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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: February 11, 2011
Subject: Weekly Report 158, January 30 to February 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, respectively.

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

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

Summary of Activity:

1. Construction of Segments 1, 2, and 3A has been completed. Construction of Segment 3B, from Windhub Substation to and including Highwind Substation, has not started and no schedule has been developed by SCE.
2. Construction activities in the Antelope Substation expansion consisted of the following:
 - Grading and civil work continued;
 - Approximately 90% of the ground disturbing activity is complete;
 - Steel and electrical construction continued;
 - Hydroseeding around the perimeter of the substation to begin soon.

Poles for Segment 3 were stored in the laydown yard during this reporting period. The spoil pile in front of the Antelope construction trailers remains active (i.e., soil from the expansion is being added to the pile) and in the near future, it will be graded level and covered with gravel. It may be potentially used as fill in the new Whirlwind Substation. An SCE office trailer for TRTP 4-11 has been installed adjacent to the spoil pile.

3. Construction activities at the Windhub Substation included structural steel work for the 500 kV rack and conduit installation in the 220 kV area. Two transformers were delivered. By the end of the month, steel work will begin in the 220 kV area.
4. Material for Segment 3B and the future Whirlwind Substation is being stored at the Highwind Yard.



5. Habitat restoration has not been completed in Segment 1. ECORP and Nature's Image are conducting maintenance activities including weeding in areas previously seeded. Wire Stringing Site 3 on Segment 1 still requires treatment.
6. Revegetation for Segments 2 and 3A started in mid-February 2011.

ENVIRONMENTAL COMPLIANCE:

1. SCE has developed a solution for the channel incision that occurred immediately downstream of the riprapped stream channel at the Windhub Substation site for which an Addendum was approved by the CPUC. SCE is also reviewing the need for a modified Streambed Alteration Agreement for the effort.

No Non-Compliance Reports or Project Memoranda were issued for Segment 1-3 construction activities during the subject period. Non-Compliance activities for the project to date are summarized in Table 4.

AGENCY REPRESENTATIVES DURING CONSTRUCTION (OTHER THAN CPUC EMS):

None

TEHACHAPI RENEWABLE TRANSMISSION PROJECT (TRTP) SEGMENTS 4-11

The SCE Tehachapi Renewable Transmission Project was evaluated in accordance with the California Environmental Quality Act and a Certification of Public Convenience and Necessity (CPCN) was granted by the CPUC on December 17, 2009.

SEGMENTS 4, 5, AND 10 - ANTELOPE VALLEY

Summary of Activity

1. Inside the Vincent Substation, forms and foundations were installed in the 220 kV area. Cable trenching also occurred in the 2X position and 220 kV area. In the Vincent expansion area, circuit breaker cabs were installed for the shunt capacitors. The Foreston Road realignment is complete and road base was added to a portion of the road. Rock was installed in the 3X and 4X positions for future expansion.
2. The Racetrack Yard is currently in use for contractor equipment storage and parking. Contractor (H&M) office trailers are completely setup for daily operations. Material delivery continued at Material Yard 28. The Rodeo Yard is currently in use for contractor equipment storage and parking. The Avenue F Yard is now in use for equipment storage and maintenance work is being conducted inside the building.
3. Segment 4: KV Structures (drilling contractor) continued drilling, setting rebar cages using a spider jig for stub angle placement, and concrete pouring at Towers 55, M88-T1B, M88-T1D, 3A-102, and 3A-103 (behind the Antelope Substation). Work has not occurred at all tower locations due to equipment not being able to stay within the access road limits because of narrow roads and 90 degree turns. H&M steel crews continued tower assembly work at Towers 37, 41, 42, and 43. H&H Grading flattened the windrows of soil along the new access roads under SCE direction.
4. Segment 5, Towers 1 to 47: Woodward Brothers (drilling contractor) continued drilling, setting rebar cages, and concrete pouring at Towers 2, 5, 6, 7, 12, 13,14, and 17 (see Figure 1). Wreck-outs of the existing 220 kV towers continued. An H&M wire crew unclipped wire and installed travelers at Towers 2 and 3, and between Towers 17 and 22. Wire removal was conducted from Tower 17 to 24. H&H Grading installed BMP's and conducted road improvements between Towers 26 and 29.
5. Segment 5, Towers 48 to Vincent Substation: Conductor removal from Towers 44 to 51 began on Thursday, February 3rd. H&M steel crews continued tower assembly at Towers 63 and 64.
6. Segment 10 Telecom: H&M crews completed cable arm installation between the Rosamond and Windhub Substations. The work was rechecked in preparation for pulling of fiber optic cable (FOC) next week. A total of 22 poles were installed along Oak Creek Road and 90th Street.

