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**PROJECT MEMORANDUM
SDG&E'S SUNRISE POWERLINK PROJECT**

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: October 5, 2011
Subject: Weekly Report 53 – September 18 to September 24, 2011

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SDG&E Sunrise Powerlink Project. This report is organized as follows:

- Transmission Line Construction
- Substation Construction and Upgrades
- Construction Yards and Other Workspaces

A summary of the Notices to Proceed with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Finally, a summary of Temporary Extra Work-space and non-compliance activity are provided in Tables 3 and 4, respectively.

CPUC/Aspen Environmental Monitors (EM): Cassandra Garza, Brian Woodward, Valerie Yep, and David Lee

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation was cleared at EP228, EP233-1, EP234-1, EP234-1 TSAP, EP236-1, EP237-1, EP245-1, EP252A-1, EP252A-1 TSAP, EP254, EP254 TSAP, EP261-2, and EP261-2 TSAP.
- Grading occurred at tower site EP234-1 TSAP and EP234-1 TSAP.
- Access road construction was conducted at EP245-1.
- Conventional drilling took place at EP199-3.
- Various foundation work (including capping, curing, cage installation, grounding, etc.) occurred at EP245-1.
- Concrete was poured at EP252-1.
- Form removal and cleanup was conducted at EP242 and EP252-1.
- Ground rod installation took place at EP239-1, EP240, EP242, EP252-1, and from EP255-2 through EP258-2.
- Tower assembly occurred at EP358 and EP359.
- QA/QC was conducted at EP358 and EP359.
- Helicopter platform was removed from EP253-2.

BLM Lands:

- Vegetation was cleared at EP192, from EP197-3 through EP200-3, EP246, EP250, EP291/292 pull site, and EP314 pull site.
- Boulder removal occurred at EP152-2, EP201-3, EP202-3, and EP265.



- Grading was conducted at tower site EP246-1 TSAP, EP249 TSAP, EP265 TSAP, and EP314 pull site.
- Access road construction took place at EP197-3-N, EP198-3, EP199, EP200-3, and EP200A-1.
- Conventional drilling occurred at EP198-3, EP200A-3, EP201-3, EP202-3, EP203-3, EP204-3, EP205-2, EP247, EP248, and EP251.
- Various foundation work (including capping, curing, cage installation, grounding, etc.) was conducted at EP200A-1, EP201-3, EP202-3, EP204-3, EP205-2, EP206-1, and EP245.
- Concrete was poured at EP204-3, EP205-2, and EP251 (see Figure 1).
- Form removal and cleanup took place at EP204-3, EP205-2, and EP317.
- Ground rod installation occurred at EP291-1 EP292-1, and EP304.
- Ground rod testing was conducted at EP291-1, EP292-1, EP293, EP295, EP302-1, EP304-2, EP306-1, EP307-1, and EP308.
- Micropile drilling took place at EP271-2, EP274-1, EP275-1, EP277-1, EP278-1, and EP281.
- Micropile grouting occurred at EP274-1, EP277-1, and EP281.
- Proof testing was conducted at EP269-1, EP274-1, and EP276-1.
- Micropile cap work took place at EP315-1 and EP317.
- Tower assembly occurred at EP290, EP291-1, EP292-1, EP293, EP294, EP299, EP301, EP303, EP304-2, EP307-1, EP308, EP309, EP313, EP319, EP322-1, EP328-1, EP330-1, EP342, and from EP356, EP357, EP360, EP361, EP362, and EP363.
- QA/QC was conducted at EP292-1, EP293, from EP295 through EP322, and EP356, EP357, EP360, EP361, EP362, and EP363.
- Optical ground wire (OPGW) was spliced at EP339.
- OPGW sock line and conductor was flown from EP330 to EP322/323 pull site.
- Traveler work took place at EP324, EP328, and EP329.
- Conductor was pulled from EP330 to EP322/323 pull site.
- Sagging and clipping occurred from EP323 through EP330. Clipping also occurred at EP334.
- 900 MHz radio tower was repaired at EP146.
- Helicopter platform was installed at EP314.
- Temporary mats were removed from EP323-1 and EP324.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Access road construction occurred at EP42N access road between EP39-1 and EP42.
- Ground resistance testing occurred at EP89 and EP90 (see Figure 2).
- Conventional drilling occurred at EP93.

