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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 26, 2011  
**Subject:** Weekly Report 185, August 07 to August 13, 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 firm schedule has been developed by SCE. Focused surveys for desert tortoise and Mohave ground squirrel were conducted in the spring, and the results for the desert tortoise focused surveys were submitted on August 18.
2. Construction activities at the Antelope Substation included above grade electrical shunt capacitor work in Phase II. Below grade Phase I construction and MEER building construction is 100% complete. Testing of transformers (AA banks) is complete.
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 is being leveled and will be covered and stabilized for potential future use. An SCE office trailer for TRTP 4-11 has been installed adjacent to the spoil pile area.
4. Construction activities at the Windhub Substation included final adjustments on disconnects, pulling conductor for bus extensions, and filling the transformers with oil. Capacitor below-grade foundations and conduit are 99% complete. Transportation of materials to Whirlwind Substation is ongoing. Bird netting installation over materials and steel continued. The Coram Brody Project is underway inside the substation.
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 Report #2 for the activity was submitted August 8th.
7. Revegetation for Segments 2 and 3A started in mid-February and was completed in April. Ongoing maintenance activities will be documented in Quarterly Reports to the CPUC.



### **Environmental Compliance:**

1. BMPs installed during construction of Segment 1 were observed to be in disrepair. SCE has been notified of the location of the damaged silt fencing.
2. The CPUC EM received a biological clearance sweep for Highwind Material Yard and met the Lead SCE Biological Monitor at the yard to review the sweep results. No concerns were noted. Mowing inside the yard is scheduled for next week.
3. SCE has developed a solution for the channel incision that occurred immediately downstream of the riprapped stream channel at the Windhub Substation site for which an Addendum was approved by the CPUC. SCE is also reviewing the need for a modified California Department of Fish and Game (CDFG) Streambed Alteration Agreement for the effort and is coordinating with the Regional Water Quality Control Board.

No SCE NCR's were issued during the reporting period. No Project Memoranda were issued for Segment 1-3 construction activities during the subject period. Non-Compliance activities for the project to date are summarized in Table 4.

### **AGENCY REPRESENTATIVES DURING CONSTRUCTION (OTHER THAN CPUC EMS):**

None

### **TEHACHAPI RENEWABLE TRANSMISSION PROJECT (TRTP) SEGMENTS 4-11**

The SCE Tehachapi Renewable Transmission Project was evaluated in accordance with the California Environmental Quality Act and a Certification of Public Convenience and Necessity (CPCN) was granted by the CPUC on December 17, 2009.

### **SEGMENTS 4, 5, AND 10 - ANTELOPE VALLEY**

#### **Summary of Activity**

1. No work occurred in the Vincent Substation expansion area. 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. 2 outage area. KGC remains onsite to maintain the SWPPP, BMP's, trash, road sweeping, and dust control.
2. Segment 4: KV Structures (drilling contractor) has completed foundation work and a total of 67 foundations were placed. H&M steel crews continued tower assembly and erection at Towers 2, 3, M74-T1A, 21, and 22. Tower erection is approximately 82% complete. Wire stringing installation activities are scheduled to begin in the next few weeks.
3. Segment 5: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Tower 28A, 28B, and 29. H&M steel crews continued tower assembly and erection at Towers 18, 34, 37, 45, 46, 52, and 53. H&H Grading conducted removal of old steel and existing foundations from the 220 kV towers. Demolition of the 220 kV towers is 95% complete. H&H graded new access roads in various locations and mobilized to Tower 30 to conduct soil stabilization work in preparation for drilling. BMP maintenance occurred at several locations throughout the segment. Wire stringing activities are scheduled to begin in the next few weeks.
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 40, 44 thru 49, 51, 82, 86, and 90 (see Figure 1). Tower 89 has not been drilled due to an active bird nest. Cultural and paleontological monitors have been onsite at the required tower locations. H&M steel crews continued tower assembly and erection at Towers 55, 56, 58, 59, 61, 62, 64 thru 67, 88, and 91. Moore Fence Company continued tem-

porary tortoise fence installation along General Petroleum Road. The permanent fence installation crew continued work in the tower disturbance sites (see Figure 2). BMP's were installed along spur roads and tower disturbance sites. H&H Grading continued grubbing of disturbance sites and road improvement work along General Petroleum Road. Joshua trees are being saved where feasible (see Figure 3).