7. Whirlwind Substation: Moore Fence Company mobilized on Monday, January 31st. Equipment and materials for tortoise fence installation and dust suppression was staged within the substation boundaries. Equipment scraped the 15-foot temporary disturbance area to provide a cleared and level work area for the trenching and fence installation (see Figure 2).

Environmental Compliance:

1. The SCE biological monitors installed ESA signs between the existing t-posts at several wire setup sites near the Antelope Substation as an additional compliance measure to ensure work activities stay within the approved project boundaries on Segments 4 and 5.
2. The CPUC EM verified disturbance staking and ESA flagging from Tower 23 to 32 on Segment 4. Comments and questions were provided to SCE.
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.
5. SCE relocated two woodrat middens near TSP 1 in the Vincent Expansion area in order to remove old tower foundations.
6. SCE received CDFG concurrence to proceed with wire removal in association with an outage near an active red tail hawk nest between Towers 18 and 19 on Segment 5. The nest is in wreck-out structure M64-T1.
7. SCE received CDFG concurrence on January 27th to remove 8 inactive nests within the Segment 5 Transmission Line right-of-way.
8. There are a total of 12 active nests on Segments 4 and 5. A single burrowing owl was observed on January 31st near Tower 2 on Segment 5. The burrow is not in a disturbance area and is behind the Antelope Substation. A 50-foot ESA buffer had been previously established at this burrow.
9. A Level 1 SCE NCR was issued on February 1st for ground disturbing activities starting at Whirlwind Substation without a paleontological monitor being present.
10. SCE informed Aspen that the existing topsoil pile in the Vincent Expansion area was moved approximately 200 feet to allow the completion of road construction.

One Level 1 SCE Non-Compliance was issued during the subject period for TRTP construction activities. No CPUC Non-Compliance Reports or Project Memoranda were issued for Segment 4, 5 & 10 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

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 early-2011. Construction is expected to begin in May 2011.

2. Vincent North and South Material Yards: During the subject period, minor grading, trailer installation, and watering for dust control occurred in the North Yard and wash rack placement occurred in the South Yard (see Figure 3).
3. No site preparation work has commenced at Material Yard 75 South.

Environmental Compliance

No SCE Non-Compliances were issued during the subject period for TRTP construction activities. No CPUC Non-Compliance Reports or Project Memoranda were issued for Segment 6 and 11 construction activities during the subject period. Non-Compliance activities for the project date are summarized in Table 4.

