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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:** December 21, 2010  
**Subject:** Weekly Report 150 - December 05 to December 11, 2010

**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:
  - Construction of the MEER building which will be significantly complete by December 15<sup>th</sup>;
  - 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 will be installed in this area.

3. 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.
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 is scheduled for early-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. At the Vincent Substation, electrical, 220 kV work, cable trenching, and steel installation for the 500 kV racks in 1X and 2X positions continued. Cable trenching, BMP repairs, conduit placement, dust suppression and concrete pouring occurred in the expansion area. The Addendum for permanent work including the relocation of a dirt road and the installation of rip rap outside of the project limits was approved by the CPUC.
2. On Segment 4, a survey crew conducted pre-construction work including flagging of disturbance areas at Towers 36, 38-45, and 48-55. SCE is required to implement the pre-construction conditions of the Biological Opinion and Incidental Take Permit prior to starting construction on Segment 4.
3. 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.
4. Segment 5, Towers 26 to 47: An H&M wire crew started removal of conductor and static wire from the 220 kV lines between Towers 26 and 31 which crosses Elizabeth Lake Road. Crews continued steel haul and assembly, and wreck-outs of existing 220 kV towers (see Figure 1).
5. Segment 5, Towers 48 to 64: Woodward continued foundation drilling, rebar cage placement, and concrete pouring. H&H Grading conducted BMP installation, and grading of the new 500 kV tower disturbance sites and new access roads (see Figure 2). Wire removal from the existing 220 kV lines between Towers 44 and 51 has not been completed. Wreck-outs of the 220 kV towers also continued (see Figure 3).
6. Segment 5, Tower 65 into the Vincent Substation: Woodward drilled foundations for Towers 69 and 70, and also poured concrete at Tower 70 (TSP's located inside the Vincent Substation). TSP's 1

to 4 (in the expansion area) have been erected and ready for wire stringing. Tower erection of TSP 5 is incomplete.

**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 verified ESA flagging at Tower 29 on Segment 5.
3. The CPUC EM and Burns & McDonnell EC verified access road staking for the road near TSP 1 in the Vincent Substation expansion that was approved under Variance #16.
4. The CPUC EM and Burns & McDonnell EC were informed that disturbance staking between Towers 1 and 21 on Segment 5 was resolved. The staking was verified and no issues were noted.

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

**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 began 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 two vaults, and trenching. 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 (see Figure 4). Crews drilled holes and placed cages for four TSPs. 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 (see Figure 5). Work included setting new poles, installing conductors, and stringing wire, as well as removing old wooden poles. 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.
2. Segment 7: Wilson crews began wire removal of wreck-out towers in the City of Montebello Hills within designated critical habitat for the California gnatcatcher at Towers M41-T1 through M42-T6. Work included unclipping wire and removing wire and removing insulators (see Figure 6).
3. Segment 8, Phase 1: Wilson and DCX crews continued to work within Tonner Canyon in the City of Industry. Crews finished the installation of temporary Shoofly poles near Tower M57-23 and grading the access road to Tower M23-T2a. Tri-State began drilling the foundations for Tower M23-T2A.

4. Segment 8, Phase 2: Wilson crews continued erection work at Towers M1-T2 through M4-T1. DCX crews worked to remove footers at Towers M2-T2, M3-T4 and M3-T2 within the dairies. Tri-State began work on the foundation at Towers M4-T1 and M4-T2.
5. Segment 8, Phase 3: A Rerod crew, a Tri-State subcontractor, began building rebar cages at interset towers M46-T7A and M46-T7B in the City of Chino.

**Environmental Compliance:**

1. Some of the existing wood poles on the Rio Hondo–Amador and Rio Hondo–Anita No. 2 lines in the City of Irwindale were identified as needing to be replaced because of age and rot. The pole replacements were put on hold by SCE pending the development of a Health and Safety Plan for those lines.
2. Segment 7: The disturbance area and access road maps provided to the CPUC for the Segment 7 transmission line NTP differ from what was provided to the resource agencies. SCE will re-stake the disturbance areas the week of December 13<sup>th</sup> and will submit a variance to amend the NTP with the correct maps.
3. Segment 8, Phase 2: DCX crews began installing silt fencing in addition to chain-link fencing to exclude wildlife from open excavation holes.
4. Segment 8, Phase 2: On December 6<sup>th</sup>, a Wilson crew began work at Tower M2-T5 without a biological monitor present, and without a biological sweep having been conducted.
5. Segment 8, Phase 2: Crews are accessing Tower M0-T6 from a route not specified on NTPR maps because of real estate concerns. The access is shown as a new, permanent access road coming from San Antonio Avenue, and instead crews and equipment are accessing the site from Edison Avenue. According to the SCE Environmental Coordinator, the Edison Avenue access is an existing Operations and Maintenance road that Wilson will use to complete the tower. A TEWS was issued for the road for the remainder of the tower erection work.
6. Segment 8, Phase 2: During work within the dairies, DCX crews were monitoring methane gas levels less frequently than required by the Wilson Health and Safety Plan, because of the minimal excavation depths. On December 2<sup>nd</sup>, the CPUC EM notified SCE that the Health and Safety Plan needs to be modified to address this less invasive construction activity.