BLM Lands:

- Access road construction occurred at EP42N access road between EP39-1 and EP42, EP47-2, EP47-PS-N, and EP50-E.
- Access road construction occurred at EP42N.
- Vegetation clearing occurred at EP42 and the EP42 pull site.
- Boulder removal occurred at the EP42 pull site.
- Grading occurred at the EP42 pull site.
- Topsoil stockpiling occurred at EP42 pull site.
- Micropile drilling occurred at EP43 and EP45-1.

US Forest Service Lands:

- During this reporting period, Monday thru Saturday were EV days. Work activities ended each day in accordance with the fire plan and the approved EV letter as appropriate.
- Access road construction occurred from west of EP125 pull site to just before the EP125 spur, La Posta Truck Trail near EP127, along La Posta Road from EP125 pull site to EP132 (see Figure 3), turnout just east of EP129, and EP141.
- Vegetation clearing occurred along the access road from EP136 to EP137, EP126-1, and EP141.
- Tree trimming occurred on La Posta Road between EP128 and EP130.
- Grading occurred at the EP130/EP131 pull site.
- Fence installation occurred at EP125, EP126, and EP127.
- Gate installation occurred at EP130-1.

3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):

- Revitalization occurred west of South Grade Road, in front of Alpine Elementary School, and west of Alpine Creek.
- Trenching occurred at Vault V1R, V1L to Caltrans bore pit, V2L to Caltrans bore pit, V9R to V11R, and V11L.
- Pre-drilling/Drilling occurred from V9R to V10R and Viejas Creek Bridge.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V3R, V5L, V11R to V12R, V12L, V13L, V14L, V16R, V17R, and V18L.
- Proofing occurred at V7R to V8R, V10L to V11L, and V20L to riser pole.
- Paving (including preparation) occurred near Alpine Boulevard from V10R to V11R and V9R to V11R.
- Cable pulling occurred at V10L, V11L, V11R, and V12R.
- Grading and foundations occurred at the Slay Property (see Figure 4).
- A halo (grounding) was installed at V20R.
- Milling and setting plates, riser poles, and grading occurred at the Loritz Property.
- Fiber testing occurred at V18R.
- Bridge attachment occurred at Viejas Creek Bridge.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation removal occurred at CP45-1, CP54-1, CP63-3, CP64-2, CP79-1, CP79-1 TSAP, CP80-2, CP80-1 TSAP, CP81-1, CP82-1, CP84, and CP98-1.
- Boulder removal occurred at CP46-2, CP47-2 (see Figures 5 & 6), CP48-2, CP49-1, CP50-1, CP51-2, CP52, CP53-1, CP54, CP56, and CP57.
- Grading occurred at CP45-1 TSAP, CP49-1-PS-E, CP52 TSAP, CP56-1, CP80-2 TSAP, CP82-1 TSAP, and CP84 TSAP.
- Access road construction occurred at CP49-1-PS-N, CP49-PS-E, and the entrance to CP98-1.
- Driveway construction occurred at CP44-1-E and the CP48-1/CP49-1 pull site.
- Road work and gate installation occurred at CP17-1.
- Micropile drilling occurred at CP70-3, CP71, CP74-2, CP75, CP106, CP107, and CP108.
- Grouting occurred at CP71, CP72, and CP73-2.
- Conventional drilling occurred at CP70-3 (see Figure 7), CP87-1, and CP88-1.
- Tower assembly prep occurred at CP40-2.

BLM Lands, 220 kV Overhead Transmission Line:

- Vegetation removal occurred at CP59, CP60, and CP61.
- Boulder removal occurred at CP59.
- Driveway construction occurred at the CP64/65 pull site.
- Micropile drilling occurred at CP62A, CP65-1, CP66-2, and CP68-1.
- Grouting occurred at CP67-3.

MCAS Miramar (Federal) Lands, 220 kV Overhead Transmission Line:

- Tower QA/QC occurred at CP1A and CP1B.

MCAS Miramar (Federal) Lands, 69 kV Reconductoring Line:

- No work occurred during this reporting period.