SEGMENTS 7 AND 8 - LOS ANGELES AND SAN BERNARDINO COUNTIES

Summary of Activity

1. Segments 7 & 8, 66 kV: During the subject period, underground work continued on the Rio Hondo–Amador-Jose-Mesa line along Durfee Road in South El Monte. Work included paving and clean-up. Wilson crews continued work on the foundations for riser and non-riser poles on the Mesa-Anita line. Crews drilled holes and placed cages. Wilson and SCE crews also continued work on the Rio Hondo Substation to Ramona Boulevard overhead portion of the Rio Hondo–Amador-Jose-Mesa and the Rio-Hondo Amador/Rio Hondo-Anita No. 2 line in the City of Irwindale. Work included setting new poles, installing conductors, and stringing wire, as well as removing old wooden poles. Additionally, SCE crews continued work on setting poles and installing conductors. The poles were set on foundations previously drilled/set by Wilson. SCE crews also worked in vaults on the Duck Farm, preparing conduit.
2. Segment 7: DCX finished clearing vegetation at M27-T4 in the City of Duarte and Tri-State began drilling the foundation for Tower M54-T3a. Wilson crews began prepping towers for wire removal.
3. Segment 8, Phase 1: Wilson, DCX and Tri-State crews continued to work within Tonner Canyon in the City of Industry. Crews hauled dirt to the 57 shoofly and drilled for foundations for three of the new double circuit 500 kV Mira Loma-Vincent structures. Additionally, crews repaired an asphalt access road. Crews continued work within the City of Chino Hills, removing conductor from Tower M62-T1 through M60-T3 and unbolting six towers (see Figure 4). DCX began shearing unbolted towers and excavating footers.
4. Segment 8, Phase 2: Wilson crews continued erection work at four towers on the Chino-Mira Loma No. 1 line. Tri-State and DCX drilled foundations at seven tower locations (see Figure 5). Additionally, DCX crews continued to mow within disturbance areas around towers and wire setup sites.
5. Segment 8, Phase 4: Crews began installing fencing and preparing the Fullerton Contractor Yard in the City of Rowland Heights (see Figure 6).

Environmental Compliance:

1. Special-status species observed during the week by biological monitors included coastal California gnatcatcher, burrowing owl, northern harrier and golden eagle.
2. Bird nesting clearance surveys are being conducted in advance of construction as required by adopted mitigation measures. New nests discovered on Segments 7 and 8 included three hummingbird nests, three red-tailed hawk nests and one red-shouldered hawk nest. Some of the nests have had only preliminary observation by helicopter. CDFG provided concurrence of buffer reductions for three nests.
3. Burrowing owl relocation activity within Ayala Park in the City of Chino continued, with the daily collapsing of burrows. None of the collapsed burrows were occupied. Monitors continue to observe two (presumed paired) owls at the artificial burrow location created by ICF and Wilson two weeks ago.

4. The CPUC EM spoke with the Segment 7 CH2MHill monitor about environmental monitoring at the Rio Hondo Substation Yard (approved under VR #17) on February 1st. He indicated that he is not currently monitoring the yard for environmental compliance; however weekly biological sweeps were occurring. Moving forward, both biological and general mitigation compliance sweeps will be occurring on a weekly basis.
5. SCE relocated several San Diego woodrat nests within the 200 x 200-foot disturbance area at Tower M27-T4, Segment 7.
6. On a site visit to Fullerton Contractor Yard on February 2nd, the CPUC EM noted that the fencing contractor was accessing the site via an adjacent school/church parking lot not approved for construction. The biological monitor on-site told the CPUC EM that the crews did not have proper keys to access the yard. The CPUC EM called Wilson construction and asked them to provide keys to the contractor.
7. CDFG provided concurrence to remove an inactive red tailed hawk nest on Segment 8, Phase 4; however it was later realized that the nest location was on an adjacent, non-TRTP tower.
8. In an email sent to SCE on February 2nd, the CPUC EMs asked (1) whether construction activity on the Segment 8 Phase 4 Fullerton shoofly would commence prior to the coastal California gnatcatcher breeding season (March-August) in accordance with the USFWS Biological Opinion, (2) whether the project component contains occupied habitat, and (3) SCE was asked to provide updated resource maps that show critical habitat for the California gnatcatcher. SCE responded that they were managing the area as occupied, that all construction activity within critical habitat would occur prior to the breeding season, and that they would provide updated resource maps.

A total of five SCE Level 1 NCR were issued during the subject period. No Non-Compliance Reports 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 Table 4.

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 02/11/11)

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
CPUC NTPs, Segments 1-3				
<i>For CPUC NTP and Addendum activity on Segments 1-3 prior to 2010, please see Table 1 in Weekly Reports 106-107.</i>				
#26	12/18/09	01/05/10	1	Expansion of Antelope Substation.
CPUC Addendum	12/21/09	01/19/10	1	Permanent AR 19 and access road to Const 34A.
CPUC Addendum	12/21/09	01/19/10	1	Permanent refueling basin at Hydrant Yard.
#27	12/23/09	01/05/10	3B	Oak Peak Communication Site
CPUC Addendum	01/25/10	02/01/10	2	Reclassification of two temporary roads to permanent and relocation of transposition poles.

