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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: January 6, 2012
Subject: Weekly Report 64 – December 4 to December 10, 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 Brit O'Brian.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Boulder removal occurred at Tower EP185-1.
- Grading occurred at EP185-1 and EP258-3.
- Grading occurred in preparation for the regeneration site at EP215.
- Final grading occurred at EP258.
- Site preparation for micropile drilling occurred at EP237-1.
- Micropile drilling occurred at EP228, EP236-1, EP237-1, and EP254-3.
- Micropile cap work occurred at EP221A, EP223-1, EP226-1, EP227, EP229-1, and EP254-3.
- Conventional drilling occurred at EP185-1.
- Form removal and cleanup occurred at EP184-1.
- Equipment was demobilized from EP184-1.
- Tower assembly occurred at EP259-3, EP259B, EP261-2, EP261A, and EP262-4.
- QA/QC occurred at EP224-1.
- Concrete block anchors were installed at EP259B, EP261-2, EP261A, and EP262-4.
- Concrete block anchors were removed at EP221-2, EP221A, EP223-1, EP224-1, EP225-1, EP226-1, EP229-1, EP230-1, EP231-1, EP231A, EP232-1, EP235-1, EP238-1, EP261A, and EP262-4.
- Ground resistance testing occurred at EP258-3, EP259-3, and EP259B.



- Ground rod installation occurred at EP245-1.
- Fiber testing occurred from EP291 through EP363-1.

BLM Lands:

- Boulder removal occurred at EP146, EP147, EP148-1, and EP189-3.
- Access road construction occurred at EP170-N and EP171-N.
- Stream rock crossings were installed at EP170, EP171, and EP176.
- Final grading occurred from EP290 to EP294.
- Final grading occurred at tower sites and along access roads from EP300-1 to EP312.
- Site preparation for micropile drilling occurred at EP145, EP148, EP149, and EP189-3.
- Micropile drilling occurred at EP193-2, EP194-3, EP195-2, and EP196-2.
- Micropile trimming and cleanup occurred at EP274-1, EP278-1, and EP279-1.
- Micropile cap work occurred at EP145, EP146, EP147, EP271-2, EP276-1, EP277-1, and EP280-2.
- Conventional drilling occurred at EP177 and EP193-2.
- Rebar installation occurred at EP193-2.
- Concrete pouring occurred at EP193-2.
- Tower assembly occurred at EP263A-2, EP265 2, EP266-2, EP267-2, EP269-1, EP270-2, EP271-2, EP272-3, EP273-1, EP274 1, EP275-1, EP276-1, EP277-1, EP279-1, EP280-2, and EP281.
- Miscellaneous tower work (anti-climbing guards and bird deterrents) occurred at EP292-1, EP293, EP294, EP300-1, EP302-1, EP303-2, EP304-2, and EP306-1.
- QA/QC occurred at EP269-1, EP271-2, EP272-3, EP273-1, EP276-1, EP278-1, EP279 1, and EP280-2.
- Concrete block anchors were installed at EP263-2, EP264-4, EP265-2, and EP270-2.
- Concrete block anchors were removed at EP263A-2 and 263B-2.
- Ground resistance testing occurred at EP266-2, EP267-2, EP269-1, EP270-2, EP271-2, EP272-3, EP273-1, and EP274-1.
- Ground rod installation occurred at EP171, EP172, EP173-1, EP174, EP191-2, EP192-2, EP247, and EP305-3.
- Mobilization of equipment and snub installation occurred at EP292-1 pull site.
- Travelers were installed from EP269-1 to EP290.
- Insulator work occurred from EP269-1 to EP290 and at EP363-1.
- Snubs were backfilled and equipment staging occurred at EP292-1 pull site.
- Guard structure EP267-2-GS-NF-38 was installed on the north and south sides of I-8.
- Guard structure netting was installed at EP267-2-GS-NF-38 and EP281.
- Two phases of conductor were pulled from EP363-1 to Imperial Valley Substation.
- Splicing occurred at EP301.
- Fiber testing occurred from EP291 through EP363-1.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at EP26-1, EP27-1, EP30-2, EP30-2 pull site, EP83 pull site north, and EP32-1.
- Tree trimming occurred along EP105-2-E-B.

- Access road construction occurred at EP58-2-N, EP63-E to EP65-1-E, EP83-N, EP83-PS-N-B (see Figure 1), and EP84-E-D.
- Grading occurred along EP93-N.
- Driveway construction occurred at EP89-1-E and EP93.
- Micropile setup occurred at EP106-3.
- Micropile cap work occurred at EP79, EP81, EP85-2, and EP86-1.
- Conventional drilling occurred at EP26-1 and EP27-1.
- Various foundation work (curing, cage installation, etc.) occurred at EP26-1 and EP27-1.
- Concrete pouring occurred at EP26-1.
- Arroyo toad fencing was installed at the EP66-E, EP67 pull sites, and EP76-2-E.
- Hydromulching occurred at EP93 and EP93-N.

