnell environmental coordinator.
6. Equipment on both Segments 7 and 8 that has been found to satisfy MMs AQ-1d and AQ-1e is now identified with a sticker.
7. ICF Biologists continue to collapse burrows along Edison Avenue in the City of Chino as part of a burrowing owl relocation that commenced on February 1<sup>st</sup>.
8. The CPUC EMs received five preconstruction surveys and sweeps for construction on both Segments 7 and 8 during the subject period. Many of these surveys were for sites where construction had begun, but activity had lapsed for more than 30 days. The CPUC EM noted concerns with the establishment of ESA buffers for bird nests as well as access for surveying biologists to part of the survey area. All sites were approved for construction to commence once buffer reductions received concurrence from CDFG.
9. 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 7 and 8. SCE biology is currently reviewing the project maps and identifying areas for topsoil salvage. A site visit will be held the week of the 23<sup>rd</sup> to discuss topsoil salvage and to see potential salvage areas.
10. During the subject period, SCE received CDFG approval to remove five partially built nests on Segments 7 and 8.
11. Special-status species observed during the week by Biological Monitors included yellow-headed blackbird, yellow warbler, peregrine falcon, loggerhead shrike, burrowing owl, and yellow-breasted chat.
12. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Sixty-two new nests discovered during the subject period on Segments 7 and 8 included: Cassin's kingbird nests, common raven nests, California towhee nests, house finch nests, lesser goldfinch nests, house wren nests, black phoebe nests, bushtit nests, killdeer nests, mourning dove nests and least Bell's vireo nests. CDFG provided concurrence of buffer reductions for fifty-two nests.

One SCE Level 1 Non-Compliance Report was 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 05/24/11)

| 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   |

| NTP #/<br>Permit | Date<br>Requested | Date<br>Issued      | Segment<br>#          | Description  |
|------------------|-------------------|---------------------|-----------------------|--|
| #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                     | 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 | 8                     | 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                     | 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.   |
| #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  |
| #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.  |
| #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.   |
| #21              | 11/18/10          | 12/09/10            | 6 & 11                | 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.   |

| 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.   |
|                                   | 05/16/11          | Under<br>review | 4            | Modifications to the Midway Vincent #3 T/L (additional information for request is pending)  |
| 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 05/24/11)

| 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           | 12/3/10          | 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.  |

| 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              | 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  |
| #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. Inquiry to SCE 04/27.   |
| #61              | 05/11/11       | 05/13/11    | 5          | Additional access off Godde Hill Road   |

| Variance Request | Date Requested | Date Issued  | Segment # | Description   |
|------------------|----------------|--------------|-----------|---|
| #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.   |
|                  | 05/23/11       | Under Review | 8         | Extra work space to accommodate wire tagging areas.   |
|                  | 05/23/11       | Under Review | 66 kV     | Realignment of underground portion outside of Rio Hondo Substation.   |
|                  | 05/10/11       | Under Review | All       | Allow continued use of approved TEWS access roads if nesting birds subsequently move in. VR being revised by SCE. |

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 05/24/11)

| 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.                                    |
| #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.   |

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

**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 05/14/11)**

| 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 | 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<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 |

| 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 | 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 |
|  | 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           |  |  |
|  | 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   | 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  |
|  | Level 2           | 03/05/11<br>03/15/11   | Segment 8<br>Segment 5   |
|  | Level 3           |  |  |
| <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   |

| Description  | Type <sup>1</sup>  | Date  | Location  |  |
|--|--|---|---|--|
|  | Level 2  | 06/17/10<br>06/22/10<br>03/29/11<br>04/16/11<br>05/09/11  | Vincent<br>Yard 28<br>Segment 8<br>Segment 8<br>Racetrack CY  |  |
|  | Level 3  | 04/29/11  | Segment 8   |  |
| <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, | 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>04/01/11<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 | 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 |  |
|  | Level 2  | 03/08/11  | Whirlwind   |  |
|  | Level 3  |   |   |  |
|  | <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 |



| Description   | Type <sup>1</sup>  | Date  | Location  |  |
|---|--|---|---|--|
|   | 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  | 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 | 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>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 |  |
|   | Level 2  | 04/21/11  | Segment 8   |  |
|   | Level 3  |   |   |  |
|   | <b>Fuel/Hazardous Materials:</b> Spills, no/inadequate secondary containment and labeling, | CPUC  | 05/28/10  | Windhub  |
|   |  | Level 0   |   |  |
|   |  | Level 1   | 12/10/10<br>02/03/11<br>02/09/11<br>03/07/11  | Racetrack CY<br>Segment 7<br>Mira Loma CY<br>Whirlwind |
|   |  | Level 2   |   |  |
|   |  | Level 3   |   |  |
|   | <b>Public/Worker Safety:</b> No monitoring at contaminated sites,                          | CPUC  |   |  |

| Description   | Type <sup>1</sup> | Date                 | Location                         |
|---|-------------------|----------------------|----------------------------------|
| traffic control not in compliance with TMP, no guard poles in place at roadways,                        | 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 | CPUC              | 05/12/10<br>05/04/11 | Antelope Whirlwind               |
|   | Level 0           |                      |                                  |
|   | Level 1           | 10/18-22/10          | Segment 5                        |
|   |                   | 02/02/11             | Segment 8                        |
|   |                   | 02/09/11             | Segment 8                        |
|   |                   | 02/09/11             | Segment 8                        |
|   |                   | 02/10/11             | Whirlwind                        |
|   |                   | 02/11/11             | Whirlwind                        |
|   |                   | 02/19/11             | Whirlwind                        |
|   |                   | 03/03/11             | Vincent N. Yard                  |
|   |                   | 03/07/11             | Whirlwind                        |
|   |                   | 03/14/11             | Whirlwind                        |
|   |                   | 03/15/11             | Whirlwind                        |
| 03/28/11  | Segment 8         |                      |                                  |
| 03/28/11  | Whirlwind         |                      |                                  |
| 04/13/11  | Segment 5         |                      |                                  |
| 04/22/11  | Segment 4         |                      |                                  |
| 04/26/11  | MY 75             |                      |                                  |
| 05/02/11  | Segment 5         |                      |                                  |
| 05/09/11  | 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 05/24/11)

| Type   | Date  | Location             | Description   |
|--|---|----------------------|---|
| <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:** The overland travel route between Towers 12 and 14, Segment 4.



**Figure 2:** KV Structures drilling Tower 92 inside the Whirlwind Substation, Segment 10.



**Figure 3:** The onsite well inside the Whirlwind Substation, Segment 9.



**Figure 4:** SCE crews staged at a vault on the underground Rio Hondo–Amador-Jose-Mesa line, Segment 7, 66 kV





**Figure 5:** Crews pour slurry into the trenchline for the Rio Hondo–Anita No. 2 underground adjacent to the I-605 freeway, Segment 7 66 kV.



**Figure 6:** Foundation drilling at Tower M60-T2, Segment 8, Phase 1.



**Figure 7:** A helicopter delivers an insulator to a new tower, Segment 8, Phase 4.