



30423 Canwood Street, Suite 215, Agoura Hills, CA 91301-4316
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

**PROJECT MEMORANDUM
SCE TRANSMISSION PROJECTS, SEGMENTS 1 - 11**

To: John Boccio, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: March 8, 2011
Subject: Weekly Report 161, February 20 to February 26, 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 and 4 & 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.

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. Currently, crews are decompacting project disturbance areas in preparation for seeding.



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 and conduit was installed. 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. Trenching for the ground grid installation in the east portion of the expansion area occurred.
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 44 through 54 and Tower 3A-102 (see Figure 1). 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. Rock was placed within the ruts along the access road that leads from 110th Street to the Antelope Substation to help prevent trucks from getting stuck (see Figure 2).
3. Segment 5, Towers 1 to 47: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 31 through 35. Wire removal continued from Towers 8 to 15. H&M prepared for wire removal across Godde Hill Road (Towers 16 to 25). H&M steel crews continued tower assembly and erection at Towers 2, 3, 11, and 12.
4. Segment 5, Towers 48 to Vincent Substation: H&M steel crews continued tower assembly at Tower 61A. Tower 62 had to be resurveyed before Woodward could mobilize the drill. Removal of old tower foundations continued in this area.
5. Segment 10 Telecom: H&M crews continued fiber optic cable (FOC) pulling between Rosamond and Windhub Substations (see Figure 3). Wind dampeners were added to the newly installed cable. Griffin Construction continued cable arm installation and FOC pulling between the Rosamond Substation and 170th Street. The trenching outside the Rosamond Substation will be conducted by Griffin next week.
6. Whirlwind Substation: Moore Fence Company completed the tortoise and chain link fence installation, including the gated entrances to the substation. The 100% clearance sweep for desert tortoise and Mohave ground squirrel (MGS) was conducted on February 20th. Some areas (such as the new drainage channel and spreader) were skipped in order to get the grubbing and grading operation underway, so the fence company began trenching along the fence limits on the west side of 170th Street. Once this portion of the fence is complete, biologists will conduct a 100% clearance sweep of the area prior to grubbing. Work on the concrete slab over the LADWP underground aqueduct began on February 22nd (see Figure 4).

Environmental Compliance:

1. The CPUC EM verified disturbance staking and Environmental Sensitive Area (ESA) flagging at the Avenue I interest towers on Segment 4 and approval was provided to SCE.
2. On Segment 4, the CPUC EM observed missing disturbance stakes (t-posts) between Towers 28 and 33. They appeared to have been stolen because this area had previously been staked and field verified. The Burns & McDonnell Environmental Coordinators were notified.
3. The CPUC has requested that SCE provide specific information regarding where desert tortoise fencing will be installed along access roads and disturbance sites on Segments 4 and 10. This information was received and clarification from CDFG regarding road fencing was submitted to the CPUC.
4. 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.
5. 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. So far, there has been no salvaging of topsoil in project areas.
6. Special-status species observed during the week by Biological Monitors included burrowing owl, loggerhead shrike, northern harrier, long-eared owl, American badger, and ferruginous hawk.
7. Three new nests discovered this week included a red-tail hawk, long-eared owl, and great horned owl, and no buffer reductions were requested.
8. SCE received CDFG concurrence to remove three inactive nests from within the Whirlwind Substation on February 22nd.
9. Segment 4 access road capping for cultural sites south of Avenue D began on February 23rd.
10. A female desert kit fox was found trapped in Whirlwind Substation on February 25th. The SCE Biologists were able to flush her out of one of the substation gates. It is unknown how she got into the fenced substation.

Two Level 1 SCE NCR's and five Level 2 SCE non-compliances 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 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. 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 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 along Rivergrade Road and Lower Azusa Road (see Figure 5). SCE crews were scheduled on non-TRTP projects for the week.
2. Segment 7: Tri-State began drilling two foundations in the City of Duarte. Wilson removed conductor across five spans and wrecked out three towers and began assembly at Tower M54-T3a (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 six 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 assembly work at four towers on the Chino–Mira Loma No. 1 line (see Figure 7). Tri-State and DCX crews drilled foundations at five tower locations. Additionally, DCX crews continued to mow within disturbance areas around towers and wire setup sites.