BLM Lands:

- Access road construction occurred at EP47-2-PS-N, EP49-E to EP51-1-E, and EP63-E to EP65-1-E.
- Dexpan boulder removal occurred at EP49 and EP74-1.
- Gate installation occurred at EP39-1 and EP96.
- Micropile site preparation occurred at EP50, EP56-4, EP102A-1, EP106-3, and EP107-3.
- Micropile cleanup occurred at EP47-2.
- Conventional drilling occurred at EP39-1, EP94, EP95, EP96, EP97, EP98-1, EP99-2, EP103 2, and EP104-2.
- Various foundation work (curing, cage installation, etc.) occurred at EP96,
- Concrete pouring occurred at EP 95 (see Figure 2), EP96, and EP103-2.
- Form removal occurred at EP94 and EP95.
- Sagging of conductor and fiber, dead-end work, marker ball installation, and equipment mobilization occurred from EP42 to EP47-2.
- Spacing occurred from EP42 to EP45.
- Arroyo toad fencing was installed between EP76-2-E and EP79-E-C (see Figure 3).
- Hydromulching occurred from EP94 to EP99-2 and from EP94-N to EP99-2-N-B.

US Forest Service Lands:

- During this reporting period, the PALs were as follows: Monday: A, Tuesday: C, Wednesday: C, Thursday: B, Friday: B, and Saturday: D. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Access road construction occurred at EP11-3-N, EP12-3-N, EP22-1-PS-N, EP35-1-N, EP58-2-N, EP112-3-E, EP113 5-PS-N-A, EP113-5-PS-N-B, and EP138-2-E-A (GE).
- Vegetation clearing occurred at EP11-3, EP22-1 pull site, EP112-3, EP113-5 pull sites, EP120 4 TSAP, EP120A TSAP, EP121A TSAP, EP121-3 TSAP, EP122-1 TSAP, EP123-1 TSAP.
- Gate installation occurred at EP11-3, EP121-3 to EP128, EP121-3-E to EP141-N, and EP142-1.
- Micropile drilling occurred at EP3-3, EP5-2, and EP7-1.
- Micropile capping occurred at EP2-3.
- Equipment was mobilized to EP112A-1.
- Soil boring occurred at 112-3.
- Conventional drilling occurred at EP113-5.

- Dead-end and traveler work, sagging, and clipping in occurred from EP131 to EP141.
 - Hydromulching occurred at EP135 (GE), EP136(GE), and EP138-2(GE).
3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):
- Revitalization occurred near Bay Meadows and Louise Drive.
 - Pre-racking/Racking and cleaning manholes for ABB (and jointing/splicing) occurred at Vaults V5L, V19L, V20L, V8R, and V9R.
 - Fiber pulling occurred from V12R to V17R and V13L to V17L.
 - Paving (including paving prep) occurred near V5R to V6R.
 - Proofing occurred from V18R to V19R.
 - Cable pulling occurred from V1R to riser and V1R to V2R.
 - Scaffolding was erected at CP95 and Loritz Property and Slay riser poles.
 - Terminating occurred at Loritz riser pole.
 - Grading occurred at Bauer/Slay property and Caltrans bore location.
 - Raise manhole necking to grade (also adjusting necking at V12R, V12L, and V19R).
 - The jack and bore at Alpine Creek was completed.
 - Preparation began for the removal of Bauer Bridge (see Figures 4 & 5).

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation clearing occurred at CP33-2, CP34-2, CP35-2, CP37-2, CP46 TSAP, CP47 TSAP, and CP55.
- Access road construction was conducted at CP49-1-PS-N (see Figure 6).
- Grading took place at CP49 pull site (see Figure 7).
- Dexpan boulder breaking occurred at CP29-1, CP31-2, CP48-2, CP49-1, CP76-1, CP77, and CP83.
- Micropile drilling was conducted at CP51-2, CP53-1, CP55, CP76-1, and CP84.
- Grouting took place at CP21, CP23, CP57, CP79-1, CP80-2, and CP81-1.
- Micropile trimming occurred at CP56-1.
- Micropile capping work was conducted at CP21.
- Tower assembly took place at CP16-1.
- Spacers, marker balls, and jumpers were installed from CP65-1 to CP75-1 (golden eagle [GE]).
- Dead-end work, sagging, and clipping occurred from CP65-1 to CP75-1 (GE).
- Sagging and clipping OPGW and conductor was conducted from CP100-1 to CP109-1 (GE).
- Dead-end work and marker balls were installed from CP100-1 to CP109-1 (GE).
- Ground resistance testing took place at CP65-1, CP87-1, CP88-1, and CP95-1.
- Radio tower disassembled at CP108.