5. Segment 10 Telecom: No work occurred during the reporting period. SCE will be submitting an updated biological preconstruction survey report for additional work that needs to be conducted throughout the segment.
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 cable trenches, pulling pits, and assembling disconnects. Work in the 220 kV area included conductor installation, disconnect switches, ground grid, and switchrack work. Conductor is being pulled into the 220 kV area and into the MEER building. Watering for fugitive dust continued. Construction of the substation wall is scheduled to begin next week and will take approximately two months to complete.

### **Environmental Compliance:**

1. The CPUC EM and Burns & McDonnell Environmental Coordinators re-verified disturbance staking from Constructs 28 to 16 on Segment 10 on August 11<sup>th</sup> and the staking was more clearly defined. There are two pullout areas north of Tehachapi Willow Springs Road that are still in question.
2. SCE provided an update regarding cultural site PL-SCE-SEG10-08H on Segment 10. Once SCE receives SHPO concurrence, there will be no management of this site. Until concurrence is received, No Grading and Environmentally Sensitive Area (ESA) signs were placed at the site boundary. The signage was field verified.
3. A TEWS was approved for use of a disturbed area adjacent to Tower 30 on Segment 5. This area will be utilized for parking and staging of equipment associated with the soil stabilization work (see Figure 4).
4. The CPUC EM received a preconstruction survey report for Segment 10, Windhub Substation to Tower 15. The burrowing owl preconstruction survey report is forthcoming.
5. On August 4<sup>th</sup>, SCE requested CDFG project wide approval for the use of tag lines which entails foot traffic outside of approved disturbance areas. Tag lines are used to maintain control of tower sections being raised and positioned.
6. The Revert polymer mixture of soil and water was cleaned up, stockpiled on plastic sheeting and covered at Tower M74-T1X on Segment 4. Ninyo and Moore took soil samples from the polymer/soil stockpile for testing to determine appropriate disposal methods. ETIC, SWPPP contractor, informed SCE that the stockpile will be hauled off to an approved dump site. SCE requested documentation from ETIC.
7. 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.
8. Special-status species observed during the subject period by Biological Monitors included desert kit fox, American badger, loggerhead shrike, burrowing owl, LeConte's thrasher, and Peregrine falcon.
9. Three new nests discovered during the subject period included mourning dove, Northern mockingbird and burrowing owl.

Two 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. During the subject period, Pull #1 from M17-T3 to M15-T2 occurred on Segment 11A. Crews set guard poles in anticipation of the pull (see Figure 5).
4. San Gabriel Yard: During the subject period, material delivery occurred and the yard was used as a show-up site for PAR crews.
5. Weed abatement activities have been completed on Segments 6 and 11 for the season. Approximately 35 acres of weed abatement has occurred to date.

**Environmental Compliance**

1. Watering for dust control occurred at the Vincent North and South Material Yards.
2. One new mourning dove nest was identified at the Vincent South Material Yard during the reporting period.
3. The ESA in place for a least Bell's vireo at Yard 75 was removed, as the individual least Bell's vireo has not been observed since June 20<sup>th</sup> and the territory is considered inactive.
4. A TEWS request was received and approved on August 12<sup>th</sup> for the expansion of a guard pole site along Del Mar Avenue.
5. The CPUC EM observed a PAR crew parking vehicles off of the Segment 11A right-of-way at the intersection of Saturn and Greenwood Avenues on August 12<sup>th</sup>. The CPUC EM informed the crew foreman that the area was outside of the area shown on construction maps and issued a verbal warning. The CPUC EM contacted SCE about the incident and advised that any extra workspaces would need to be approved.
6. No special-status species were observed during the subject period.