MCAS Miramar (Federal) Lands, 12 kV Reconductoring Line:

- No work occurred during this reporting period.

US Forest Service Land:

- During this reporting period, Monday thru Saturday were EV days. Work activities ended each day in accordance with the fire plan and the approved EV letter as appropriate.
- Vegetation removal occurred at CP99-2.
- Access road construction occurred at the entrances to CP99-2 and CP100-1.
- Micropile cleanup occurred at CP103.

Environmental Compliance:

1. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.
2. BMPs were installed, refreshed, or maintained on tower sites, access roads, TSAPs, and pads associated with towers on Link 1:

Non-Federal Lands:

- Installed at tower sites EP228, EP233-1, EP234-1, EP234-1 TSAP, EP236-1, EP236-1 TSAP, EP237-1, EP237-1 TSAP, EP345-1, EP252A-1, EP252A-1 TSAP, EP254-3, EP254-3 TSAP, EP261-2, and EP261-2 TSAP.

BLM Lands:

- Installed at tower sites EP197-3, EP200-3, EP246, EP246 TSAP, EP247, EP249 and EP249 TSAP, EP250, EP265, and EP265 TSAP.

3. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 2:

Non-Federal Lands:

- No BMPs were installed or maintained during the reporting period.

US Forest Service Lands:

- The access road from EP130 to EP141-PS-E.

BLM Lands:

- EP42N access road between EP39-1 and EP42 and the EP42 pull site.

4. BMPs were installed or refreshed on Link 4 (non-federal lands only):

- Street sweeping occurred along Alpine Boulevard.
- BMPs were maintained as needed along Alpine Boulevard and on the Loritz, Bauer, and Slay properties.

5. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 5:

Non-Federal Lands:

- CP45-1 TSAP, CP52 TSAP, CP54-1, CP56-1, CP62-2, CP79-1, CP80-2, CP80-2 TSAP, CP81-1, CP82-1, CP82-1 TSAP, CP84, CP84 TSAP, CP98-1.

BLM Lands:

- CP59, CP64/CP65 pull site, CP67.

MCAS Miramar (Federal) Lands, 220 kV Overhead Transmission Line

- No BMPs were installed or maintained during the reporting period.

MCAS Miramar (Federal) Lands, 69 kV Reconductoring Line:

- No BMPs were installed or maintained during the reporting period.

US Forest Service Lands:

- CP98/CP99/CP100 access road.

6. Three California legless lizards (*Anniella pulchra*) were found dead. Two were found at EP198 due to grading activities and one on the spur road from EP192 to EP193. One flat-tailed horned lizard (*Phrynosoma mcallii*) was found dead on the access road between EP357 and EP358. One flat-tailed horned lizard was relocated from the access road between EP352 and EP353 to a more suitable habitat away from construction activities. (Link 1)
7. On September 20, 2011, it was noted to the Link Lead that there was a significant amount of track-out on Old Highway 80 coming from EP252. A street sweeper remedied the situation. On this day it was also noted that there were two vehicles parked outside of the right of way, on a previously disturbed road, at EP248. Cars were rearranged and a TEWS will be requested in the future. (Link 1)
8. On September 21, 2011, an incident occurred at EP322 where a dozer operator went approximately 260 feet off right of way. A biological monitor, archeological monitor, and Native American monitor were brought on site to assess any damages to sensitive resources. No damages to sensitive resources were found. (Link 1)
9. On September 23, 2011, it was noted to the Link Lead that soil berms need to be in place around steel plates covering drilled leg holes (Figure 8). (Link 1)
10. Barefoot banded gecko sweeps were performed with the appropriate monitors. (Link 1)
11. One Coronado skink (*Plestiodon skiltonianus interparietalis*) was found dead at CP84 due to grading. One Coronado skink was relocated from Manzanita Road near EP41 and three were relocated from CP78. Two coast horned lizards (*Phrynosoma blainvillei*) were relocated; one from EP126 and one from CP46. (Links 2 & 5)
12. One Beldings orange-throated whiptail (*Aspidoscelis hyperythra beldingi*) was found dead at CP51-2 due to micropile preparation work. (Link 5)
13. Bees were exterminated at CP43-1 and CP75-1. (Link 5)
14. SWPPP monitor was notified that a failed hydraulic hose on a back hoe caused the release of less than 2 ounces of hydraulic fluid at the Intersection of Alpine Boulevard and South Grade. The hydraulic fluid was immediately contained and cleaned up with absorbent powder and pads. The cleanup materials were removed and relocated to a PAR hazardous waste storage area. (Link 4)
15. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Transmission Line Construction activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (other than EMs):

