



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 18, 2011
Subject: Weekly Report 162, February 27 to March 5, 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 at the Antelope Substation expansion included grading and civil work, and steel and electrical construction work.

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 and capacitor bank work in the 500 kV area and ground grid work in the 220 kV area. Four transformers are welded in place and three more are to be delivered. The contractor is using plastic and Mylar flagging for bird deterrents (see Figure 1).
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 ripped 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. In the Vincent Substation expansion, trenching, ground grid installation, and backfilling occurred. Conduit was placed and forms were poured for the circuit breaker pads.
2. Segment 4: KV Structures (drilling contractor) continued drilling, setting rebar cages using a spider jig for stub angle placement, and concrete pouring at Tower 3A-102 and the Avenue I interset towers. H&M steel crews continued tower assembly work at Towers 38 through 43. Access roads to new towers were bladed from Tower 24 to 33. Disturbance staking was re-installed at various towers.
3. Segment 5, Towers 1 to 47: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 31 through 35. H&M conducted wire removal across Godde Hill Road which completed all wire removal from Segment 5 (see Figure 2). H&M steel crews continued tower assembly and erection at Towers 2, 3, 11, and 12. The new access road to Tower 42 was graded and soil was stockpiled at Tower 41 (see Figure 3). Crane pads were graded at wreck-out towers. The existing 220 kV towers were wrecked-out.
4. Segment 5, Towers 48 to Vincent Substation: H&M steel crews continued tower assembly at Tower 61A and 65. Removal of old tower foundations continued in this area.
5. Segment 10 Telecom: H&M crews completed fiber optic cable (FOC) pulling between Rosamond and Windhub Substations. Wind dampeners were added to the newly installed cable. Griffin Construction continued FOC pulling along Rosamond Boulevard between 65th Street and 140th Street. Trenching work will begin next week.
6. Whirlwind Substation: Moore Fence Company continued trenching for the tortoise and chain link fence installation along the fence limits on the west side of 170th Street. The concrete slab over the LADWP underground aqueduct was completed. Grubbing and grading operations began on Wednesday, March 2nd (see Figure 4).

Environmental Compliance:

1. The CPUC EM observed improperly installed bird netting inside the Vincent Substation. The site representatives and the SCE Environmental Coordinator were informed of the observation.
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. So far, there has been no salvaging of topsoil in project areas.
4. Special-status species observed during the week by Biological Monitors included burrowing owl, loggerhead shrike, northern harrier, and ferruginous hawk.
5. Eleven new nests discovered this week included ravens and a loggerhead shrike. SCE received CDFG concurrence on buffer reductions for three nests.
6. The CPUC EM's were informed in the weekly construction meeting that two sites on Segment 10 were not culturally surveyed. Work will not be permitted in these areas until the report is submitted to the CPUC.
7. SCE requested concurrence from CDFG in regards to the tortoise fence installation along access roads on Segments 4 & 10. CDFG requested further clarification.

Nine Level 1 SCE NCR's and one Level 2 NCR 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

1. The CPUC EM attended a weed abatement kick-off meeting for Segment 6 at the Vincent North Material Yard on Tuesday, March 1st. Safety and environmental regulations were discussed.
2. The CPUC EM observed gaps in the bird netting on juniper trees in the Vincent North Material Yard. The SCE biologist for Segments 6 & 11 was notified.

3. SCE reported to the CPUC and CDFG that bird netting failed in the Vincent North Material Yard, which trapped several European starlings and one white-crowned sparrow on March 2nd. All birds were alive and safely released.
4. The CPUC EM observed track-out greater than 25 feet from the Vincent North Material Yard. The CH2MHill environmental monitor was informed and Vincent View Road was swept.

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 overhead and underground 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 removing hardware extension arms and fence repair along Rivergrade Road and Lower Azusa Road and boring through a flood channel within the Duck Farm in the city of South El Monte.
2. Segment 7: Tri-State continued drilling two foundations in the City of Duarte. Wilson removed conductor across Interstate 605, wrecked out three towers and continued assembly at Tower M54-T3a (see Figure 5). Additionally, DCX crews continued foundation demolition and tower shearing at five towers.
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 continued drilling at two foundations for 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. Tri-State and DCX crews drilled foundations at five tower locations (see Figure 6). Additionally, DCX crews continued to mow within disturbance areas around towers and wire setup sites.

Environmental Compliance:

1. CPUC requested documentation of compliance with MM E-4b APM HAZ-3 after a few instances of encounters with potentially contaminated soil on Segment 7 66 kV. SCE provided documentation, including associated lab reports, on March 7th.
2. On March 3rd it was noted that contractors conducting trenching work within the Duck Farm were working within 300 feet of an active raven nest. While the nest had been observed by a nesting bird biologist on March 2nd, an ESA buffer was not established in the field. An email was sent to SCE on March 3rd inquiring about the matter.
3. ICF Biologists continue to collapse burrows along Edison Avenue in the City of Chino as part of a burrowing owl relocation that commenced on February 1st.
4. Wilson sprayed a soil binder at tower sites M57-T3 and M57-T4 (see Figure 7) for erosion control. The CPUC EM requested the Materials Safety Data Sheet (MSDS) for the soil binder from the contractor. The review of the soil binder determined that it was not non-toxic, as required by MM AQ-1a.
5. The CPUC EM conducted field verifications for six towers on Segment 8 Phase 3 (M6-T3a, M6-T3b, M73-T2 to M73-T5) on March 1st. It was noted that some disturbance staking was absent or needed to be adjusted, but there were no major concerns or questions.