BLM Lands, 220 kV Overhead Transmission Line:

- Micropile drilling occurred at CP59.
- Micropile trimming at CP58-1 and CP62A.
- Dead-end work, sagging, and clipping from CP65-1 to CP75-1.

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

- Access road construction occurred at CP10, CP11-1, and CP15-1-PS-E.
- Concrete pouring was conducted at CP15-1.

- Form removal and cleanup took place at CP15-1.

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, the PAL Levels were as follows: Monday – E, Tuesday – E, Wednesday – Ev, Thursday – D, Friday – C, and Saturday – D. Work activities ended each day in accordance with the Fire Plan and the approved Ev letter as appropriate.
- Conventional drilling occurred at CP99-2.
- Clean-up work was conducted at CP98-1 (see Figure 8).
- Dead-end work, sagging, and clipping was conducted from CP65-1 to CP75-1 (GE).
- Sagging and clipping of OPGW and conductor took place from CP100-1 to CP109-1 (GE).
- Dead-end work and marker ball installation occurred from CP100-1 to CP109-1 (GE).
- Ground rod installation and testing was conducted at CP100-1.

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:

- Maintained from EP170-N to EP210 and EP303-2.

BLM Lands:

- Maintained from EP170-N to EP210.
- Removed from EP300-1 to EP312

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

Non-Federal Lands:

- Installed at EP26-1, EP27-1, EP30-2-N, EP58-2-N, EP77, EP78A, EP79, EP82 pull site north, EP83-PS-N-B, EP93, and EP93-N.

US Forest Service Lands:

- Installed at EP11-3-N, EP12-3-N, EP22-1-PS-N, EP35-1-E, EP58-2-N, EP112-3-E, EP112 3, EP113-5 pull site, EP121-3 to EP128, EP121-3-E to EP141-N, and EP142-1.

BLM Lands:

- Installed at EP42-N, EP75-2, EP76-2, EP94 to EP99-2, and EP94-N to EP99-2-N-B.

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

- No BMP installation or maintenance was reported.

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

Non-Federal Lands:

- BMP installation occurred at CP16-1, CP23, CP31-2, CP48-2, CP49-1, and CP71.
- BMP maintenance was conducted at CP55, CP70-3, CP98-N-A, CP98-N-B, and CP99-N.

- Hydromulching near CP108.

BLM Lands:

- BMPs maintenance occurred at CP61-1.
- Hydroseeding was conducted at CP68-1.

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

- BMP installation occurred at CP10, CP11-1, and CP15-1.

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

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

US Forest Service Lands:

- BMP maintenance occurred at CP69-2, and CP100-1-N.
- Hydromulching was conducted at CP104-1 and CP105-1.

6. Peninsular bighorn sheep (PBS) were reportedly observed in Mountain Springs Grade on December 4, 5, 6, and 7, 2011.
7. One silvery legless lizard (*Anniella pulchra pulchra*) was relocated from EP196. One American badger (*Taxidea taxus*) was found dead near EP259-3. (Link 1)
8. Three silvery legless lizards (*Anniella pulchra pulchra*) were found dead; two at EP11-3 and one at EP35. Eight silvery legless lizards were relocated; six from EP11-3, one from EP104-2, and one from EP106-3. Four Coronado skinks (*Plestidon skiltonianus interparietalis*) were found dead at the EP30 Pullsite. Four Coronado skinks (*Plestidon skiltonianus interparietalis*) were relocated; one from EP83 North pull site and three from EP11-3. One Coast Horned Lizard (*Phrynosoma blainvillii*) was relocated from EP11-3. (Link 2)
9. Two Coronado skinks (*Plestidon skiltonianus interparietalis*) were relocated from CP77 to a more suitable habitat away from construction activities. (Link 5)
10. Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log. (Link 2)
11. 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): Soil was removed and re-compacted along Bell Bluff Truck Trail (BBTT), east of the guard shack. Class 2 base was also placed along BBTT. Final grading and placement of Class 2 base occurred in the 230kV portion of the yard. Final grading and placement of Class 2 base also took place in the northwest quadrant of the pad. Steel erection was conducted in the southwest quadrant of the pad. Trenching for conduit and ground grid continued in the southwest quadrant. Foundation pads were formed and concrete was poured. Rock was crushed for select fill material and Class 2 base. Wire pulling activities continued in the northwest quadrant of the pad. Tension bands were wrapped around the water tank near the trailers. Forms and scaffolding were removed from the water tank and a second layer of shotcrete was poured.