USFS Representatives: Robert Paul, Ed Wieringa, Jennifer MacDonald, Timothy Cardoza

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Rough grading continued on the substation pad and along Bell Bluff Truck Trail (BBTT). Rock was crushed for select fill material. Piers were drilled for foundations, pads were formed and concrete was poured (see Figure 9). Vaults were excavated and trenching between vaults for underground utilities occurred. Construction of the soil retention wall along BBTT continued. Steel was erected in the northwest quadrant of the pad. Construction on the soil nail wall on the eastern slope continued. Grading took place on the southeast quadrant of the pad. Drilling and blasting took place on the eastern section of the pad.
2. Imperial Valley Substation Upgrade (BLM lands): Building and erection of the new maintenance and storage building continued. Steel was staged out of the northwest corner of the substation. Steel assembly was conducted at EP361.
3. San Luis Rey Substation (non-federal lands): Wiring occurred inside the control house.
4. Encina Substation (non-federal lands): The contractor installed conduit, wiring panels, and ground wire. Fire molded caps were installed around the firewall between the transformer pad and the control house. Construction was started on two 12 kV transformer pads on the east side. The contractor also replaced wire & pull boxes, and formed a containment pit on the west side of the yard.
5. Sycamore Substation (non-federal lands): The contractor worked on the containment pit for the newly installed 230 kV transformer. Wire was strung into the substation. Equipment was staged to perform wiring on transmission poles. Crews worked on transmission poles and installed jumpers and wire on CP1 and CP2. Crews built and installed disconnect supports in Bay 21, worked on the north end and built up support beams for wiring of breaker pads and frames on the northern end of several bays. Crews also fabricated and connected disconnect piping on the north end of the bays.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.

No Non-Compliance Reports or Project Memoranda were issued during the subject period for Substation Construction and Upgrade activities. Non-Compliance activities for the project to date are summarized in Table 4.

Agency Representatives during Construction (Other than CPUC EMs):

None.

CONSTRUCTION YARDS AND OTHER WORKSPACES:

Summary of Activity:

Non-Federal Lands:

1. Alpine Construction Yard – Materials staging, loading reels, and weed wash station operations occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Tower assembly, steel delivery, and equipment staging were all conducted in this yard.
4. Barrett Canyon Yard – Construction of access road to sites and yard, topsoil salvage, and pull site work occurred.
5. Bartlett-Hauser Yard – Water staging and weed wash station operations occurred.
6. Fromm Yard – Tower assembly and steel delivery and staging took place.

7. El Monte Yard – Staging for 12 kV underground crews, spoil storing for El Monte Road water line reinforcement, installation of satellite dish for security camera, unloading wire reels, and tower finish work occurred.
8. Helix Yard – Helicopter operations, steel hauling, repair of fence damage by air crane, weed wash station operations, and water staging occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, and water staging occurred in the yard.
10. Kreutzkamp Yard – Tower assembly, weed wash station operations, water staging (extra stand tank set up), and steel delivery occurred.
11. Rough Acres Yard – Helicopter operations, materials staging and tower assembly was conducted.
12. SWAT Yard – Tower assembly, weed wash station operations, water staging, and helicopter operations occurred.
13. S2 Yard – Helicopter operations, water staging and tower assembly occurred in the yard.
14. Sycamore Yard – Tower assembly, steel delivery and staging, helicopter operations, road grading within the yard, and weed wash station operations occurred.
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations and tower assembly also took place.

Federal Lands (BLM):

16. Dunaway Yard – No activity occurred in this yard during this reporting period.
17. Imperial Valley Yard – No activity occurred in this yard during this reporting period.
18. McCain Valley Yard – Steel delivery and staging, and construction of the helicopter pad took place (see Figure 10).
19. Plaster City Yard – Helicopter operations, repair of EP330, staging for wire stringing, and water and materials staging took place.