6. The CPUC EM conducted field verifications of Segment 7 66 kV overhead work on the Mesa-Narrows and Walnut-Hilgen-Industry-Mesa-Reno lines along San Gabriel Boulevard and Siphon Road within Whittier Narrows. The CPUC EM provided comments and questions to SCE on March 3rd regarding wreck-out locations not identified on project maps.
7. Special-status species observed during the week by Biological Monitors included burrowing owl, northern harrier, northern goshawk, white-tailed kite, and golden eagle. The species were not observed within the project component.
8. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Thirty-eight new nests discovered on Segments 7 and 8 included bushtit nests, black phoebe nests, red-winged blackbird nests, American crow nests, house sparrow nests and northern mockingbird nests. CDFG provided concurrence of buffer reductions for nine nests. On March 3rd and 4th, while the CDFG project manager was unavailable for concurrence, SCE implemented buffers consistent with the draft nesting bird management plan. These buffer reductions were applied to a common raven nest and a European starling nest.

One SCE Level 2 non-compliance was issued during the subject period (see Table 4). No CPUC Non-Compliances or Project Memoranda were issued during the subject period for Segment 7 and 8 construction activities. Non-Compliance activities for the project to date are summarized in Tables 4 and 5.

Agency Representatives during Construction (other than CPUC EMs):

None

CPUC NOTICES TO PROCEED (NTPS) & ANF PERMITTING

Table 1 summarizes the CPUC Notice to Proceed and ANF permitting activity for the Antelope Transmission Projects, Segments 1-3, and TRTP, Segments 4-11, to date.

TABLE 1
CPUC NTPS & ANF PERMITTING
(Updated 03/18/11)

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.

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
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	03/15/11	Under Review	7, 8	Replace 21 wooden poles.
#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	03/16/11	5	Segment 5 telecom changes.
#16	08/30/10	09/13/10	4	Segment 4 Transmission Line
#17	08/10/10	09/24/10	7	Segment 7 Transmission Line
#17 Mod	01/13/11	02/25/11	7	Segment 7 66 kV wreck-outs.
#18	10/13/10	10/15/10	7	Potrero Grande Contractor Yard

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#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	03/17/11	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 03/18/11)

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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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.
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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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).
#35	2/14/11	2/14/11	8	Access to additional wire setup sites between Oaks Avenue and Tower M46-T7b.
#36	2/14/11	2/15/11	10 Telecom	Move two wood poles approximately 5 feet out of the drainage along Oak Creek Road.
#37	2/19/11	2/24/11	6	Modification to Yard 75 boundaries.
#38	2/23/11	2/25/11	8	Expansion of wire site for Phase 4 work.
#39	03/01/11	03/03/11	All Yards	Replace fence fabric screening with slats for safety reasons during high wind events.
#40	03/02/11	03/03/11	5	Additional access road to Construct 29.
#41	03/04/11	03/08/11	5	Additional access road improvements.
#42	03/04/11	03/08/11	4	Additional access road improvements.
#43	03/03/11	03/10/11	8	Additional access to Tower M2-T2.
#44	03/16/11	03/18/11	8	Tower shift and access road to M2-T5.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 03/18/11)

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.

TEWS Request	Date Requested	Date Approved	Segment #	Description
#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.
#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 03/18/11)

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		

Description	Type ¹	Date	Location	
	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 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 Segment 4	
	Level 3			
	Biological Resource ESA (non-nesting) & Disturbance Areas: 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 02/23/11	Seg 7, Telecom Segment 8 Segment 8 Segment 7 Segment 8 Segment 8
		Level 2	03/05/11	Segment 8
		Level 3		
		Nesting: Buffer encroachment, unauthorized nest removal, inadequate notifications,	CPUC	06/02/10 06/04/10 01/26/11
	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			

Description	Type ¹	Date	Location
	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		
	Cultural/Paleontological Resources: 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			
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 03/01/11 03/01/11 03/01/11	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
	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			

Description	Type ¹	Date	Location
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, soil piles	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 03/03/11	Segment 5 Segment 8 Segment 8 Segment 8 Whirlwind Whirlwind Whirlwind Vincent North Yard
	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 03/18/11)

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: Plastic covering materials in Windhub Substation as bird deterrent, Segments 1-3.



Figure 2: H&M removing wire across Godde Hill Road, Segment 5.



Figure 3: Soil from new access road grading at Tower 42 being stockpiled at Tower 41, Segment 5.



Figure 4: Grubbing and grading at Whirlwind Substation, Segment 9.



Figure 5: Crews preparing to remove conductor across Interstate 605, Segment 7.



Figure 6: Crews drill a foundation for new 220 kV tower, Segment 8, Phase 2.



Figure 7: Crews spraying a soil binder for erosion control, Segment 8, Tonner Canyon.