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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:** March 1, 2011  
**Subject:** Weekly Report 160, February 13 to February 19, 2011

**INTRODUCTION**

This report provides a summary of the construction and compliance activities associated with the following SCE transmission projects:

- Antelope-Pardee 500 kV Transmission Project, Segment 1, including Antelope Substation expansion;
- Antelope Transmission Project, Segments 2, 3A and 3B, including the Windhub and Highwind Substations; and
- 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, 4, and 5, respectively.

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

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

**Summary of Activity:**

1. Construction of Segments 1, 2, and 3A has 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.
2. Construction activities in the Antelope Substation expansion consisted of the following:
  - Grading and civil work continued;
  - Steel and electrical construction continued;
  - Hydroseeding around the perimeter of the substation to begin soon.

Poles for Segment 3 were stored in the laydown yard 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 in the near future, it will be graded level and covered with gravel. 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.

3. Construction activities at the Windhub Substation included structural steel work for the 500 kV rack and conduit installation in the 220 kV area. Two transformers were delivered.
4. Material for Segment 3B and the future Whirlwind Substation is being stored at the Highwind Yard.
5. Habitat restoration has not been completed on Segment 1. ECORP and Nature's Image are conducting maintenance activities including weeding in areas previously seeded. Restoration at Wire Stringing Site 3 and Tower 9 on Segment 1 has been recently completed.
6. Revegetation for Segments 2 and 3A started in mid-February 2011.



## **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.

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. Inside the Vincent Substation, forms and foundations were installed in the 220 kV area. Cable trenching also occurred in the 2X position and 220 kV area. In the Vincent expansion area, circuit breaker cabs were installed for the shunt capacitors. The Foreston Road realignment is complete and road base was added to a portion of the road. Rock was installed in the 3X and 4X positions for future expansion.
2. The Racetrack Yard is currently in use for contractor equipment storage and parking. Contractor (H&M) office trailers are completely setup for daily operations. Material delivery continued at Material Yard 28. The Rodeo Yard is currently in use for contractor equipment storage and parking. The Avenue F Yard is now in use for equipment storage and maintenance work is being conducted inside the building.
3. Segment 4: KV Structures (drilling contractor) continued drilling, setting rebar cages using a spider jig for stub angle placement, and concrete pouring at Towers 44 through 54. KV acquired a smaller drill that allows them to access more sites. H&M steel crews continued tower assembly work at Towers 40, 41, 42, and 43. H&H Grading installed BMP's (i.e. fiber rolls) at several disturbance sites between Towers 32 and 24. Due to the lack of survey stakes along the new access spur roads, fiber rolls were not installed at all tower locations.
4. Segment 5, Towers 1 to 47: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 26 through 28B. Wreck-outs of the existing 220 kV towers continued. Guard poles were installed along Avenue L. Wire removal continued from Towers 8 to 15. H&M steel crews continued tower assembly and erection at Towers 2 and 3. H&H Grading conducted new access road grading at Tower 30 (see Figure 1).
5. Segment 5, Towers 48 to Vincent Substation: H&M steel crews continued tower assembly at Towers 63, 64, and 65. Removal of old tower foundations continued near the Vincent Substation (see Figure 2).
6. Segment 10 Telecom: H&M crews continued fiber optic cable (FOC) pulling between Rosamond and Windhub Substations. Wind dampeners were added to the newly installed cable. An H&M crew also relocated two wood poles out of the Oak Creek Road drainage ditch as approved under Variance #36

(see Figure 3). Griffin Construction began work on February 15<sup>th</sup> at Rosamond Substation. These crews installed cable arms on the existing wood poles along Rosamond Boulevard.

7. Whirlwind Substation: Moore Fence Company completed the tortoise and chain link fence installation, including the gated entrances to the substation. Temporary tortoise fence (a no dig fence) was installed at the disturbed area along 170<sup>th</sup> Street and Rosamond Boulevard in preparation for the concrete slab installation over the LADWP aqueduct (see Figure 4). Biological Monitors were onsite daily to inspect the work.