Federal Lands (USFS):

20. Thing Valley Yard – No work occurred during the reporting period, due to PAL restrictions.

Environmental Compliance:

1. Biological, Cultural, and Native American monitors have worked with crews at the construction yards to define approved work areas and sites to avoid.
2. BMPs were installed at McCain Valley Yard. (Link 1)
3. One Two-striped gartersnake (*Thamnophis hammondi*) was found dead at the access road into Kreutzcamp Yard. (Link 2)

No Non-Compliance Reports or Project Memorandums were issued during the subject period for Construction Yards and other workspace 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)

Table 1 summarizes the CPUC Notice to Proceed activity for the SDG&E Sunrise Powerlink Project to date.

TABLE 1
CPUC NTPs
(Updated 10/05/2011)

NTP#	Date Requested	Date Issued	Segment #	Description
#1	01/04/10	04/28/10	25	San Luis Rey Substation Upgrades
#2	02/08/10	04/29/10	23	South Bay Substation Upgrades
#3	02/26/10	05/20/10	Yard	Alpine Yard 18
#4	01/26/10	05/28/10	Yard	Alpine Yard 18A
#5	02/05/10	09/28/10	Yard	Rough Acres Yard, Phase 1
#6	05/26/10	09/28/10	24	Encina Substation Upgrades
#7	05/28/10	09/28/10	Telecomm	White Star Communication Facility
#8	06/09/10	10/06/10	Substation	Pomerado Substation Upgrades
#9	06/09/10	10/06/10	Substation	Scripps Switchyard/Substation Upgrades
#10	10/13/10	11/23/10	15	Link 4, Alpine 230 kV Underground Construction
#11	10/19/10	12/15/10	13	Link 3, Suncrest Substation/Wilson Construction Yard
#12	11/30/10	12/23/10	Yard	Rough Acres Yard, Phase 2
#13	11/09/10	01/14/11	2-18, 20-22	Links 1, 2, and 5, overhead construction on non-federal lands
BLM #1	01/19/11	02/03/11	1	Imperial Valley Substation upgrades.
BLM #2	03/28/11	04/04/11	2-12, 16-17	Links 1, 2, and 5 overhead construction on BLM Lands.
Miramar	01/20/11	06/28/11	22	Overhead and substation construction.
USFS	07/29/11	08/09/11	6, 7, 10, 12,14,16	Links 1, 2, and 5 overhead construction on USFS Lands.

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

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

TABLE 2
VARIANCE REQUESTS
(Updated 10/05/2011)

Variance Request	Date Requested	Date Issued	Segment #	Description
#1	11/04/10	11/10/10	Yard	Thomas Yard (El Centro, CA)
#2	12/22/10	03/18/11	Yard	Sycamore Estates Construction Yard. Response to inquiry received 02/23.
#3	01/06/10	01/18/11	All	Modification to tree trimming requirements.
#3 MOD	01/25/11	01/26/11	All	Modification to brush clearing requirements.
#4	01/13/11	03/01/11	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail