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
Revised CPUC Addendum	02/10/10	02/19/10	2	Relocate two previously approved transposition towers from Const 110 to Const 105.
#28	02/10/10	02/18/10	3B	Highwind Marshalling Yard
#29	02/10/10	03/02/10	1	Relocation of the Sagebrush Transmission Line at the Antelope Substation expansion area.
CPUC Addendum	03/17/10	03/26/10	3A	Vertical mulching, capping of a portion of the existing roadway, and making this overland route a permanent access for SCE operations and maintenance to Const 43.
CPUC Addendum	04/06/10	04/27/10	3B	Elimination of transposition towers in Segment 3B.
CPUC Addendum	04/16/10	04/22/10	1	Installation of fiber optics surrounding the Antelope Expansion.
CPUC Addendum	05/25/10	06/04/10	1	Permanent overland travel routes for Operation and Maintenance inspections.
CPUC Addendum	05/25/10	06/04/10	2	Permanent overland travel routes for Operation and Maintenance inspections.
CPUC Addendum	11/23/10	12/14/10	Windhub Substation	Place additional riprap at the channel outlet at Windhub Substation, to mitigate for downstream erosion resulting from 2009/2010 rains.
CPUC NTPs Segments 4-11				
#1	01/13/10	02/11/10	4, 5, 10	Yard 28
#2	01/28/10	03/10/10	9	Vincent Substation Expansion
#3	03/09/10	04/01/10	7,8	Rancho Vista Yard
CPUC Addendum	04/09/10	04/19/10	9	Changes to Substation components.
#4	01/27/10	04/26/10	7, 8	Segment 7 and 8 Cell Sites
#5	01/27/10	04/30/10	7	Segment 7 Telecom
#6	03/29/10	05/12/10	7,8	Mesa Materials Storage Yard
#7	05/12/10	05/28/10	8	Segment 8 telecommunications.
#7 Mod	08/20/10	08/20/10	8	Minor re-routes to Segment 8 Telecom
#8	04/27/10	06/04/10	8	Segment 8 Contractor Yards
#9	07/21/10	07/29/10	7	Segment 7 Contractor Yards
#10	04/08/10	08/03/10	7, 8	66 kV re-route and relocation
#10 Mod	01/28/11	Under Review	7	Replace 14 existing wooden H-frames poles with steel H-frame poles in order to support the double 66 kV circuit..
#10 Mod	12/03/10	Under Review	8	Change the design of the 66 kV line entry into the Chino Substation from underground to overhead. Visual simulation pending.
#11	05/08/10	08/12/10	8	Segment 8 Transmission Line, Chino Hills, Phase I
#12	07/28/10	08/20/10	4, 5, 10	Segment 4, 5, 10 Contractor Yards
#13	07/19/10	08/24/10	8	Segment 8 Transmission Line, Phase 2 and 3
#14	08/25/10	09/03/10	4	Partial Transmission Line work associated with an LADWP outage
#15	08/13/10	09/10/10	5	Segment 5 Transmission Line
#16	08/30/10	09/13/10	4	Segment 4 Transmission Line
#17	08/10/10	09/24/10	7	Segment 7 Transmission Line

