



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 25, 2011
Subject: Weekly Report 164, March 13 to March 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 Work-space 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 included conductor stringing, installing disconnects, and major steel completion in the 500 kV area. Upcoming work includes filling the AA banks with oil.

No materials 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 is now being partially used to backfill the tower footing removal work on Segment 5. It may be potentially used as fill in the new Whirlwind Substation. An SCE office trailer for TRTP 4-11 has been installed adjacent to the spoil pile.
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.
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 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 submitted biological clearance sweeps for hydroseeding work on the east side of the Antelope Substation on March 19. No nests were found, but nesting behavior was observed. An additional survey prior to work hydroseeding was recommended.
2. SCE has developed a solution for the channel incision that occurred immediately downstream of the rip rapped 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 area, work included trenching and installation of the ground grid, constructing concrete forms for breaker foundations, drainage pipeline installation, application of gunnite to slopes, and perimeter fence installation.
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 24 through 29. H&M steel crews continued tower assembly work at Towers 38, 39, and 42. Access roads to new towers were bladed from Tower 24 to 33. The access road widening to 14 feet continued up to Avenue D. Tortoise fence installation continued at Intersect Towers M73-T3A and M74-T1B (just outside of the Whirlwind Substation).
3. Segment 5, Towers 1 to 47: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 17, 22, and 47. H&M steel crews worked at Towers 4 and 5. H&H Grading conducted minor work on the access road at Tower 42, which is now on hold due to engineering changes that are awaiting approval. Wreck-outs of the 220 kV towers continued (see Figure 1). BMP's (i.e. fiber rolls) were installed between Towers 25 and 29 north of Elizabeth Lake Road.
4. Segment 5, Towers 48 to Vincent Substation: Woodward Brothers conducted foundation work at Tower 50 (see Figure 2). An H&M steel crew continued tower assembly at Tower 67. Wreck-outs of the 220 kV towers occurred.
5. Segment 10 Telecom: No work occurred on the Rosamond to Windhub segment during this reporting period. Between Rosamond and Whirlwind, Griffin Construction conducted trenching along Rosamond Boulevard near 60th Street. The crew also continued splicing fiber in several locations along Rosamond Boulevard.
6. Whirlwind Substation: Moore Fence Company continued trenching and fence installation for the remainder of the substation. Grubbing is complete with the exception of the jurisdictional drainage in the northwest corner. Cattracts continued grading operations for the basement of the MEER building and the 220 kV area. Materials are being stored in the rocked laydown area in the southwest corner of the substation.

Environmental Compliance:

1. On March 16th, an SCE Level 3 NCR was issued because a construction vehicle drove approximately 500-feet outside of the approved work boundary at the wire setup site south of Tower M74-T1 on Segment 4. The vehicle traversed desert tortoise and Mohave ground squirrel habitat, and partially crushed two artificial burrowing owl burrows. As a result, an environmental stand down was held on March 17th at which time re-training was conducted for H&M and all of the subcontractors.
2. On March 16th, The Lead CPUC EM (LEM) observed water trucks leaving the Whirlwind Substation site and filling up with water at a property approximately 15 miles away. The CPUC LEM was told that the property owner from where the trucks were being filled up owns the water trucks and runs a water delivery service out of this location. The CPUC LEM noted two Cattracts (grading contractor for Whirlwind Substation) water towers had been placed on the property at two locations off of Backus Road (see Figure 3). There was noticeable recent vegetation grubbing at one water tower location, although it is unclear who conducted this work. No Variance had been requested to place the two water towers and both areas are adjacent to sensitive species habitat (desert tortoise and Mohave ground squirrel). The CPUC LEM contacted SCE immediately and let the Environmental Coordinator know that a Variance should have been requested prior to the placement of these towers and that if they remained, a Variance would have to be submitted for approval to use these areas. The water towers were removed from the property the following day.
3. 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.
4. 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.
5. Special-status species observed during the week by Biological Monitors included loggerhead shrike, northern harrier, Swainson's hawk, and ferruginous hawk.
6. Twenty new nests discovered this week included ravens, cactus wrens, loggerhead shrikes, great horned owl, and bushtit. SCE received CDFG concurrence on buffer reductions for four nests.
7. SCE received project wide concurrence from CDFG to have the SCE Biological Monitors establish reduced buffers for active nests within and immediately adjacent to active construction yards upon discovery.
8. SCE received CDFG concurrence to remove a partially built house finch nest in the Racetrack Yard on March 14.
9. The CPUC EM contacted the SCE Lead Biological Monitor for Segment 5 on March 14 to report gaps in the bird netting in the Rodeo Yard. A sparrow was observed perched on a rebar cage within the netting.
10. SCE requested concurrence from CDFG on the access road berm clarification on March 8. A road berm is defined as being greater than 12" high with a slope of greater than 30 degrees.
11. SCE requested concurrence from CDFG in regards to the tortoise fence installation along access roads on Segments 4 & 10. CDFG requested further clarification on minimum and medium improvement roads. SCE provided clarification on March 17.
12. Repairs were made to the access road capping south of Avenue D on Segment 4.
13. SCE reported an unanticipated discovery on March 14 when several historical artifacts were discovered during foundation removal work at an existing tower on Segment 5.
14. SCE reported an unanticipated discovery on March 19 when several small animal bone fragments were found in the spoils during foundation excavation in the central/west end of the Whirlwind Substation.

