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

To: John Boccio, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: April 6, 2011
Subject: Weekly Report 165, March 20 to March 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 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.
3. No materials were stored in the laydown yard at the Antelope Substation during this reporting period. The spoil pile in front of the Antelope construction trailers 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.
4. Construction activities at the Windhub Substation included structural steel work and capacitor bank work in the 500 kV area, ground grid work in the 220 kV area, pouring of concrete footings, and reactor wall foundation work. The remaining transformers were delivered.
5. Material for Segment 3B and the future Whirlwind Substation is being stored at the Highwind Yard.
6. 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.



7. Revegetation for Segments 2 and 3A started in mid-February. Currently, crews are decompacting, weeding, and hydroseeding project disturbance areas.

ENVIRONMENTAL COMPLIANCE:

1. Restoration crews decompacting the south side of the Antelope Substation (outside of the perimeter wall) were temporarily stopped on Monday the 21st. The Biological Monitor noted that this work had taken place before the biological clearance surveys were completed in this area. SCE submitted an incident summary which included corrective actions taken. A biological clearance sweep was submitted and the restoration work continued.
2. SCE received CDFG concurrence on March 24th to remove a partially built house finch nest from a boom truck within the Antelope Substation.
3. The CPUC EM met with the Burns & McDonnell biologist to look at the restoration work that occurred on the east and south side of the Antelope Substation expansion (see Figure 1).
4. 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 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 20-23 and 46. H&M steel crews continued tower assembly work at Towers 30-32, 48, 51, and 52. Access roads to new towers were bladed from Tower 5 to 10. BMP's (i.e. fiber rolls) were installed from Tower 19 to 22. Tortoise fence installation continued at Interset Tower M74-T1B (just outside of the Whirlwind Substation) and Tower 20 (see Figure 2).
3. Segment 5, Towers 1 to 47: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 22, 46, and 47. H&M steel crews worked at Towers 3, 4, 6, 7, 10, and 13. Wreck-outs of the 220 kV towers and tower footing removal continued. BMP installation and maintenance occurred at various towers throughout the segment.
4. Segment 5, Towers 48 to Vincent Substation: Woodward Brothers conducted foundation work at Tower 50. Steel was delivered to Tower 58A. Wreck-outs of the 220 kV towers continued. BMP installation and maintenance occurred at various locations.

5. Segment 10 Telecom: No work occurred on the Rosamond to Windhub portion during this reporting period. Between Rosamond and Whirlwind, Griffin Construction continued splicing fiber and placing anchors in several locations along Rosamond Boulevard.
6. Whirlwind Substation: Moore Fence Company continued trenching and fence installation for the remainder of the substation. Grubbing of the jurisdictional drainage in the northwest corner was completed once the necessary permits were acquired (see Figure 3). Cattracts continued grading operations in the 220 kV area. Water in the MEER excavation continued to be pumped into Baker tanks (see incident information below). Materials are being stored in the rocked laydown area in the southwest corner of the substation.

Environmental Compliance:

1. On March 21st, SCE reported a spill greater than 16 ounces that occurred in the Whirlwind Substation. Diesel fuel from a forklift and generator, and human waste from portable toilets contaminated rain water that inundated the MEER building excavation area with approximately 3 feet of water (see Figure 4). Patriot Environmental conducted the clean-up effort which involved pumping the water into Baker tanks that were brought to the site. SCE notified CDFG in regards to working during the night hours within the substation.
2. The CPUC LEM and EM spoke to the SCE Lead Biologist for Antelope Valley project construction concerning the daily entrapment inspections of open trenches as stipulated in the 2081 CDFG permit.
3. The CPUC was informed by SCE that Interset Tower M73-T3A on Segment 4 needs to be shifted 300 feet to the west. The tortoise fence that was previously installed at this location has now been removed and the trench backfilled. SCE will submit additional information to the CPUC for this new tower location and include CDFG and USFWS on the change request, since the area is covered under both agencies permits.
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 loggerhead shrike, northern harrier, Swainson's hawk, ferruginous hawk, burrowing owl, Le Conte's thrasher, long-eared owl, desert kit fox, and white-tailed kite.
7. Thirteen new nests discovered this week included ravens, house finch, great-horned owl, and burrowing owl. SCE received CDFG concurrence on buffer reductions for five nests.
8. SCE received CDFG concurrence to remove a partially built starling nest from a crane that is staged within the Rodeo Yard. When the Biological Monitor went to remove the nest, it was discovered that the nest was no longer there. Starlings are not protected under the Migratory Bird Treaty Act (MBTA).
9. The CPUC EM verified Environmentally Sensitive Area (ESA) flagging and disturbance staking from Whirlwind Substation to Tower 76 on Segment 10. Approval was provided to SCE.

Three Level 1 SCE NCR's were issued during the subject period for TRTP Segment 4, 5 and 10 construction activities (see Table 4). No CPUC Project Memoranda or NCR's were issued for Segments 4, 5, and 10 during this reporting period. Non-Compliance activities for the project to date are summarized in Tables 4 and 5.

Agency Representatives during Construction (other than CPUC EMs):

None

SEGMENTS 6 AND 11 - ANGELES NATIONAL FOREST

Summary of Activity

1. The Final EIS was released by the Angeles National Forest (ANF) on September 14, 2010. The ANF Record of Decision was issued on October 4, 2010, and the Special Use Permit is anticipated for release in 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 to reduce a red-shouldered hawk nest buffer in order to conduct staging activities along Encanto Road for Segment 6 invasive weed control work.
2. PAR has installed a large netted parking area in the Vincent South Yard as a nesting bird deterrent.