Environmental Compliance:

1. A CPUC Non-Compliance Report was issued on February 24th for lack of notification of entrapped animals in bird deterrent netting. Two California towhees had been trapped under a piece of equipment covered with bird deterrent netting; one was entangled in the netting and was found dead, the other was released. The NCR stipulated that SCE contact CDFG and determine the notification protocols of trapped, injured or killed animals for these types of incidents. CDFG indicated that reporting within three days would be acceptable.
2. A stop-work order and stand down was issued for both Segments 7 and 8 from February 24th through February 28th, with the exception of any work supporting the February 27th Interstate 605 freeway crossing, installation of BMPs for SWPPP compliance, installation of bird deterrents, and receiving materials at Rancho Vista and Mesa Yards. This was a result of several SCE Non Compliances noted for crews working outside of approved project limits. An environmental and safety meeting was held on February 28th for all TRTP personnel.
3. SCE provided a response on February 24th to the CPUC project memorandum for unanticipated discovery notification. SCE committed to verbally communicating all Level 0 and 3 incidents to the CPUC on the day of occurrence, followed with an email. Additionally, SCE reviewed the incidents originally classified as Level 0. Three incidents were reclassified as observations, two were reclassified as Level 1 incidents, and four incidents remained Level 0 incidents.
4. Special-status species observed during the week by Biological Monitors included burrowing owl, northern harrier, northern goshawk and black-tailed jackrabbit. The jackrabbit was observed grazing within the yard amongst the stored material. The other species were not observed within the project component.

5. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Twenty-eight new nests discovered on Segments 7 and 8 included hummingbird nests, a red-tailed hawk nest, mourning dove nests, American crow nests, house sparrow nests and northern mockingbird nests. CDFG provided concurrence of buffer reductions for ten nests.
6. SCE was given concurrence from CDFG to remove two inactive bird nests. One of the nests, at tower M40-T1 on Segment 7, was within the helicopter buffer of an active red-tailed hawk nest discovered after concurrence was sought from CDFG. SCE delayed the nest removal at this location pending a helicopter buffer reduction from CDFG.
7. The CPUC EMs conducted a field verification of the Segment 8 Phase 4 Fullerton Road shoofly towers on February 15th and noted that disturbance area stakes were absent, as well as requested updated maps that designate coastal California gnatcatcher critical habitat.
8. Wilson began installing auditory bird deterrents at several yards. The bird deterrents are kept at below 60 decibels and utilize non-predatory electronic noises, as requested by CDFG.
9. A 300-foot buffer was not established for a killdeer nest on Segment 7 66 kV at the bore site within the Duck Farm because of safety concerns. The CPUC EM visited the site on February 25th and inquired what the safety concerns were. The Wilson safety inspector informed her that the concern that people or animals would fall and be trapped in the bore pit, but also that the hole would be secured at the end of each work day for the duration of the bore. CDFG provided concurrence for an 80-foot buffer on March 3rd.

A total of six SCE Level 1 and Level 2 non-compliances were issued during the subject period (see Table 4). One CPUC Non-Compliance Report and no 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 03/08/11)

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.

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
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
#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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#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
#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.
#27	01/03/11	03/08/11	10	Segment 10 Transmission Line.
CPUC Addendum	03/01/11	Under Review	9	Bridge construction to access Whirlwind substation.
ANF PERMITTING – 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 03/08/11)

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 turnaround areas for equipment.
VR #2	05/25/10	05/27/10	7	Relocation of helicopter landing zone for Segment 7 telecommunications work.
VR #3	06/08/10	06/10/10	7	Clarification of Segment 7 Telecom construction operating hours and to work the weekend dates of June 12, 13, 19, and 20, within the City of Irwindale
VR #4	08/11/10	08/13/10	9-Vincent	Utilize a fire hydrant along an unpaved spur road and also place two 10,000-gallon elevated water storage tanks adjacent to the hydrant.
VR #5	08/20/10	08/20/10	7	Night work for Segment 7 Telecom
VR #6	08/26/10	08/26/10	8	Work on weekends for Segment 8 Telecom.
VR #7	09/10/10	09/16/10	8	New wire setup and pull sites for Segment 8 Phase 1

Variance Request	Date Requested	Date Issued	Segment #	Description
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.
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).