#### **Environmental Compliance:**

1. The CPUC EM verified disturbance staking and ESA flagging from Tower 23 to Whirlwind Substation on Segment 4 and approval was provided to SCE. The CPUC has requested that SCE provide specific information regarding where desert tortoise fencing will be installed along access roads and disturbance sites.
2. SCE contacted Aspen regarding minor changes to the Segment 10 Telecom alignment (movement of wood poles, installation of new anchors, and modifying the underground portion). SCE is currently organizing the information and will be submitting a Modification to the NTP to document these changes.
3. The CPUC is awaiting response from SCE in regards to topsoil salvage from temporary disturbance sites for restoration and visual requirements for Segments 4, 5 and 10.
4. Three new active nests were identified on Segment 5. Special-status species observed during the week included loggerhead shrike, northern harrier, and ferruginous hawk.
5. SCE received CDFG concurrence for two active nest buffer reductions at Towers 25 and 52 on Segment 5.
6. The CPUC EM discussed BMPs for soil stockpiles and grading activity with the CH2MHill monitor, in particularly Tower 30 on Segment 5, in anticipation of a projected rain event.

Five Level 1 SCE Non-Compliances were issued during the subject period for TRTP Segment 4, 5 and 10 construction activities (see Table 5). One CPUC Project Memorandum was issued for all Segments 4-11 for non-notification of 10 unanticipated discoveries during 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

### **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 April 2011. Construction is expected to begin in May 2011.
2. Vincent North and South Material Yards: During the subject period, trailer installation, material delivery, and watering for dust control occurred in both Yards.
3. No site preparation work has commenced at Material Yard 75 South.

#### **Environmental Compliance**

No SCE Non-Compliances were issued during the subject period for TRTP construction activities. One CPUC Project Memorandum was issued for all Segments 4-11 for non-notification of 10 unanticipated

discoveries during construction activities. Non-Compliance activities for the project date are summarized in Table 4.

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

### **Summary of Activity**

1. Segments 7 & 8, 66 kV: During the subject period, underground work continued on the Rio Hondo–Amador-Jose-Mesa line along Durfee Road in South El Monte. Work included recontouring and clean-up. Wilson crews continued work on the foundations for riser and non-riser poles for the Chino 66 kV Relocation. Crews drilled holes and placed cages. Wilson and SCE crews also continued work on the Rio Hondo Substation to Ramona Boulevard overhead portion of the Rio Hondo–Amador-Jose-Mesa and the Rio Hondo–Amador/Rio Hondo–Anita No. 2 line in the City of Irwindale. Work included stringing wire, including a river crossing at the San Gabriel River. Additionally, SCE crews continued work on setting poles and installing conductors. The poles were set on foundations previously drilled/set by Wilson.
2. Segment 7: Tri-State continued to drill the foundations for Tower M54-T3a in the City of Duarte. Wilson removed conductor across seven spans and wrecked out seven towers (see Figure 5). DCX crews worked on foundation removal and excavation at three locations (see Figure 6). Additionally, DCX crews continued to mow within disturbance areas around towers and wire setup sites.
3. Segment 8, Phase 1: DCX and Tri-State crews continued to work within Tonner Canyon in the City of Industry and in the City of Chino Hills. Crews drilled for foundations for three of the new double circuit 500 kV Mira Loma–Vincent structures and continued shearing unbolted towers and excavating footers as part of tower removal within the right-of-way.
4. Segment 8, Phase 2: Wilson crews continued erection work at twelve towers on the Chino-Mira Loma No. 1 line (see Figure 7). Tri-State and DCX drilled foundations at five tower locations. Additionally, DCX crews continued to mow within disturbance areas around towers and wire setup sites.
5. Segment 8, Phase 4: Crews finished preparing the Fullerton Contractor Yard in the City of Rowland Heights. Additionally, DCX crews began mowing at tower sites for the Fullerton Shoofly.