Two SCE Level 1 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 and Rio Hondo–Amador-Jose-Mesa lines. Crews continued trans-

ferring 66 kV wire to poles along Arrow Highway and completed the installation of tubular steel poles (TSPs) on Ramona Boulevard, installing ground wires and hardware on poles. SCE crews continued pulling conduit on the Rio Hondo–Anita No. 2/Rio Hondo–Amador lines west and east of Interstate 605 (I-605). Additionally, SCE crews continued setting TSPs and stringing wire on various 66 kV lines behind Mesa Substation (see Figure 6).

2. Segment 7: Wilson crews mowed and installed BMPs at tower sites and wire setup sites to keep environmental surveys active. H&M crews continued installing underground ducts and approximately 0.2 miles of all-dielectric self-supporting (ADSS) fiber optic cable from M55-T1 to M55-T1A on the overhead ground wire (OPGW) and skywrap replacement with fiber optical ground wire (OPGW). Wilson continued assembly of one tower in the City of Duarte within Huntington Contractor Yard. Tri-State continued drilling two tower foundations. 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 25% of the foundations are complete.
3. Segment 8, Phase 1: Wilson crews mowed vegetation and installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Wilson crews removed conductor from M55-T2 to M56-T3 across the I-57 freeway, began tower wreckout at those locations and continued assembly at a tower. Tri-State continued drilling at one tower location and two pole locations. DCX began shearing at the wreckout locations east of the I-57 freeway. No tower construction occurred in Tonner Canyon, City of Industry, due to biological resource restrictions (see #1 below). To date, 100% of the conductor and structures have been removed of the existing 220 kV Chino-Mesa and Mira Loma–Walnut and Mira Loma–Olinda lines. Of a total 43 new structures on the double circuit 500 kV Mira Loma–Vincent line, a total 83% of the foundations are complete and 25% of the towers are complete.
4. Segment 8, Phase 2: Wilson crews mowed and installed BMPs at tower sites and wire setup sites to keep environmental surveys active. Both 220 kV circuits (Chino–Mira Loma #1 and #2) were energized in June 2011.
5. Segment 8, Phase 3: No work occurred during the subject period.
6. Segment 8, Phase 4: DCX began drilling at three tower locations and finished the foundation at another. Additionally, Wilson crews finished assembly at Tower M3-T3A and began assembly at a tower at the I-605 Shoofly (see Figure 7). Wilson crews also began work on the Fullerton Road Shoofly, setting emergency steel poles. To date, 74% of the conductor and 61% of the structures on the existing 220 kV Chino-Mesa line have been removed. In total, one structure on the new double circuit 500 kV Mira Loma–Vincent line has been erected, and three structures on the 220 kV Chino-Mesa line have been erected.

#### **Environmental Compliance:**

1. The 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. The CPUC EM spoke with SCE about the disturbance area on the east side of the I-605 Shoofly. Crews are currently using the area as a show-up site and are using the area for storage and construction waste disposal (see Figure 8). SCE replied that they are considering making the area a yard.
3. During the subject period, the CPUC EM expressed concern to SCE with work proceeding at two locations adjacent or within least Bell’s vireo territories after receiving preconstruction surveys for these areas. SCE replied that until September 15<sup>th</sup>, the noise requirements of the Biological Opinion and the 300-foot disturbance-free buffer per the Incidental Take Permit (ITP) will apply if active nests are found within 500 feet of a construction area or if birds are observed to display behavior consistent with having a nest or feeding young. Additionally, no vegetation clearing or grading is permitted within LBV habitat between March 15 and September 15 per the ITP. Approval for the surveys was provided to SCE.