Six Level 1 SCE NCR's, three Level 2 SCE NCR's, and one Level 3 SCE 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, 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. SCE received CDFG concurrence for a reduced active bird buffer in the Vincent North Material Yard.
2. PAR has installed a large netted parking area in the Vincent South Yard to deter nesting birds (see Figure 4).

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. Thirty-one of fifty-four foundations are now complete. Wilson crews also continued overhead and underground work on the Rio Hondo Substation to Ramona Boulevard overhead portion of the Rio Hondo-Amador-Jose-Mesa 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. The Rio Hondo Substation to Ramona Boulevard portion of the work is now complete. SCE crews worked on the overhead portion of the Walnut-Hilgen-Industry-Mesa-Reno line and on the Rio Hondo-Amador-Jose line in Gallo's Nursery in the City of El Monte. Crews set poles and strung conductor.
2. Segment 7: Tri-State continued drilling one foundation in the City of Duarte (see Figure 5). Wilson crews assembled and erected pole M28-P1 (see Figure 6) and strung conductor, utilizing a helicopter. DCX crews continued foundation demolition and tower shearing, and began grading at Van Tassel Mountainway.
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 line. Additionally, crews performed some minor grading and tower pad recontouring.

4. Segment 8, Phase 2: Wilson crews continued assembly work at five towers on the 220 kV 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, and an American Construction crew installed fences.

Environmental Compliance:

1. SCE received project wide concurrence from CDFG to have the SCE Biological Monitors establish reduced buffers for active nests within and immediately adjacent to active construction yards upon discovery.
2. There was a 1.6 gallon hydraulic fluid spill at the Mesa Material Yard on March 14th. The spill was cleaned up and the contaminated soil disposed of.
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. The CPUC EMs received twelve preconstruction surveys and sweeps for construction on both Segments 7 and 8 during the subject period. During field verifications for these sites, the CPUC noted absent staking and ambiguous ESA flagging at some locations. The CPUC EMs also contacted SCE on March 18th about concerns with the timeliness of surveys and sweeps.
5. SCE reported an unanticipated discovery on March 18th when a bone fragments was found during the removal of a fence on Segment 8, Phase 2.
6. The CPUC EM contacted Wilson Environmental on March 18th about fugitive dust between Towers M5-T4 and M5-T3. The CPUC EM observed a large crane being moved along a dirt road between the two locations without advance watering along the road. The road is flanked with private residences; the CPUC EM issued a verbal warning for this incident.
7. Special-status species observed during the week by Biological Monitors included burrowing owl, peregrine falcon, and a sharp-shinned hawk. 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. Eighty new nests discovered on Segments 7 and 8 included burrowing owl burrows, house sparrow nests, 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 twenty-one nests.