### **Environmental Compliance:**

1. Special-status species were observed during the week by Biological Monitors included peregrine falcon, loggerhead shrike and burrowing owl.
2. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Ten new nests discovered on Segments 7 and 8 included hummingbird nests, a red-tailed hawk nest, mourning dove nests, and northern mockingbird nests. CDFG provided concurrence of buffer reductions for four nests.
3. The CPUC EMs conducted a field verification of the Segment 8 Phase 4 Fullerton Road shoofly towers on February 15<sup>th</sup> and noted that disturbance area stakes were absent, as well as requested updated maps that designate coastal California gnatcatcher critical habitat.
4. The CPUC EMs conducted a field verification of Segment 7 from the 210 Freeway to Rio Hondo substation and noted that disturbance areas stakes were absent or incomplete.
5. The CPUC EMs had a meeting with SCE about the Field Reporting Environmental Database (FRED) on February 15<sup>th</sup>. Topics discussed included better representation of bird nest events on FRED maps, FRED-generated weekly reports, and incident reporting.
6. A CPUC Project Memorandum was issued on February 16<sup>th</sup> for construction on Segment 7 prior to the submittal of biological survey sweep information.

7. One CPUC Project Memorandum was issued for all Segments 4-11 for non-notification of 10 unanticipated discoveries during construction activities.

A total of five SCE Level 1 NCRs were issued during the subject period (see Table 5). No CPUC Non-Compliance Reports and two 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 03/01/11)

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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#2	01/28/10	03/10/10	9	Vincent Substation Expansion
#3	03/09/10	04/01/10	7,8	Rancho Vista Yard
CPUC 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	Under Review	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	Under Review	8	Change the design of the 66 kV line entry into the Chino Substation from underground to overhead. Visual simulation pending.
#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
#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 wrecks.
#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
#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 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.
#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.
	01/03/10	Under Review	10	Segment 10 Transmission Line. Copies of biological survey report received the week of Jan 24-28. SCE to provide updated maps.

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
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 03/01/11)

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.

Variance Request	Date Requested	Date Issued	Segment #	Description
VR #71 MOD #3	11/18/10	11/19/10	1	Further expansion of construction hours for Antelope Substation construction.
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
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.



Variance Request	Date Requested	Date Issued	Segment #	Description
VR #24	12/17/10	12/20/10	8	Use of an existing concrete parking area/pad in Tonner Canyon as a helicopter landing zone and equipment staging and parking area, Segment 8, Phase I.
VR #25	12/17/10	12/20/10	8	Revision to the Structure Work Area for Tower M73-T2, Segment 8, East (Phase III).
VR #26	1/6/11	1/6/11	7	Revised disturbance areas in Montebello Hills
VR #27	1/12/11	1/13/11	7	Relocation of interset tower M54-T3a
VR #28	01/14/11	1/19/11	Yard	Grading at Vincent South Material Yard.
VR # 29	01/14/11	1/19/11	Yard	Additional parking areas at Rodeo North and South Contractor Yards.
VR #30	01/28/11	01/28/11	Yard	Grading at Vincent North Material Yard.
VR #31	02/04/11	02/04/11	7, 8	Revised 66 kV underground alignment along Edison Avenue in the City of Chino
VR #32	02/04/11	02/07/11	Whirlwind	Temporary offsite equipment loading/unloading and parking area.
VR #33	02/08/11	02/10/11	8	Access route to Tower M0-T6.
VR #34	02/09/11	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.
	03/01/11	Under Review	All Yards	Replace fence fabric screening with slats for safety reasons during high wind events.

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 03/01/11)

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).

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

## NON-COMPLIANCES & INCIDENTS

A summary of Project Memorandum, Non-Compliance Reports, and other incidents to date is provided in Table 4.