4. While removing conductor across the I-57 freeway, the silt fencing installed at Wire Setup Site 8-4.22 adjacent to Brea Creek to exclude southwestern pond turtle from the work area was damaged while the conductor was being lowered to the ground. The conductor was laid on top of the banks of the creek, though the CPUC EM could not observe whether it hit the bottom of the creek. No visible impacts to vegetation occurred (see Figures 9 and 10).
5. 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.
6. The CPUC EM observed a torn plastic covering at a soil pile at Tower M5-T1A. The CPUC EM notified Wilson and they replied that the covering would be fixed (see Figure 11).
7. The CPUC EM approved a TEWS request on August 11<sup>th</sup> for access to Tower A1-T3.
8. The CPUC EM approved a TEWS request on August 12<sup>th</sup> for an additional guard pole site at the corner of Pathfinder Road and Fullerton Road in the City of Rowland Heights.
9. The CPUC EM approved a TEWS request on August 12<sup>th</sup> for additional work on distribution poles along Archibald Avenue on Segment 8, Phase 2.
10. The CPUC EM spoke with SCE on August 12<sup>th</sup> about the routes of ingress and egress within the Puente Hills Landfill Native Habitat Authority (PHLNHA). Construction traffic is currently traveling to the towers west of Frame Avenue using the same route for ingress and egress. Per Mitigation Measure F-1, there should be mechanisms through which narrow roads shall be kept passable, and there should be strategic locations for adequate construction parking. SCE responded that the concern would be addressed at the next Work Package 3 construction meeting on August 16<sup>th</sup>.
11. 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>.
12. The CPUC EM received six new and updated preconstruction survey reports for 66 kV, Segment 7 Segment 8 Phase 1 and Segment 8 Phase 4. Approval was provided to SCE.
13. Special-status species observed during the week by Biological Monitors included coastal California gnatcatcher, southwestern pond turtle, burrowing owl, northern Harrier, San Diego black-tailed jackrabbit and least Bell's vireo.
14. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Sixteen nests discovered during the subject period on Segments 7 and 8 included: cliff swallow nests, northern mockingbird nests, house finch nests, American kestrel, lesser goldfinch nests and California towhee nests. Buffer reductions were implemented for all of the nests.

No SCE 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 08/26/11)

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
CPUC NTPs, Segments 1-3				
<i>For CPUC NTP and Addendum activity on Segments 1-3 prior to 2010, please see Table 1 in Weekly Reports 106-107.</i>				
#26	12/18/09	01/05/10	1	Expansion of Antelope Substation.
CPUC Addendum	12/21/09	01/19/10	1	Permanent AR 19 and access road to Const 34A.
CPUC Addendum	12/21/09	01/19/10	1	Permanent refueling basin at Hydrant Yard.
#27	12/23/09	01/05/10	3B	Oak Peak Communication Site
CPUC Addendum	01/25/10	02/01/10	2	Reclassification of two temporary roads to permanent and relocation of transposition poles.
Revised CPUC Addendum	02/10/10	02/19/10	2	Relocate two previously approved transposition towers from Const 110 to Const 105.
#28	02/10/10	02/18/10	3B	Highwind Marshalling Yard
#29	02/10/10	03/02/10	1	Relocation of the Sagebrush Transmission Line at the Antelope Substation expansion area.
CPUC Addendum	03/17/10	03/26/10	3A	Vertical mulching, capping of a portion of the existing roadway, and making this overland route a permanent access for SCE operations and maintenance to Const 43.
CPUC Addendum	04/06/10	04/27/10	3B	Elimination of transposition towers in Segment 3B.
CPUC Addendum	04/16/10	04/22/10	1	Installation of fiber optics surrounding the Antelope Expansion.
CPUC Addendum	05/25/10	06/04/10	1	Permanent overland travel routes for Operation and Maintenance inspections.
CPUC Addendum	05/25/10	06/04/10	2	Permanent overland travel routes for Operation and Maintenance inspections.
CPUC Addendum	11/23/10	12/14/10	Windhub Substation	Place additional riprap at the channel outlet at Windhub Substation, to mitigate for downstream erosion resulting from 2009/2010 rains.
CPUC NTPs Segments 4-11				
#1	01/13/10	02/11/10	4, 5, 10	Yard 28
#2	01/28/10	03/10/10	9	Vincent Substation Expansion
#3	03/09/10	04/01/10	7,8	Rancho Vista Yard
CPUC Addendum	04/09/10	04/19/10	9	Changes to Substation components.
#4	01/27/10	04/26/10	7, 8	Segment 7 and 8 Cell Sites
#5	01/27/10	04/30/10	7	Segment 7 Telecom
#6	03/29/10	05/12/10	7,8	Mesa Materials Storage Yard
#7	05/12/10	05/28/10	8	Segment 8 telecommunications.
#7 Mod	08/20/10	08/20/10	8	Minor re-routes to Segment 8 Telecom