Variance Request	Date Requested	Date Issued	Segment #	Description
#6	02/01/11	03/01/11	Link 5	Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.
#7	02/11/11	02/17/11	Link 3	Additional work areas for construction trailers, parking, etc.
#8	03/02/11	03/08/11	Link 2	Alternate access route to Structure EP 27.
#9	03/29/11	04/06/11	All	Perform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.
#10	04/04/11 (revised)	04/14/11	Link 4	Additional construction work space at Viejas Creek Bridge.
#11	04/06/11	04/22/11	Link 1	Additional workspace east of EP215.
#12	04/15/11	04/25/11	Link 1	Additional turnaround along the access road to EP 220-1.
#13	04/13/11	05/06/11	Links 1 & 2	Two fiber optic regeneration sites.
#14	04/28/11	05/03/11	Yards	Change visual screening at Project construction yards from slats to fabric.
#15	05/12/11	05/19/11	Link 2	Alternate access to EP 84.
#16	05/16/11	05/21/11	Link 4	Additional parking space for use during underground construction.
#17	05/18/11	05/24/11	Encina Substation	Driveway improvement.
#18	06/27/11	07/14/11	Link 1	Gate installation between mile markers 38.5 and 39.5.
#18 Mod	10/03/11	Under Review	Link 1	Alternative for installation of Gate #4.
#19	06/27/11	06/29/11	Link 1	Installation of training tower at Rough Acres Construction Yard.
#20	06/28/11	08/05/11	Link 5	Additional disturbance for access, pull sites and topsoil stockpile at CP48-2 to CP51-2.
#21	07/07/11	07/15/11	Link 1	Guard structure from EP255 to Imperial Valley Substation.
#22	07/08/11	08/04/11	Link 1	Fromm Construction Yard. Additional information submitted 08/04.
BLM DNA #1	07/19/11	08/05/11	Link 1	Minor modifications to portions of the Project on Bureau of Land Management lands.
#23	08/15/11	Under Review	Links 1, 2, & 5	Additional landing platforms and TSAPS.
#24	08/25/11	08/29/11	Suncrest Substation	Additional vegetation clearing around construction trailers.
#25	09/01/11	09/09/11	Links 1 & 5	Extended use of approved TEWS areas for parking and staging.
#26	09/15/11	09/20/11	Link 2	Water tank installation at Barrett Canyon Yard.
#27	09/20/11	Under Review	Link 1	Temporary Staging area near Mountain Springs Grade Rd.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 10/05/2011)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #1	11/01/10	11/01/10	White Star	Asphalt paved area for vehicle parking and staging
TEWS #2	03/17/11	03/18/11	Link 4	Parking on Puetz Valley and Alpine Blvd
TEWS #3	03/17/11	03/18/11	Link 4	Parking on Harbison Canyon and Alpine Blvd
TEWS #4	03/22/11	03/23/11	Link 5	Storage on One Father Junipero Sierra Trail
TEWS #5	03/24/11	03/24/11	Link 4	Parking at 3900 Willows Rd. West
TEWS #6	03/24/11	03/24/11	Link 4	Parking at 5840 Willows Rd. East
TEWS #7	04/06/11	04/07/11	Link 2	Northern access road to EP 79
TEWS #8	04/14/11	04/14/11	Link 2	Northeast spur of access road to EP 84
TEWS #9	05/17/11	05/24/11	Link 1	Use of SWPL tower sites for parking (EP331-341)
TEWS #10	05/24/11	05/24/11	Link 5	Parking and pullsite adjacent to Alliant University
TEWS #11	06/16/11	06/16/11	Link 1	Use of alternative access to EP 240, per the request of the landowner at JVR
TEWS #12	06/20/11	06/20/11	Link 1	Use of SWPL tower sites for parking (EP295-299)
TEWS #13	06/30/11	07/01/11	Link 1	Use of SWPL tower site for parking (EP324)
TEWS #14	07/01/11	07/01/11	Link 1	Use of SWPL tower sites for parking (EP300, EP302, EP306, EP307, EP312)
TEWS #15	07/06/11	07/06/11	Link 1	Use of SWPL tower sites for parking (EP294, EP303, EP304, EP305)
TEWS #16	07/11/11	07/12/11	Link 5	Parking near CP20
TEWS #17	07/11/11	07/12/11	Link 5	Parking near CP24
TEWS #18	07/11/11	07/12/11	Link 5	Parking near CP29
TEWS #19	07/18/11	07/19/11	Link 1	Parking near EP314
TEWS #20	07/22/11	07/25/11	Link 1	Parking near EP315
TEWS #21	08/05/11	08/05/11	Link 1	Parking near EP290
TEWS #22	08/09/11	08/10/11	Link 2	Parking near EP90/EP91
TEWS #23	09/07/11	09/07/11	Link 5	Temporary use of access road near El Monte Rd (12 kV)
TEWS #24	09/13/11	09/13/11	Link 2	Temporary use of access road near Barrett Substation
TEWS #25	09/28/11	10/03/11	Link 1	Parking and Staging area adjacent to EP301.

NON-COMPLIANCES & INCIDENTS

CPUC Project Memorandum (PM) and Non-Compliance Reports (NCR), and Corps Non-Compliances (NC) that have been issued to date are presented in Table 4.

