



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: January 12, 2011
Subject: Weekly Reports 152, 153, and 154 – Dec. 19, 2010 to Jan. 9, 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 at Antelope and Windhub Substations was limited from December 20th through January 2nd due to inclement weather and the holiday break.
3. Construction activities in the Antelope Substation expansion consisted of the following:
 - Fence installation around the retention pond is almost complete;
 - Work was conducted in the SPCC area;
 - The transformer units that make up the AA banks were delivered;
 - Conduit placement for the station light and power is complete; and the above grade electrical work is underway.

No materials were stored in the laydown yard during this reporting period. The spoil pile in front of the Antelope construction trailers is leveled out and covered with gravel. An SCE office trailer for TRTP 4-11 was installed in this area.

4. Construction activities at the Windhub Substation included mobilization of Professional Electric to start the above ground electric work in the 220 kV area. Union Contractor continued ground grid work, concrete pouring, and foundations. Final grading is also being completed.



5. Material for Segment 3B and the future Whirlwind Substation is being stored at the Highwind Yard.
6. 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.
7. Revegetation for Segments 2 and 3A is scheduled for early-2011.

ENVIRONMENTAL COMPLIANCE:

1. 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. No work occurred on Segments 4, 5, and 10 from December 20th through January 2nd due to inclement weather and the holiday break.
2. At the Vincent Substation, BMP maintenance and installation was conducted due to inclement weather over the holiday break. No substation or expansion work occurred from January 3rd through January 8th.
3. No work was conducted on Segment 4. SCE is required to implement the pre-construction conditions of the Biological Opinion and Incidental Take Permit prior to starting construction on Segment 4.
4. 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 work being conducted inside the building.
5. Segment 5, Towers 26 to 47: Crews continued assembly of 500 kV Towers 38, 39, and 40.
6. Segment 5, Towers 48 to 64: Woodward conducted foundation drilling and set-up work at Tower 65. H&H Grading conducted BMP repairs at accessible sites. Travelers were installed on Towers 60 and 61 in preparation for wire stringing. Existing 220 kV towers were wrecked out. Assembly of 500 kV Tower 58 continued (see Figure 1). Grading of wire pull sites occurred between Towers 57 and 61. Wire removal from the existing 220 kV lines between Towers 44 and 51 has not been completed.
7. Segment 5, Tower 65 into the Vincent Substation: Woodward drilled TSP 71 (inside the Vincent Substation, see Figure 2). Wire stringing was conducted at TSP 2 and 3. Tower erection of TSP 5 is incomplete. Existing 220 kV towers were wrecked out.

Environmental Compliance:

1. On September 24, survey crews staking new tower positions damaged an archaeological feature at a tower site on the Segment 5. The CPUC was not notified of this damage for four days. An initial incident report was submitted to the CPUC and the ANF on October 4 and was followed by a treatment plan for the damage to the site. The treatment plan is currently under review by the Lead Agencies.
2. The CPUC EM's attended the Segment 10 Telecom kick-off meeting held on Tuesday, January 4th.
3. The CPUC EM's verified ESA flagging for Segment 10 Telecom from the Windhub Substation to Rosamond Substation. Clarification was requested and received on ESA flagging for biological and cultural resources.
4. The CPUC EM's verified ESA flagging on Segment 4, Towers 33 to 47 and Whirlwind Substation access roads.
5. An SCE Level 1 NCR was issued on January 7th because an H&M crew started excavation work on Segment 5 without a biological sweep being conducted.

One 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.

Environmental Compliance

2. The CPUC EM verified ESA flagging at Vincent North and South Material Yards.

SEGMENTS 7 AND 8 - LOS ANGELES AND SAN BERNARDINO COUNTIES

Summary of Activity

1. No transmission line work occurred on Segments 7 and 8 between December 18th and January 2nd because of the holiday break. Segments 7 & 8 66 kV work was sporadic because of inclement weather and the holidays.
2. Segments 7 & 8, 66 kV: During the subject period, underground work continued on the Rio Hondo–Amador-Jose-Mesa line at the Duck Farm in South El Monte. Work included grading to prepare the site, the installation of vaults, and trenching. Work was slowed because of inclement weather and the holidays. Wilson crews continued work on the foundations for riser and non-riser poles for the Rio Hondo–Amador and Rio Hondo–Amador-Jose-Mesa lines. Crews drilled holes and placed cages. Wilson crews also continued 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 setting new poles, installing conductors, and stringing wire, as well as removing old wooden poles (see Figure 3). Additionally, SCE crews continued work between Lower Azusa Road and Rio Hondo Substation on the Rio Hondo–Amador and Rio Hondo–Anita No. 2 lines in the City of Irwindale. Work included reframing poles and installing conductors. Additionally, SCE began installing four 12 kV distribution poles at the corner of Lower Azusa Road and Peck.