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#8	04/27/10	06/04/10	8	Segment 8 Contractor Yards
#9	07/21/10	07/29/10	7	Segment 7 Contractor Yards
#10	04/08/10	08/03/10	7, 8	66 kV re-route and relocation
#10 Mod	01/28/11	02/04/11	7/8 66 kV	Replace 14 existing wooden H-frames poles with steel H-frame poles in order to support the double 66 kV circuit.
#10 Mod	12/03/10	Retracted by SCE	7/8 66 kV	Change the design of the 66 kV line entry into the Chino Substation from underground to overhead. Visual simulation pending.
#10 Mod	03/15/11	03/22/11	7/8 66 kV	Removal and replacement of 21 wood poles with lightweight steel poles within Rio Hondo Substation.
#10 Mod	04/22/11	04/29/11	7/8 66 kV	Underground telecom.
#10 Mod	04/22/11	05/03/11	7/8 66 kV	Chino pole removals.
#10 Mod	05/23/11	06/02/11	7/8 66 kV	Realignment of approximately 500 feet of 66 kV underground transmission line.
#10 Mod	07/20/11	07/25/11	7/8 66 kV	Dusty underground connection.
#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 wreckouts.
#17 Mod	07/06/11	07/19/11	7	Access road additions, modifications, grading limit modifications, and OPGW splice sites.
#17 Mod	07/15/11	07/19/11	7	Removal of existing overhead ground wire and skywrap and replacement with fiber optical ground wire.
#18	10/13/10	10/15/10	7	Potrero Grande Contractor Yard
#19	10/29/10	11/12/10	4, 5, 10	Avenue F Contractor Yard
#20	10/08/10	11/30/10	10	Segment 10 Telecom
#20 Mod	04/19/11	05/06/11	10 Telecom	Changes to telecom route. ITP/BO acreage confirmation pending.
#20 Mod	06/17/11	06/24/11	10 Telecom	Additional trenching and vault placement along Oak Creek Road.
#21	11/18/10	12/09/10	6 & 11	Vincent North Material Yard.
#21 Mod	06/10/11	06/24/11	Vincent North MY	Telephone and IT installation at Vincent North Material Yard.
#22	11/18/10	12/09/10	6 & 11	Vincent South Material Yard.



NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
CPUC Addendum	11/22/10	12/14/10	Vincent Substation	Section of road widening and riprap extension for the Vincent Substation expansion.
#23	12/22/10	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 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 08/26/11)