TABLE 4
NON-COMPLIANCES (NC) AND PROJECT MEMORANDA (PM)
(Updated 10/05/2011)

Type	Date	Location	Description
PM #1	12/07/10	Thomas Yard	Failure to report unanticipated biological resources within 48 hours.
PM #2	02/11/11	EP 242, Link 1	Unauthorized ground disturbance at EP 242
NC #1	03/08/11	Suncrest Substation	Army Corp of Engineers issued Non-Compliance for not complying with Special Conditions 19, 21 and 23 of DA Permit SPL-2007-00704-SAS.
PM #3	03/15/11	CP 67-3, Link 5	Staking crews operating and delivered by helicopters within Golden Eagle Buffer area.
PM #4	04/06/11	Swat Yard	Unauthorized Nest Removal from a water truck at SWAT Construction yard.
PM #5	05/16/11	EP 340, Link 1	Operation of water trucks outside of approved disturbance areas at EP 340.
PM #6	09/16/11	EP271, Link 1	Construction activities commenced at EP271 prior to the arrival of biological monitor.
Stop Work Order	09/27/11	Helicopter Operations	A pattern of helicopter incidents posed a serious concern for the safety of the general public.
PM #7	09/28/11	AER CY	Construction crew entered AER CY prior to Peninsular Bighorn Sheep monitor clearing the site.
NCR #1	09/28/11	Link 1	CPUC issued NCR for breaching a marked Environmentally Sensitive Area (ESA), construction activity without proper monitor present, and failing to communicate the event in a timely fashion.

Other compliance incidents identified by SDG&E monitoring staff and/or crews are presented in Table 5.

TABLE 5
PROJECT INCIDENTS
(Updated 10/05/2011)

Type	Date	Location	Description
Incident	11/01/10	White Star	Delivery of a rebar cage outside of the approved disturbance area.
Incident	02/17/11	EP 244, Link 1	Nest incorrectly marked at entrance to EP 244.
Incident	02/18/11	Alpine HQ	Emergency weather landing and storage of 3 helicopters at Alpine HQ.
Incident	03/12/11	EP 252, Link 1	Bulldozer was delivered at site prior to CPUC clearance being given.
Incident	03/15/11	EP 214, Link 1	Dewatering approximately 1 gal of groundwater from an excavation hole without having submitted a dewatering plan to the CPUC.
Incident	04/06/11	JVR 12 kV, Link 1	Confusion on approved work areas due to varying maps having been distributed to workers and monitors.

Type	Date	Location	Description
Incident	04/07/11	JVR 12 kV, Link 1	A site was worked on prior to CPUC EM construction release having been received for the area, no resources were damaged.
Incident	05/05/11	Link 4	Three small fires were reported on Link 4 Underground. Fire tools were used by the on-site fire patrol to immediately respond per the Sunrise Fire Plan. Notification to Alpine Fire was made.
Incident	05/17/11	Link 1	BMP crew drove off the road between EP345 and EP346 and park within the ESA boundary.
Incident	06/07/11	Link 1	During the aerial delivery of a structure body to EP339, approximately 200 ft outside of Plaster City Yard, the piece fell from the Aircrane. No injuries have been reported.
Incident	06/10/11	Link 1	During the aerial delivery of a structure layback to EP 339, at the EP 339 construction site, 3 of the 4 hooks released and caused an emergency placement of the steel at the site. While in the process of placing on the ground, the 4 th hook released and the tower fell to the ground. No injuries have been reported.
Incident	07/07/11	Link 1	A project water tanker was stuck on the side of Evan Hughes Highway and released approximately 1,000 gallons of potable water into Coyote Wash, after pulling over to evaluate a bridge crossing. All necessary notifications were made.
Incident	07/07/11	Link 5	Construction vehicles, including project fire truck, were noted to be outside of approved disturbance areas at CP40 and CP41. Link leads were notified and immediate corrective action was taken.
Incident	07/11/11	Link 1	A skid fell off the KMax Helicopter while en route to a tower site. The skid was within the Project ROW and no injuries were reported. The item was retrieved on foot.
Incident	07/28/11	Link 1	Unapproved disturbance of approximately 50'x100' occurred during the grading operations of the AER yard. No resources were impacted.
Incident	08/04/11	Link 1	An air compressor was dropped approximately 500 ft north of EP327, from a KMax helicopter while in transit to a micropile site. Approximately 50-60 gallons of diesel was spilled in an area of approximately 75' in diameter. Site has been cleared and appropriate agencies have been contacted.
Incident	08/05/11	Link 3	Small fire resulted from excavation activities along BBTT. Burned an area approximately 50'x50' prior to it being extinguished. Notifications were made immediately.
Incident	08/13/11	Link 2	Accident along Lyons Valley Rd, where a project truck went off the embankment by 300'. No injuries reported. Assessment team was sent to the site and notifications were made.
Incident	08/15/11	Link 2	Sparks caused by loose chain from a project vehicle interacting with the roadway started a 2-acre fire. The fire was extinguished and proper notifications were made.