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

Agency Representatives during Construction (other than CPUC EMs):

None

CPUC NOTICES TO PROCEED (NTPS) & ANF PERMITTING

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

TABLE 1
CPUC NTPs & ANF PERMITTING
 (Updated 03/25/11)

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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#7 Mod	08/20/10	08/20/10	8	Minor re-routes to Segment 8 Telecom
#8	04/27/10	06/04/10	8	Segment 8 Contractor Yards
#9	07/21/10	07/29/10	7	Segment 7 Contractor Yards
#10	04/08/10	08/03/10	7, 8	66 kV re-route and relocation
#10 Mod	01/28/11	02/04/11	7	Replace 14 existing wooden H-frames poles with steel H-frame poles in order to support the double 66 kV circuit..
#10 Mod	12/03/10	Retracted by SCE	8	Change the design of the 66 kV line entry into the Chino Substation from underground to overhead. Visual simulation pending.
#10 Mod	03/15/11	03/22/11	7	Removal and replacement of 21 wood poles with lightweight steel poles within Rio Hondo Substation.
#11	05/08/10	08/12/10	8	Segment 8 Transmission Line, Chino Hills, Phase I
#12	07/28/10	08/20/10	4, 5, 10	Segment 4, 5, 10 Contractor Yards
#13	07/19/10	08/24/10	8	Segment 8 Transmission Line, Phase 2 and 3
#14	08/25/10	09/03/10	4	Partial Transmission Line work associated with an LADWP outage
#15	08/13/10	09/10/10	5	Segment 5 Transmission Line
#15 Mod	03/08/11	03/14/11	5	Modification of FOC alignment
#16	08/30/10	09/13/10	4	Segment 4 Transmission Line
#17	08/10/10	09/24/10	7	Segment 7 Transmission Line
#17 Mod	01/13/11	02/25/11	7	Segment 7 66 kV wreckouts.
#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	03/17/11	9	Bridge construction to access Whirlwind substation.
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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
		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 03/25/11)

Variance Request	Date Requested	Date Issued	Segment #	Description
Variance Requests, Segments 1-3				
<i>For Variance Request activity on Segments 1-3 prior to 2010, please see Table 2 in Weekly Reports 106-107.</i>				
VR #66	01/11/10	01/19/10	1	Modify the requirements of Mitigation Measure B-1a (Provide Restoration/Compensation for Impacts to Native Vegetation Communities) to fulfill a request from the property owner.
VR #67	01/15/10	01/19/10	3A	Modify requirements of Mitigation Measure B-27b and APMs BIO-2 and BIO-7 to preserve cut Joshua trees onsite instead of off-site disposal to the extent possible for habitat creation purposes.
VR #68	04/09/10	04/12/10	1	Release restoration requirements on road to wreck-out tower 20-4 in Section 3.
VR #69	05/04/10	05/07/10	1	Contractor Yards surrounding Antelope Substation.
VR #69 MOD	07/29/10	08/02/10	1	Additional space for storage at Antelope Substation for material being delivered for Antelope, Vincent and Whirlwind substations.
VR #70	06/02/10	06/04/10	1	Additional disturbance areas adjacent to the pole erections for the 220 kV Sagebrush relocation work around the Antelope Substation.
VR #71	06/22/10	06/23/10	1	Change in construction work hours for work on the Sagebrush 220 kV transmission line.
VR #71 MOD #1	06/24/10	06/25/10	1	Expansion of construction hours for Sagebrush 220 kV T/L and foundation installation work at Antelope Substation.
VR #71 MOD #2	07/08/10	07/09/10	1	Further expansion of construction hours for Antelope Substation construction.
VR #71 MOD #3	11/18/10	11/19/10	1	Further expansion of construction hours for Antelope Substation construction.
Variance Requests, Segments 4-11				
VR #1	03/25/10	03/26/10	9-Vincent	Expand grading area of Vincent substation by 15 feet for temporary turn around areas for equipment.
VR #2	05/25/10	05/27/10	7	Relocation of helicopter landing zone for Segment 7 telecommunications work.