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 MOD	07/29/10	08/02/10	1	Additional space for storage at Antelope Substation for material being delivered for Antelope, Vincent and Whirlwind substations.
VR #70	06/02/10	06/04/10	1	Additional disturbance areas adjacent to the pole erections for the 220 kV Sagebrush relocation work around the Antelope Substation.
VR #71	06/22/10	06/23/10	1	Change in construction work hours for work on the Sagebrush 220 kV transmission line.
VR #71 MOD #1	06/24/10	06/25/10	1	Expansion of construction hours for Sagebrush 220 kV T/L and foundation installation work at Antelope Substation.
VR #71 MOD #2	07/08/10	07/09/10	1	Further expansion of construction hours for Antelope Substation construction.
VR #71 MOD #3	11/18/10	11/19/10	1	Further expansion of construction hours for Antelope Substation construction.
Variance Requests, Segments 4-11				
VR #1	03/25/10	03/26/10	9-Vincent	Expand grading area of Vincent substation by 15 feet for temporary turn around 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 Telecom	Move two wood poles approximately 5 feet out of the drainage along Oak Creek Road.
#37	02/19/11	02/24/11	6	Modification to Yard 75 boundaries.
#38	02/23/11	02/25/11	8	Expansion of wire site for Phase 4 work.
#39	03/01/11	03/03/11	All Yards	Replace fence fabric screening with slats for safety reasons during high wind events.
#40	03/02/11	03/03/11	5	Additional access road to Construct 29.
#41	03/04/11	03/08/11	5	Additional access road improvements.
#42	03/04/11	03/08/11	4	Additional access road improvements.
#43	03/03/11	03/10/11	8	Additional access to Tower M2-T2.
#44	03/16/11	03/18/11	8	Tower M2-T5 and access road shift within SCE ROW
#45	03/22/11	03/25/11	5	Soil Stockpile areas at three locations
#46	03/25/11	04/04/11	7	Temporary disturbance areas for underground disturbance, 66 kV
#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 Revised 06/14/11	06/24/11	All	Allow continued use of approved TEWS access roads if nesting birds subsequently move in.
#69	06/14/11	CPUC Review	All	Variance to MM AQ-1d
#70	06/14/11	06/30/11	5	Change in pulling site locations at CT 22, 43, 51a & 57.
#71	06/27/11	07/06/11	8	Extra workspace at M57-T2 and M57-T3.
#72	07/01/11	07/08/11	8	Additional workspace at the I-605 Shoofly area
#73	06/01/11	07/08/11	10	Shift in Tower 43 Wire Setup Site. Additional information provided 07/07.
#74	07/22/11	07/28/11	11A	Modification of guard pole sites along Segment 11A.
#75	07/25/11	08/03/11	11A	Equipment AQ-1d compliance.
#76	07/18/11 Revised 07/25/11	08/03/11	5	Relocation of a Wire Stringing Site near Tower 34. Inquiry sent 07/27.
#77	07/27/11	08/03/11	4	Two additional Wire Stringing Sites near Towers 35 and 51. Inquiry sent 08/01.
#78	08/03/11	08/04/11	8	Relief from focused biological survey requirements because of restricted property access, Phase I. CDFG approval provided.
#79	08/06/11	08/11/11	4	Guard pole site near Tower 52.
#80	08/10/11	08/12/11	10	Roadway reclassification and modifications near Tower 83.
#81	08/12/11	08/18/11	10	Roadway reclassification and modifications near Towers 48 and 49.
	07/15/11	Under Review	8	Additional guard structure sites at Fullerton Road and WSS at M51-T2, M51-T3, M50-T1, M45-T4 and M6-T2. Pending gnatcatcher update submitted 08/26
	07/26/11	Under Review	8	MA1-T2 and MA1-T4 access road. Inquiry sent 07/27; pending gnatcatcher update submitted 08/26.
	08/18/11	Under Review	4	Wire setup site (WSS) relocations and new WSS and overland travel routes. Inquiry sent 08/22; response submitted 08/26
	08/26/11	Under Review	7/8 66 kV	Underground in City of Chino.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 08/26/11)

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 turn around areas
#10	12/02/10	12/02/10	7	Additional access road for on Rio Hondo–Anita No. 2 66 kV.
#11	12/08/10	12/08/10	5	Use an existing spur road near Tower 29, north of Elizabeth Lake Road.
#12	12/09/10	12/09/10	7	Additional access road near Towers M41-T1 through M41-T3
#13	12/14/10	12/14/10	8	Access road to Tower M0-T6.
#14	01/10/11	01/10/11	8	Access road to Tower M2-T5
#15	01/11/11	01/11/11	8	Additional parking area in Tonner Canyon.
#16	01/17/11	01/17/11	5	Additional parking and turnaround area near Tower 54.
#17	01/18/11	01/18/11	7	Use of a dirt road for access to M41-T4 wire sites.
#18	02/04/11	02/04/11	7	Additional access road to Tower M54-T3a.
#19	02/11/11	02/11/11	5	Extension for use of mudpit road north of Elizabeth Lake Road.
#20	02/15/11	02/25/11	7	Crane parking on Brookridge Road in the city of Duarte.
#21	03/02/11	03/02/11	8	Additional parking within Tonner Canyon adjacent to M57-T1
#22	03/03/11	03/03/11	8	Additional parking within Tonner Canyon adjacent to M57-T3
#23	03/03/11	03/03/11	7	Additional parking for a crane along Greenbank and Brookridge Roads in the city of Duarte