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#17 Mod	01/13/11	Under Review	7	Segment 7 66 kV wreckouts. Additional information requested.
#18	10/13/10	10/15/10	7	Potrero Grande Contractor Yard
#19	10/29/10	11/12/10	4, 5, 10	Avenue F Contractor Yard
#20	10/08/10	11/30/10	10	Segment 10 Telecom
#21	11/18/10	12/09/10	6 & 11	Vincent North Material Yard.
#22	11/18/10	12/09/10	6 & 11	Vincent South Material Yard.
CPUC Addendum	11/22/10	12/14/10	Vincent Substation	Section of road widening and riprap extension for the Vincent Substation expansion.
#23	12/22/10	1/11/11	6 & 11	Material Yard 75
#24	11/10/10	1/13/11	8	Segment 8 West, Phase 4 Transmission Line.
#25	11/19/10	1/13/11	8	Fullerton (1) and Tonner Canyon (2) Contractor Yards. USFWS/CDFG survey requirements for Tonner CYs required. Only Fullerton CY approved under NTP #25.
#26	06/22/10	1/14/11	9	Whirlwind Substation.
	01/03/10	Under Review	10	Segment 10 Transmission Line. Copies of biological survey report received the week of Jan 24-28. SCE to provided updated maps.
ANF PERMTTING – Segment 1, 6 & 11				
	11/29/07	12/14/07	1	Radio Repeater – installation of a temporary radio repeater site on Sierra Pelona Ridge to provide communication during construction activities tied to the project. Improvement installation began Jan. 11
	09/27/07	12/14/07	1	Geotechnical testing – 23 geotechnical borings are authorized on National Forest lands to provide additional information that will be used in the design of the transmission towers. Notice to proceed was signed Jan 31 to begin work the week of Feb. 3
		07/14/08	1	Removal of the 66 kV conductor within the ANF, from tower 7-3 (near southern Forest boundary) to 16-3 (near Bouquet Reservoir) Phase I.
		09/23/08	1	Removal of the 66 kV conductor within the ANF, Phase II
		10/23/08	1	Construction of the 500 kV transmission line and wreck-out of the 66 kV towers in the ANF, Section 2.

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

Variance Requests and Temporary Extra Workspace (TEWS) Requests submitted to date are summarized in Tables 2 and 3, respectively.

TABLE 2
VARIANCE REQUESTS
(Updated 02/11/11)

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

Variance Request	Date Requested	Date Issued	Segment #	Description
VR#8	09/16/10	09/16/10	8	Clarification of construction hours for Segment 8 Phase 1
VR #9	09/14/10	09/20/10	Yard 28 & Rancho Vista Yard	Hotwork (welding and cutting) at Yard 28 and Rancho Vista Yard.
Verbal	10/08/10	10/08/10	8, Phases 2 & 3	Wire sites for construction on Sunday, October 10.
VR #10	10/08/10	10/13/10	8	Additional Phase 2 & 3 wire sites.
VR #11	10/01/10	10/15/10	8	Relief from focused biological survey requirements because of restricted property access, Phase I.
VR #12	10/06/10	10/15/10	8	Additional Phase I wire sites.
VR #13	11/09/10	11/17/10	5	Additional wire stringing sites.
VR #14	11/17/10	11/19/10	8	Additional Shoofly pole in Tonner Canyon, Segment 8, Phase 1
VR #15	11/18/10	11/19/10	5	Additional guard poles between Highway 14 and Sierra Highway.
VR #16	11/12/10	11/19/10	5	Realign an existing access road at the southeastern corner of the Vincent Substation 500 kV expansion area to allow for the construction of the Segment 5 T/L.
VR #17	Revised 11/17/10	11/22/10	8	Additional 66 kV material storage near Rio Hondo and Chino Substations
VR #18	11/24/10	12/01/10	5	Continue use of two existing access roads that are approved under a TEWS
VR #19	Revised 11/23/10	12/01/10	5	Additional wire stringing sites.
VR #20	11/30/10	12/02/10	8	Revised alignment of an access road for safer access to tower sites.
VR #21	12/3/10	12/03/10	7/8	Remove fabric on chain-link fence surrounding Mesa MY because of graffiti
VR#22	11/22/10	12/07/10	7	Additional wire stringing sites.
VR #23	12/03/10	12/09/10	7	Ten additional access roads.
VR #24	12/17/10	12/20/10	8	Use of an existing concrete parking area/pad in Tonner Canyon as a helicopter landing zone and equipment staging and parking area, Segment 8, Phase I.
VR #25	12/17/10	12/20/10	8	Revision to the Structure Work Area for Tower M73-T2, Segment 8, East (Phase III).
VR #26	1/6/11	1/6/11	7	Revised disturbance areas in Montebello Hills
VR #27	1/12/11	1/13/11	7	Relocation of interset tower M54-T3a
VR #28	01/14/11	1/19/11	Yard	Grading at Vincent South Material Yard.
VR # 29	01/14/11	1/19/11	Yard	Additional parking areas at Rodeo North and South Contractor Yards.
VR #30	01/28/11	01/28/11	Yard	Grading at Vincent North Material Yard.
VR #31	02/04/11	02/04/11	7, 8	Revised 66 kV underground alignment along Edison Avenue in the City of Chino
VR #32	02/04/11	02/07/11	Whirlwind	Temporary offsite equipment loading/unloading and parking area.
VR #33	02/08/11	02/10/11	8	Access route to Tower M0-T6.
VR #34	02/09/11	02/11/11	Whirlwind	Temporary concrete slab within work area (VR #32).