Variance Request	Date Requested	Date Issued	Segment #	Description
#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.
	03/03/11	Under Review	8	Additional access to Tower M2-T2.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 03/08/11)

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

TEWS Request	Date Requested	Date Approved	Segment #	Description
#15	1/11/11	1/11/11	8	Additional parking area in Tonner Canyon.
#16	1/17/11	1/17/11	5	Additional parking and turnaround area near Tower 54.
#17	1/18/11	1/18/11	7	Use of a dirt road for access to M41-T4 wire sites.
#18	2/4/11	2/4/11	7	Additional access road to Tower M54-T3a.
#19	2/11/11	2/11/11	5	Extension for use of mudpit road north of Elizabeth Lake Road.
#20	2/15/11	2/25/11	7	Crane parking on Brookridge Road in the city of Duarte.
#21	3/2/11	3/2/11	8	Additional parking within Tonner Canyon adjacent to M57-T1
#22	3/3/11	3/3/11	8	Additional parking within Tonner Canyon adjacent to M57-T3
#23	3/3/11	3/3/11	7	Additional parking for a crane along Greenbank and Brookridge Roads in the city of Duarte

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 03/08/11)

Description	Type ¹	Date	Location
OTHER COMPLIANCE INCIDENTS, SEGMENTS 1-3			
<i>For Other Compliance Incident activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106-107.</i>			
OTHER COMPLIANCE INCIDENTS, SEGMENTS 1-11 (January 2010 thru the present)			
Approved work areas & pre-construction surveys/sweeps: 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)

Description	Type ¹	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	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
Biological Resource ESA (non-nesting) & Disturbance Areas: ESA buffer encroachment, work with no biological monitor present,	Level 3		
	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 02/23/11	Seg 7, Telecom Segment 8 Segment 8 Segment 7 Segment 8 Segment 8
	Level 2		
	Level 3		
Nesting: 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	Vincent Yard 28
	Level 3		
	Biological Resource Endangerment: 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			

Description	Type ¹	Date	Location
Cultural/Paleontological Resources: 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
	Level 1	09/24/10 02/01/11	Segment 5 Whirlwind
	Level 2		
	Level 3		
	Hydrological Resources: 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 02/23/11	Mesa Yard Segment 8 Segment 8 Mira Loma CY Vincent 66 kV Racetrack CY Segment 5 Segments 6 & 11
Level 2			
Level 3			
Fuel/Hazardous Materials: 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		
Public/Worker Safety: 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		
Air Quality: 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.

TABLE 5
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
(Updated 03/08/11)

Type	Date	Location	Description
NON-COMPLIANCE REPORTS & PROJECT MEMORANDA, SEGMENTS 1-3			
<i>For CPUC Non-Compliance Reports & Project Memoranda activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106-107.</i>			
NON-COMPLIANCE REPORTS & PROJECT MEMORANDA, SEGMENTS 1-11 (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.

PROJECT PHOTOGRAPHS



Figure 1: KV Structures drilling Tower 3A-102, Segment 4.



Figure 2: Rock placed in access road that leads from 110th Street to the Antelope Substation, Segment 4.



Figure 3: H&M crew pulling fiber optic cable along Tehachapi Willow Springs Road, Segment 10 Telecom.



Figure 4: Concrete slab installation over the LADWP aqueduct in the disturbed area along Rosamond Boulevard and 170th Street at Whirlwind Substation, Segment 9.



Figure 5: Crews stringing wire, Segment 7 66 kV.



Figure 6: Crews assembling Tower M54-T3a, Segment 7.



Figure 7: Crews assembling a tower and installing bird deterrents, Segment 8 Phase 2.