TEWS Request	Date Requested	Date Approved	Segment #	Description
#24	03/25/11	03/25/11	8	Additional space within Chino Sub for wire stringing.
#25	03/31/11	03/31/11	5	Additional parking on SCE roads near tower 50.
#26	04/11/11	04/11/11	8	Additional access within Pathfinder Park to Tower M9-T1B.
#27	04/12/11	04/14/11	8	Mid-span access between M3-T5 and M4-T1 to install sleeves.
#28	04/07/11	04/07/11	5	Additional parking/staging area adjacent to Tower 54; original TEWS had expired.
#29	04/07/11	04/07/11	5	Use of private dirt road so that Woodward Brothers could remove their drill; cannot cross Amargosa Creek due to flow.
#30	05/22/11	05/26/11	5	Mat placement to protect drainage pipes along access road at Parkwood Drive.
#31	06/08/11	06/09/11	8	Additional access at the 605 Shoofly.
#32	05/23/11	06/06/11	5	Use of spur road near Tower 26.
#33	06/07/11	06/09/11	5	Extended original TEWS for spur road near Tower 54.
#34	06/13/11	06/14/11	11	Additional parking outside of San Gabriel Yard
#35	06/28/11	06/28/11	5	Additional staging near Tower 44.
#36	07/08/11	07/11/11	5	Additional staging area near Tower 51.
#37	07/20/11	07/20/11	8	Additional access at Rooks Road
#38	07/20/11	07/20/11	8	Additional stage area at M60-T1
#39	07/27/11	07/27/11	8	Additional staging and turnaround between M54-T1 and M54-T2.
#40	08/01/11	08/01/11	5	Use of spur road for additional parking and staging near Tower 52.
#41	08/08/11	08/12/11	5	Use of disturbed area for parking and equipment staging near Tower 30.
#42	08/10/11	08/10/11	8	New access to Tower MA1-T3
#43	08/12/11	08/12/11	8	Additional guard pole site on Fullerton Road
#44	08/12/11	08/12/11	11	Extra space at guard pole site on Del Mar Avenue
#45	08/12/11	08/12/11	8	Access to distribution poles along Archibald Avenue
#46	08/08/11	08/12/11	5	Use of disturbed area for parking and staging of equipment and vehicles.
#47	08/19/11	08/19/11	11	Overland access to Tower M14-6

## NON-COMPLIANCES & INCIDENTS

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

**TABLE 4**  
**OTHER COMPLIANCE INCIDENTS**  
 (Updated 08/13/11)

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> 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 06/03/10 10/19/10 11/15/10 01/26/11 07/25/11	Rancho Vista CY Antelope Seg 7/8, 66 kV Segment 8 Segment 8 Segment 7
	Level 0		
	Level 1	09/21/10 10/01/10 10/09/10 12/06/10 01/07/11 01/12/11 02/11/11 02/12/11 02/12/11 02/14/11 03/07/11 03/11/11 03/15/11 03/15/11 03/16/11 03/29/11 04/2/11 04/25/11 04/25/11 04/27/11 04/28/11 05/05/11 05/06/11 06/02/11 06/09/11 06/13/11 06/16/11 06/16/11 06/16/11 06/20/11 07/25/11 07/28/11 08/04/11 08/08/11	Mesa Yard Racetrack CY Segment 4 (2) Segment 8 Segment 5 Segment 4 66 kV Segment 8 Segment 8 Segment 8(2) Whirlwind Segment 8 Whirlwind Racetrack Segment 4 Segment 5 Segment 5 Whirlwind Vincent N MY Segment 8 Segment 5 Segment 4 Segment 5 (2) Segment 7 Segment 5 (2) 10 Telecom Segment 7 Segment 8 Segment 5 Segment 8 (2) Segment 8 Segment 8 Segment 11