**TABLE 4**  
**CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA**  
(Updated 03/01/11)

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>			
(January 2010 thru the present)			
CPUC Non-Compliance Reports (NCR): None Issued to Date			
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.
NCR	02/24/11	Project-wide	No notification of wildlife entrapment/mortality from bird deterrent netting.

**TABLE 5**  
**OTHER COMPLIANCE INCIDENTS**  
(Updated 03/01/11)

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	Rancho Vista CY Antelope Seg 7/8, 66 kV Segment 8 Segment 8	
	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	Mesa Yard Racetrack CY Segment 4 (2) Segment 8 Segment 5 Segment 4 66 kV Segment 8 Segment 8 Segment 8(2)	
	Level 2	06/13/10 01/12/11	Seg 7, Telecom Segment 4	
	Level 3			
	<b>Biological Resource ESA (non-nesting) &amp; Disturbance Areas:</b> ESA buffer encroachment, work with no biological monitor present,	CPUC	09/21/10	Seg 8, Phase 1
		Level 0		
Level 1		08/03/10 12/06/10 02/07/11 02/14/11 02/16/11	Seg 7, Telecom Segment 8 Segment 8 Segment 7 Segment 8	
Level 2				
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	Vincent Vincent Vincent Yard 28 Yard 28 Segment 5	
	Level 2	06/17/10 06/22/10	Vincent Yard 28	
	Level 3			

Description	Type <sup>1</sup>	Date	Location
<b>Biological Resource Endangerment:</b> Foundation holes not covered @ the end of the day, micro-trash,	CPUC		
	Level 0		
	Level 1	10/11/10 10/12/10 10/13/10 11/05/10 01/09/11 01/12/11 02/02/11 02/08/11 02/09/11 02/12/11 02/16/11 02/14/11 02/15/11 02/15/11	Vincent Vincent Racetrack CY Racetrack CY Segment 8 Segment 5 Segment 8 Segment 8 Whirlwind Whirlwind Rancho Vista MY Whirlwind Whirlwind Segment 5
	Level 2		
	Level 3		
	<b>Cultural/Paleontological Resources:</b> Site damage, no monitor present, inadequate notification, unauthorized artifact relocation,	CPUC	05/10/10
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
Level 1		09/24/10 02/01/11	Segment 5 Whirlwind
Level 2			
Level 3			
<b>Hydrological Resources:</b> Inadequate BMPs, jurisdictional drainage encroachment, track-out		CPUC	
	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	Mesa Yard Segment 8 Segment 8 Mira Loma CY Vincent 66 kV Racetrack CY Segment 5
	Level 2		
	Level 3		
	<b>Fuel/Hazardous Materials:</b> Spills, no/inadequate secondary containment,	CPUC	05/28/10
Level 0			
Level 1		12/10/10 02/03/11 02/09/11	Racetrack CY Segment 7 Mira Loma CY
Level 2			
Level 3			

Description	Type <sup>1</sup>	Date	Location
<b>Public/Worker Safety:</b> No monitoring at contaminated sites, traffic control not in compliance with TMP, no guard poles in place at roadways,	CPUC		
	Level 0	12/15/10 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,	CPUC	05/12/10	Antelope
	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	Segment 5 Segment 8 Segment 8 Segment 8 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.

## PROJECT PHOTOGRAPHS



**Figure 1:** H&H grading disturbance site at Tower 30, Segment 5.



**Figure 2:** H&M crew removing old tower foundations near TSP 1 in the Vincent Expansion area, Segment 5.



**Figure 3:** H&M crew relocating wood poles outside the Oak Creek Road drainage ditch, Segment 10 Telecom.



**Figure 4:** Temporary tortoise fencing in disturbed area along Rosamond Boulevard and 170<sup>th</sup> Street at Whirlwind Substation, Segment 9.





**Figure 5:** Crews preparing towers for wire removal, Segment 7.



**Figure 6:** Crews excavating a tower foundation, Segment 7.





**Figure 7:** Crews erecting a tower, Segment 8 Phase 2.