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 02/11/11)

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 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.

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
NON-COMPLIANCES, PROJECT MEMORANDA, AND OTHER INCIDENTS
 (Updated 02/11/11)

Type	Date	Location	Description
Non-Compliances, Project Memoranda & Other Incidents, Segments 1-3			
<i>For Non-Compliances, Project Memoranda & Other Incidents activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106-107.</i>			
Project Memorandum	04/27/10	3A	Delivery of equipment to Tower 43 within an ESA without monitors present.
Incident	05/10/10	2	Relocation of artifacts from archaeological site near Tower 21 during Segment 2 construction.
Incident	05/12/10	Antelope Substation	Fugitive dust leaving grading area.
Non-Compliances, Project Memoranda, & Other Incidents, Segments 4-11			
Incident/Level 1 SCE NCR	03/24/10	Vincent Substation	Construction encroachment into California Thrasher nest buffer.
Incident	04/20/10	Rancho Vista Yard	Equipment mobilized to site before resource fencing was verified by CPUC EM.
Incident/Level 1 SCE NCR	05/12/10	Vincent Substation	Resource buffer encroachment, construction within nesting bird buffers along Rockyford road.
Incident/Level 1 SCE NCR	05/13/10	Vincent Substation	Resource buffer for common raven encroachment within substation.
Incident	05/28/10	Windhub Substation	1 gallon fuel spill outside of Windhub substation.
Incident	06/02/10	Antelope Substation	Active nest disappeared from inside the engine compartment of a water truck at the expansion area over the holiday weekend.
Incident	06/03/10	Antelope Substation	Construction activities taking place without biological clearance surveys taking place. Resource buffer staking were in place.
Incident	06/04/10	Antelope Substation	Resource buffer encroachment in the expansion area. Vehicle entered a nest buffer area, nest was not found.
Incident/Level 2 SCE NCR	06/13/10	Segment 7 Telecom	Helicopter unloaded personnel and equipment in an unauthorized area.
Incident/Level 2 SCE NCR	06/17/10	Vincent Substation	Cement truck stopped within nesting bird buffer along Rockyford road.
Incident/Level 2 SCE NCR	6/22/2010	Yard 28 Materials Yard	Vehicle drove through bird buffer exclusion zone.
Project Memorandum	06/23/10	Segment 8 West CY	Vegetation clearing without preconstruction biological or clearance surveys within TRTP right-of-way.
Incident/Level 1 SCE NCR	06/24/10	Yard 28 Materials Yard	Verizon employee parked within a bird buffer exclusion zone.
Incident/Level 1 SCE NCR	7/6/10	Yard 28 Materials Yard	All Day Electric employee drove through a bird buffer exclusion zone.