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-Pardee Transmission Project, Segments 1, 2, and 3, to date.

**TABLE 1**  
**CPUC NTPS & ANF PERMITTING**  
(Updated 12/21/2010)

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
CPUC NTPs, Segments 1-3				
For CPUC NTP and Addendum activity on Segments 1-3 prior to 2010, please see Table 1 in Weekly Reports 106-107.				
#26	12/18/09	01/05/10	1	Expansion of Antelope Substation.

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
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	Under Review	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

NTP #/ Permit	Date Requested	Date Issued	Segment #	Description
#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
#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.
	06/22/10	Under review	9	Whirlwind Substation. Revised description submitted 12/10; updated biological report pending.
	11/10/10,	Under review	8	Segment 8 West, Phase 4 Transmission Line. Biological review submitted 12/20/10.
	11/19/10	Under review	8	Fullerton (1) and Tonner Canyon (2) Contractor Yards.
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 12/21/2010)

Variance Request	Date Requested	Date Issued	Segment #	Description
Variance Requests, Segments 1-3				
For Variance Request activity on Segments 1-3 prior to 2010, please see Table 2 in Weekly Reports 106-107.				
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

Variance Request	Date Requested	Date Issued	Segment #	Description
VR #6	08/26/10	08/26/10	8	Work on weekends for Segment 8 Telecom.
VR #7	09/10/10	09/16/10	8	New wire setup and pull sites for Segment 8 Phase 1
VR#8	09/16/10	09/16/10	8	Clarification of construction hours for Segment 8 Phase 1
VR #9	09/14/10	09/20/10	Yard 28 & Rancho Vista Yard	Hotwork (welding and cutting) at Yard 28 and Rancho Vista Yard.
Verbal	10/08/10	10/08/10	8, Phases 2 & 3	Wire sites for construction on Sunday, October 10.
VR #10	10/08/10	10/13/10	8	Additional Phase 2 & 3 wire sites.
VR #11	10/01/10	10/15/10	8	Relief from focused biological survey requirements because of restricted property access, Phase I.
VR #12	10/06/10	10/15/10	8	Additional Phase I wire sites.
VR #13	11/09/10	11/17/10	5	Additional wire stringing sites.
VR #14	11/17/10	11/19/10	8	Additional Shoofly pole in Tonner Canyon, Segment 8, Phase 1
VR #15	11/18/10	11/19/10	5	Additional guard poles between Highway 14 and Sierra Highway.
VR #16	11/12/10	11/19/10	5	Realign an existing access road at the southeastern corner of the Vincent Substation 500 kV expansion area to allow for the construction of the Segment 5 T/L.
VR #17	Revised 11/17/10	11/22/10	8	Additional 66 kV material storage near Rio Hondo and Chino Substations
VR #18	11/24/10	12/01/10	5	Continue use of two existing access roads that are approved under a TEWS
VR #19	Revised 11/23/10	12/01/10	5	Additional wire stringing sites.
VR #20	11/30/10	12/02/10	8	Revised alignment of an access road for safer access to tower sites.
VR #21	12/3/10	12/03/10	7/8	Remove fabric on chain-link fence surrounding Mesa MY because of graffiti
VR#22	11/22/10	12/07/10	7	Additional wire stringing sites.
VR #23	12/03/10	12/09/10	7	Ten additional access roads.
VR #24	12/17/10	12/20/10	8	Use of an existing concrete parking area/pad in Tonner Canyon as a helicopter landing zone and equipment staging and parking area, Segment 8, Phase I.
VR #25	12/17/10	12/20/10	8	Revision to the Structure Work Area for Tower M73-T2, Segment 8, East (Phase III).

**TABLE 3**  
**TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS**  
(Updated 12/21/2010)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS, Segments 1-3				
For TEWS activity on Segments 1-3 prior to 2010, please see Table 3 in Weekly Reports 106-107.				
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.

**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 12/21/2010)

Type	Date	Location	Description
Non-Compliances, Project Memoranda & Other Incidents, Segments 1-3			
For Non-Compliances, Project Memoranda & Other Incidents activity on Segments 1-3 prior to 2010, please see Table 4 in Weekly Reports 106-107.			
Project Memorandum	04/27/10	3A	Delivery of equipment to Tower 43 within an ESA without monitors present.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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.

## PROJECT PHOTOGRAPHS



**Figure 1:** Steel crew assembling 500 kV Tower 38, Segment 5.



**Figure 2:** H&H grading disturbance site for 500 kV Tower 57A, Segment 5.



**Figure 3:** Wreck-out of 220 kV Tower M75-T2, Segment 5.



**Figure 4:** A Wilson crew sets a riser pole foundation within the Duck Farm, Segment 7 66kV.



**Figure 5:** A Wilson crew installs lightweight steel poles adjacent to the I-605 freeway on the Rio Hondo–Amador-Jose-Mesa 66kV line, Segment 7.



**Figure 6:** A Wilson crew removes insulators at Tower M41-T2, City of Montebello Hills, Segment 7.