Type	Date	Location	Description
Incident	08/18/11	Link 2	An unsteady load caused a forklift to fall to its side at EP 91. A small spill of hydraulic fluid took place, all disturbance was contained within the established work area, and no injuries were reported.
Incident	09/08/11	Link 2	CPUC EM noted a water truck entering EP91 after not having stopped at designated wash station. Corrective action was taken.
Incident	09/12/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/13/11	Link 5	Crew performed minor clearing prior to the arrival of biological monitor.
Incident	09/15/11	Link 5	Micropile platform at CP67-3 rolled 50' downhill after unstable placement. A helicopter removed from site to limit damage. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/19/11	Link 2	Small fire near EP42 started due to excavator hitting a rock during grading operations. This was immediately put out by onsite personnel using their required fire supplies.
Incident	09/19/11	Link 2	2 Micropile pipes were dropped during helicopter operations near CP107 and rolled down hill to injure a worker trying to stop them. Minor vegetation damage that was surveyed by onsite biologist.
Incident	09/20/11	Link 1	Trackout from EP252 was noted to Link Lead and was immediately remedied.
Incident	09/20/11	Link 1	Project vehicles were noted to parking outside of the approved project disturbance. Link Lead was notified and vehicles were immediately relocated.
Incident	09/21/11	Link 1	Dozer operator drove approximately 260 ft off of ROW near EP322. Area was surveyed Cultural and Biological monitor.
Incident	09/21/11	Link 3	Approximately 800 gallons of potable water was released from Northern Sediment basin. Appropriate agencies were notified.
Incident	09/22/11	Link 3	Plywood load from helicopter dropped within substation boundaries. No injuries were reported.
Incident	09/23/11	Link 1	Improperly covered foundations holes were noted to the Link Lead. Follow up was performed with crews.
Incident	09/26/11	Link 1	Straw wattles en route via helicopter dropped into open area. No injuries were reported.

CONSTRUCTION PROGRESS

Table 6 provides a summary of construction progress through the end of the subject reporting period, with the exception of towers released for construction which reflects towers released to date.

TABLE 6
CONSTRUCTION PROGRESS

Agency	Total Towers	Released for Construction thru 10/05/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	168	160	66	24	3
Bureau of Land Management	180	163	76	56	30
US Forest Service	76	68	0	0	0
Miramar	12	12	1	1	0
Total	436	403	137	81	33

PROJECT PHOTOGRAPHS



Figure 1: Using an eco-pan for concrete truck washout at EP251. (Link 1)



Figure 2: View of towers EP90 (left), EP91 (right), and EP92 (middle). (Link 2)



Figure 3: Road improvement on La Posta Road. (Link 2)



Figure 4: Slay Property, pull site, and tower pad in foreground; Bauer Property to upper left. (Link 4)



Figure 5: Boulder removal and site preparation at CP47-2. (Link 5)



Figure 6: Rugged terrain at CP47-2 with TSAP above. (Link 5)



Figure 7: Conventional drilling in a rocky area at CP70-3. (Link 2)



Figure 8: Soil not properly mounded around the edges of the steel plate. (Link 1)



Figure 9: Forming blast walls between transformers at Suncrest Substation. (Link 3)



Figure 10: Aerial view of McCain Valley Construction Yard. (Link 1)