Variance Request	Date Requested	Date Issued	Segment #	Description
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.
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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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).
#35	2/14/11	2/14/11	8	Access to additional wire setup sites between Oaks Avenue and Tower M46-T7b.
#36	2/14/11	2/15/11	10 Telecom	Move two wood poles approximately 5 feet out of the drainage along Oak Creek Road.
#37	2/19/11	2/24/11	6	Modification to Yard 75 boundaries.
#38	2/23/11	2/25/11	8	Expansion of wire site for Phase 4 work.
#39	03/01/11	03/03/11	All Yards	Replace fence fabric screening with slats for safety reasons during high wind events.
#40	03/02/11	03/03/11	5	Additional access road to Construct 29.
#41	03/04/11	03/08/11	5	Additional access road improvements.
#42	03/04/11	03/08/11	4	Additional access road improvements.
#43	03/03/11	03/10/11	8	Additional access to Tower M2-T2.
#44	03/16/11	03/18/11	8	Tower M2-T5 and access road shift within SCE ROW
#45		03/25/11	5	Additional soil stockpiling areas.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 03/25/11)

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 turn around 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 turn around 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 03/25/11)

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 03/07/11 03/11/11 03/15/11 03/15/11 03/16/11	Mesa Yard Racetrack CY Segment 4 (2) Segment 8 Segment 5 Segment 4 66 kV Segment 8 Segment 8 Segment 8(2) Whirlwind Segment 8 Whirlwind Racetrack Segment 4
	Level 2	06/13/10 01/12/11 02/16/11 02/17/11 02/18/11 02/18/11 02/19/11 02/21/11 02/21/11 02/25/11 02/25/11 02/25/11 02/25/11 03/09/11 03/10/11 03/15/11 03/16/11	Seg 7, Telecom Segment 4 Segment 7 Segment 7 Segment 7 Segment 7 66 kV Segment 7 Segment 4 Segment 4 Segment 4 Segment 4 Segment 4 Segment 4 Segment 5 Segment 5 Segment 4 Segment 4
	Level 3	03/16/11	Segment 4

Description	Type ¹	Date	Location
Biological Resource ESA (non-nesting) & Disturbance Areas: ESA buffer encroachment, work with no biological monitor present, work starting prior to daily biological sweep	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 03/09/11 03/15/11	Seg 7, Telecom Segment 8 Segment 8 Segment 7 Segment 8 Segment 8 Segment 5 Whirlwind
	Level 2	03/05/11 03/15/11	Segment 8 Segment 5
	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, improper bird netting installation/gaps in netting, road improvement in tortoise habitat,		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 03/08/11 03/10/11 03/18/11	Vincent Vincent Racetrack CY Racetrack CY Segment 8 Segment 5 Segment 8 Segment 8 Whirlwind Whirlwind Rancho Vista MY Whirlwind Whirlwind Segment 5 Rodeo Rodeo Segment 4
	Level 2	03/08/11	Whirlwind
	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 03/01/11 03/01/11 03/01/11 03/08/11 03/09/11	Mesa Yard Segment 8 Segment 8 Mira Loma CY Vincent 66 kV Racetrack CY Segment 5 Segments 6 & 11 Segment 4 Segment 4 Segment 4 Racetrack Segment 5	
Level 2				
Level 3				
Fuel/Hazardous Materials: Spills, no/inadequate secondary containment and labeling,		CPUC	05/28/10	Windhub
		Level 0		
	Level 1	12/10/10 02/03/11 02/09/11 03/07/11	Racetrack CY Segment 7 Mira Loma CY Whirlwind	
	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			

Description	Type ¹	Date	Location
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	Segment 5
		02/02/11	Segment 8
		02/09/11	Segment 8
		02/10/11	Whirlwind
		02/11/11	Whirlwind
02/19/11	Whirlwind		
03/03/11	Vincent N. Yard		
03/07/11	Whirlwind		
03/14/11	Whirlwind		
03/15/11	Whirlwind		
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 03/25/11)

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	Issued 02/24/11 Withdrawn 03/24/11	Project Wide	No notification of wildlife entrapment/mortality from bird deterrent netting.

PROJECT PHOTOGRAPHS



Figure 1: Wreck-out of existing 220 kV Tower M65-T1, Segment 5.



Figure 2: Woodward Brothers drilling foundations at Tower 50, Segment 5.



Figure 3: Cattracs (Whirlwind grading contractor) water tower placed on private property adjacent to Backus Road.



Figure 4: Netted parking area to deter nesting birds in Vincent South Material Yard, Segments 6 & 11.



Figure 5: Crews pouring concrete at a TSP foundation within Hacienda Park in the City of Duarte, Segment 7.



Figure 6: Crews erecting a double circuit TSP in the City of Duarte, Segment 7.



Figure 7: Crews erect a double circuit lattice steel tower (LST) in the City of Chino, Segment 8, Phase 2.