3. Segment 7: During the subject period, Wilson crews continued wire removal and tower wreckouts in the City of Montebello Hills within designated critical habitat for the coastal California gnatcatcher at Towers M40-T4 through M41-T4. Work included unclipping wire and removing wire and insulators. DCX cleared vegetation within tower disturbance areas from Tower M40-T4 through M41-T3.
4. Segment 8, Phase 1: Wilson, DCX and Tri-State crews continued to work within Tonner Canyon in the City of Industry. Crews worked on assembly at Towers M57-T3, M23-T3 and M23-T2a. Tri-State began drilling at Tower M57-T4.
5. Segment 8, Phase 2: Wilson crews continued erection work at Towers M0-T1, M4-T2 and M6-T5 through M6-T9 (see Figure 4). Tri-State finished the foundation for Tower M4-T2. DCX began drilling the foundation at Tower M2-T1. American Construction (fence crew) removed fencing at towers within the dairies.

Environmental Compliance:

1. The CPUC EM verified ESA flagging and disturbance area staking within Montebello Hills.
2. Segment 7: The contractor was initially using unapproved means and methods (per the USFWS Biological Opinion) during wire removal between Tower M41-T3 and M41-T4, but was able to adjust their methods without an impact to critical habitat for coastal California gnatcatcher (see Figure 5).
3. Segment 7 66 kV: Potentially contaminated soil was discovered while drilling for anchor installation near a pole on the Rio Hondo–Amador-Jose-Mesa line on Rivergrade Road on Lower Azusa Road. A Wilson environmental specialist was notified and work ceased at that location while the soil was tested for contaminants.

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 1/18/2011)

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
#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
#17 Mod	01/13/11	Under Review	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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#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.
ANF PERMITTING – Segments 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 1/18/2011)

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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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
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.

Variance Request	Date Requested	Date Issued	Segment #	Description
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	Under Review	Yard	Grading at Vincent South Material Yard.
	01/14/11	Under Review	Yard	Additional parking areas at Rodeo North and South Contractor Yards.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 1/18/2011)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS, Segments 1-3				
<i>For TEWS activity on Segments 1-3 prior to 2010, please see Table 3 in Weekly Reports 106-107.</i>				
TEWS, Segments 4-11				
#1	09/30/10	09/30/10	7	Re-phasing work at a tower not previously identified on Rio Hondo–Amador-Jose-Mesa 66 kV
#2	10/8/10	10/8/10	4	Park a boom truck on LADWP access road during the outage
#3	10/12/10	10/12/10	8	Use a wire setup site not previously identified on Chino–Mira Loma No. 1
#4	10/20/10	10/20/10	5	Extra space from wire truck parking near Vincent Substation.
#5	10/21/10	10/21/10	7	Use a site not previously identified for staging of equipment and materials at Tower M54-T3a.
#6	11/1/10	11/1/10	5	Use of an existing SCE access road.
#7	11/1/10	11/3/10	5	Use of an existing road (Parkwood Drive).
#8	11/2/10	11/2/10	8	Use a site not previously identified for vehicle parking and as a helicopter landing zone.

TEWS Request	Date Requested	Date Approved	Segment #	Description
#9	11/30/10	12/1/10	5	Use 8 existing spur roads as extra parking and turnaround areas
#10	12/2/10	12/2/10	7	Additional access road for on Rio Hondo–Anita No. 2 66 kV.
#11	12/8/10	12/8/10	5	Use an existing spur road near Tower 29, north of Elizabeth Lake Road.
#12	12/9/10	12/9/10	7	Additional access road near Towers M41-T1 through M41-T3
#13	12/14/10	12/14/10	8	Access road to Tower M0-T6.
#14	1/10/11	1/10/11	8	Access road to Tower M2-T5
#15	1/11/11	1/11/11	8	Additional parking area in Tonner Canyon.

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 1/18/2011)

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.

PROJECT PHOTOGRAPHS



Figure 1: Assembly of 500 kV Tower 58, Segment 5.



Figure 2: Woodward drilling Tower 71, (a TSP inside the Vincent Substation) with a Paleontological Monitor present, Segment 5.



Figure 3: A Wilson crew prepares to install a LWSP along Rivergrade Road, Segment 7 66 kV.



Figure 4: A Wilson crew assembles Tower M4-T in Ontario, Segment 8, Phase 2. Newly erected towers are visible in the background.



Figure 5: To avoid impacts to critical habitat for coastal California gnatcatcher, conductor was lowered into a traveler, Segment 7.