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, though work was delayed by rain (see Figure 5). Crews drilled holes and placed cages. Thirty-one of fifty-four foundations are now complete. SCE crews worked on the overhead portion of the Walnut-Hilgen-Industry-Mesa-Reno line and within the Duck Farm, pulling conduit.
2. Segment 7: Tri-State began preparation to drill a foundation within the Duck Farm in the City of South El Monte. Wilson crews assembled and erected M28-P2 (see Figure 6) and removed wire from M34-T4 through M35-T2 across the Interstate 10 freeway. DCX crews continued 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 of two foundations for the new double circuit 500 kV Mira Loma-Vincent. Additionally, crews performed some minor grading and tower pad recontouring.
4. Segment 8, Phase 2: Wilson crews continued assembly work at two towers on the 220 kV Chino-Mira Loma No. 1 line. Tri-State and DCX crews drilled foundations at two tower locations. Additionally, DCX crews continued to mow within disturbance areas around towers and wire setup sites, and an American Construction crew installed fences.
5. Segment 8, Phase 4: DCX crews began vegetation removal at Tower M29-T1B within Pathfinder Park in the City of Rowland Heights.

Environmental Compliance:

1. SCE requested a reduced vertical helicopter buffer to 100 feet from CDFG for several active bird nests within the City of Chino along Segment 8, Phase 2, in anticipation of wire stringing. CDFG requested data on the effects of the helicopter on each nest.
2. The CPUC EM inquired about two nest notifications for brown-headed cowbird nests seen in FRED. As brown-headed cowbirds forgo building nests in favor of using others, the CPUC EM asked for clarification and whether SCE would be enacting 300-foot disturbance-free buffers for nests parasitized by cowbirds. SCE replied that the nests had been mistakenly recorded as cowbird nests and not the host nests (the nest host species were unknown), and that SCE would implement the appropriate sized buffer for all nests, including parasitized nests.
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. A woodrat nest was detected within 8 feet of where vegetation was being removed at Tower M29-T1B. A 10-foot buffer was established and the incident was recorded.
5. The CPUC EMs received six preconstruction surveys and sweeps for construction on both Segments 7 and 8 during the subject period. The CPUC EMs observed recently topped trees underneath power lines in Pathfinder Park while conducting the field verification for Tower M29-T1B. The trees had been cut by an SCE right-of-way clearance crew (see Figure 7) two days before TRTP crews mobilized to this area.
6. Special-status species observed during the week by Biological Monitors included burrowing owl, coastal California gnatcatcher, and loggerhead shrike.
7. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. Forty-one new nests discovered during the subject week on Segments 7 and 8 included: Allen's hummingbird nests, house sparrow nests, bushtit nests, killdeer nests, mourning dove nests, American crow nests, and northern mockingbird nests. CDFG provided concurrence of buffer reductions for eighteen nests.

Three SCE Level 1 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 04/06/11)

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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#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	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 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	03/17/11	9	Bridge construction to access Whirlwind substation.

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
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 04/06/11)

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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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
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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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).
#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-T5and access road shift within SCE ROW
#45	03/22/11	03/25/11	5	Soil Stockpile areas at three locations
#46	03/25/11	04/04/11	7	Temporary disturbance areas for underground disturbance, 66 kV
#47	04/05/11	04/06/11	8	Wire Setup Sites for Tower M2-T2.
	03/29/11	Under Review	8	Water bar repair and construction.

Variance Request	Date Requested	Date Issued	Segment #	Description
	04/05/11	Under Review	8	Turnouts along Sanome Mountain Way.
	04/06/11	Under Review	5, 8	Start of construction prior to Los Angeles County Public Works grading permit issuance.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 04/04/11)

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
#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.

TEWS Request	Date Requested	Date Approved	Segment #	Description
#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
#24	3/31/11	3/31/11	5	Additional parking on SCE roads near tower 50.

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 03/26/11)

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 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	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, 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 03/23/11	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 Material Yard 28	
	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 03/22/11	Segment 5 Whirlwind Segment 4	
	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 03/22/11(2) 03/23/11 03/25/11	Mesa Yard Segment 8 Segment 8 Mira Loma CY Vincent 66 kV Racetrack CY Segment 5 Segments 6 & 11 Segment 4 Segment 4 Segment 4 Racetrack Segment 5 Segment 8 Segment 8 Segment 4	
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
		02/09/11	Whirlwind
		02/10/11	Whirlwind
02/11/11	Whirlwind		
02/19/11	Vincent N. Yard		
03/03/11	Whirlwind		
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 04/06/11)

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			
NCR	Issued 02/24/11 Withdrawn 03/24/11	Project-wide	No notification of wildlife entrapment/mortality from bird deterrent netting.
CPUC Project Memoranda (PM)			
PM	04/27/10	Segment 3A	Delivery of equipment to Tower 43 within an ESA without monitors present.
PM	06/23/10	Segment 8 West CY	Vegetation clearing without preconstruction biological or clearance surveys within TRTP right-of-way.
PM	02/16/11	Project-wide	No notification provided on 10 separate Level 0 incidences.
PM	02/16/11	Segment 7	Construction crews entered area prior to sweep being field validated by CPUC EM.

PROJECT PHOTOGRAPHS



Figure 1: View of the east side of the Antelope Substation expansion that was recently prepped for seeding.



Figure 2: Tortoise fence installed around Tower 20 disturbance area, Segment 4.



Figure 3: Grubbing of jurisdictional drainage in Whirlwind Substation, Segment 9.



Figure 4: MEER excavation with 3-feet of stormwater in Whirlwind Substation, Segment 9.



Figure 5: Crews work on a riser foundation, Segment 8 66 kV in the City of Chino.



Figure 6: New tubular steel poles and lattice tower in the City of Duarte, Segment 7.



Figure 7: Recently topped trees, Segment 8, Phase 4, within Pathfinder Park.