Type	Date	Location	Description
Incident/Level 1 SCE NCR	8/3/10	Segment 7 Telecom	Crews began work without a monitor present.
Incident/Level 1 SCE NCR	09/9/10	Mesa Material Storage Yard	Water truck spraying water into jurisdictional drainage.
Incident/Level 1 SCE NCR	9/21/10	Mesa Material Storage Yard	SCE contractor on-site before biological sweep was completed.
Incident	9/21/10	Segment 8, Phase I	Wire drop at Tower M57-T2. Incident report has been requested by the CPUC.
Incident/Level 1 SCE NCR	9/24/10	Segment 5	Resource damage to a cultural site by survey crews.
Incident/Level 1 SCE NCR	10/1/10	Racetrack Yard	ICF, International (Biological Monitoring) issued an NCR for parking of vehicles outside the Yard boundaries.
Incident/Level 1 SCE NCR	10/09/10	Segment 4	Vehicle parked on a berm outside of work areas north of Tower 35.
Incident/Level 1 SCE NCR	10/09/10	Segment 4	Another vehicle parked on a berm outside of work areas north of Tower 35.
Incident/Level 1 SCE NCR	10/11/10	Vincent Substation Expansion	Foundation holes not covered at the end of the day.
Incident/Level 1 SCE NCR	10/12/10	Vincent Substation Expansion	Foundation holes not covered at the end of the day.
Incident/Level 1 SCE NCR	10/13/10	Racetrack Yard	Micro-trash in the yard.
Incident	10/19/10	66 kV	Storage of materials outside of approved areas, Variance request pending.
Incident/Level 1 SCE NCR	10/18, 19, 20, 21, and 22	5	Out-of-state license plates on the project ROW.
Incident/Level 1 SCE NCR	11/05/10	Racetrack Yard	Micro-trash in the yard.
Incident	11/15/10	8	Two instances of using access roads not approved for the project.
Incident/Level 1 SCE NCR	12/1/10	Racetrack Yard	A 500-gallon fuel tank lacks secondary containment.
Incident/Level 1 SCE NCR	12/6/10	Segment 8	SCE contractor on-site before biological sweep was completed and without a biological monitor present.
Incident/Level 1 SCE NCR	1/7/11	Segment 5	A crew started excavation work prior to a biological morning sweep being conducted.
Level 1 SCE NCR	1/12/11	Segment 5	Nuts and bolts left on the ground at tower 67.
Level 1 SCE NCR	1/12/11	Segment 4	Trucks using an unapproved road to access tower 36 in 2081 area.
Level 2 SCE NCR	1/12/11	Segment 4	Truck used an unapproved road and drove outside the disturbance limits near tower 38.
Level 2 SCE NCR	1/20/11	Segment 7	No gas monitoring adjacent to a Phase 1 ESA
Incident	1/26/11	Segment 9	The CPUC EM was not notified of an active nest at the Vincent Substation.
Incident	1/26/11	Segment 8	Project vehicles used non project access for the installation of grounds on adjacent towers.

Type	Date	Location	Description
Level 1 SCE NCR	1/28/11	Segment 5	A project related vehicle drove through two bird nest buffers.
Level 1 SCE NCR	1/31/11	Segment 8	Track out by trucks onto public streets.
Level 1 SCE NCR	2/1/11	Segment 9	Ground disturbing activities started without a paleontological monitor onsite.
Level 1 SCE NCR	2/01/11	Segment 8	Track out by trucks onto public streets.
Level 1 SCE NCR	2/02/11	Segment 8	Trash, including micro-trash.
Level 1 SCE NCR	2/02/11	Segment 8	Fugitive dust due to inadequate watering.
Level 1 SCE NCR	2/3/11	Segment 7	Two unlabeled drums containing diesel fuel were observed without secondary containment in the Huntington Yard

PROJECT PHOTOGRAPHS



Figure 1: Woodward Brothers drilling foundation for Tower 17, Segment 5.



Figure 2: Tortoise fence trench along perimeter of Whirlwind Substation, Segment 9.



Figure 3: Water storage tanks in the Vincent North Material Yard, Segments 6 & 11.



Figure 4: Crews unbolt a tower in the City of Chino Hills, Segment 8, Phase 1.



Figure 5: Crews ready a foundation for a delivery of concrete, Segment 8 Phase 3.



Figure 6: Crews install a fence at the Fullerton Yard in the City of Rowland Heights, Segment 8, Phase 4.