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

Description	Type <sup>1</sup>	Date	Location
	Level 3		
<b>Nesting:</b> Buffer encroachment, unauthorized nest removal, inadequate notifications,	CPUC	06/02/10 06/04/10 01/26/11	Antelope Antelope Vincent
	Level 0		
	Level 1	03/24/10 05/12/10 05/13/10 06/24/20 07/06/10 01/28/11 02/23/11	Vincent Vincent Vincent Yard 28 Yard 28 Segment 5 10 Telecom
	Level 2	06/17/10 06/22/10 03/29/11 04/16/11 05/09/11 06/02/11 06/17/11 06/21/11 07/11/11	Vincent Yard 28 Segment 8 Segment 8 Racetrack CY Segment 5 Segment 5 Segment 10 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
		04/1/11	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		
08/01/11	Strawberry CY		

Description	Type <sup>1</sup>	Date	Location
	Level 2	03/08/11 06/07/11 06/09/11	Whirlwind Whirlwind 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 12/02/10 12/03/10 12/07/10 12/10/10 02/02/10	Segment 8 Segment 8 Vincent Segment 8 Seg 7/8, 66 kV Segment 8 Whirlwind 03/30/11
	Level 1	09/24/10 02/01/11 03/22/11	Segment 5 Whirlwind Segment 4
	Level 2		
	Level 3		

Description	Type <sup>1</sup>	Date	Location
Hydrological Resources: Inadequate BMPs, jurisdictional drainage encroachment, track-out	CPUC	05/12/11	Segment 8
	Level 0		
	Level 1	09/09/10 01/31/11 02/01/11 02/07/11 02/10/11 02/10/11 02/11/11 02/17/11 02/23/11 03/01/11 03/01/11 03/01/11 03/08/11 03/09/11 03/22/11(2) 03/23/11 03/25/11 04/06/11 04/07/11 04/07/11 04/13/11 04/14/11 04/05/11 04/18/11 04/20/11 04/26/11 05/02/11 05/03/11 05/04/11 05/12/11 05/09/11 06/09/11 06/14/11 06/24/11 07/12/11 07/14/11 07/22/11 07/26/11 08/01/11 08/08/11	Mesa Yard Segment 8 Segment 8 Mira Loma CY Vincent 66 kV Racetrack CY Segment 5 Segments 6 & 11 Segment 4 Segment 4 Segment 4 Racetrack Segment 5 Segment 8 Segment 8 Segment 4 Segment 8 Segment 8 Segment 7 Segment 8 Segment 8 Racetrack CY Mira Loma CY Segment 5 Segment 7 Segment 8 Segment 8 Segment 8 Segment 8 Racetrack CY Rodeo CY Segment 8 Rio Hondo Yard Whirlwind Racetrack CY Segment 8 Segment 8 Segment 8 San Gabriel CY
	Level 2	04/21/11	Segment 8
	Level 3		

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

<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> (January 2010 thru the present)			
CPUC Non-Compliance Reports (NCR): None Issued to Date			
NCR	Issued 02/24/11 Withdrawn 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 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:** KV Structures drilling Tower 47, Segment 10.



**Figure 2:** Moore Fence crew member rolling out the tortoise fence along the wire setup site at Tower 29, Segment 10.





**Figure 3:** A saved Joshua tree in Tower 90 disturbance area, Segment 10.



**Figure 4:** An approved TEWS area adjacent to Tower 30, Segment 5.



**Figure 5:** Crews prepare to install a guard pole site, Segment 11A.



**Figure 6:** SCE crews string wire on various 66 kV circuits, Segment 7.



**Figure 7:** Crews assemble a tower at the I-605 Shoofly, Segment 8 Phase 4



**Figure 8:** Crews dispose of construction waste at the I-605 Shoofly disturbance area, Segment 8 Phase 4



**Figure 9:** A southwestern pond turtle in Brea Creek with the removed conductor above it, Segment 8, Phase 1.



**Figure 10:** Conductor removed across the I-57 freeway sits atop the bank of Brea Creek, Segment 8 Phase 1.



**Figure 11:** Torn plastic atop a soil pile, Segment 8 Phase 4.