2. Imperial Valley (IV) Substation Upgrade (BLM lands): Crews staged equipment in the northwest corner of the substation. Crews worked in Bay 4, erecting steel frames and bus supports. An outage remained in place to allow the completion of work. Wiring and other work continued inside the new storage warehouse.
3. San Luis Rey Substation (non-federal lands): No Sunrise-related work occurred during the reporting period.
4. Encina Substation (non-federal lands): The contractor built forms and backfilled around the newly poured containment pit for the 230kV transformer.
5. Sycamore Substation (non-federal lands): Crews worked on building disconnects for 230kV upgrades.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. BMP maintenance and installation occurred along Bell Bluff Truck Trail (BBTT) and on the substation pad near both northern and southern detention basins.

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):

Jennifer McDonald

CONSTRUCTION YARDS AND OTHER WORKSPACES:

Summary of Activity:

Non-Federal Lands:

1. Alpine Construction Yard – Materials staging and weed wash station operations occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Helicopter operations, tower assembly, staging for wire stringing, grouting operations, and dust control efforts occurred.
4. Barrett Canyon Yard – Helicopter operations, dust suppression, and weed wash station operations occurred.
5. Bartlett-Hauser Yard – Water staging, weed maintenance, dust suppression, equipment staging, and weed wash station operations occurred.
6. Fromm Yard – Tower assembly, helicopter operations, staging for tower erection and wire stringing crews, water staging, removal of fence slats, and dust suppression occurred.
7. El Monte Yard – Crew staging, water staging, equipment and materials staging, helicopter operations, and dust suppression took place in the yard.
8. Helix Yard – Helicopter operations, equipment and materials staging, concrete and crew staging, grouting operations, weed wash station, dust suppression, staging for tree trimming activities, water staging, micropile and wire crew staging, and weed maintenance occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, water and equipment staging, QC, tower erection and wiring stringing crew staging, dust suppression, tower assembly, and hub for coordination of activities within Peninsular Bighorn Sheep (PBS) areas occurred.
10. Kreutzkamp Yard – Helicopter operations, staging for road, conventional foundation, and BMP crews, weed maintenance, weed wash station operations, water staging, and dust suppression occurred.

11. Rough Acres Yard – Helicopter operations, staging for foundation and BMP crews, materials staging, water staging, dust suppression and weed wash station usage was conducted.
12. SWAT Yard – Concrete staging, water staging, helicopter operations, staging for road, BMP and wire crews occurred.
13. S2 Yard – Water staging, helicopter operations (see Figure 9), tower assembly, staging for erection and wire stringing crews, dust suppression, and staging for survey, road, QC, and assembly crews occurred.
14. Sycamore Yard – Weed wash station, dust suppression, and water staging (from hydrant), tower assembly, BMP, road crew, micropile, brush clearing, and foundation crew staging occurred.
15. Wilson Yard – Materials were staged for Suncrest Substation. Helicopter operations, micropile and wire crew staging, water staging and dust suppression took place.

Federal Lands (BLM):

16. Dunaway Yard – No activity occurred during the reporting period.
17. Imperial Valley Yard – No activity occurred during the reporting period.
18. McCain Valley Yard – Tower assembly, helicopter operations, staging for micropile and conventional drilling crews, dust suppression, and water staging occurred.
19. Plaster City Yard – Office trailers were demobilized.

Federal Lands (USFS):

20. Thing Valley Yard – Helicopter operations, water staging, dust suppression, and staging for road, gate installation, wire, TSAP, and BMP crews occurred.

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. One silvery legless lizard (*Anniella pulchra pulchra*) was relocated from Thing Valley Yard.
3. Two Pacific Chorus Frogs (*Pseudacris regilla*) were relocated from Kreutzcamp Yard.

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):

Jennifer MacDonald, USFS.

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 01/06/2012)

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

NTP#	Date Requested	Date Issued	Segment #	Description
#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 01/06/2012)

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
#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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#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	10/20/11	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	10/18/11	Link 1	Temporary Staging area near Mountain Springs Grade Rd.
#28	10/19/11	Denied	Link 3	Allow work to continue at Suncrest Substation during a Red Flag Warning (RFW) event.
#29	10/21/11	11/01/11	Link 1, 2, & 5	Additional guard structures identified for wire pulling activities.
#29 Mod	01/04/12	01/06/12		Modification to guard structure location.
#30	11/01/11	11/15/11	Links 1, 2, & 5	Temporary parking and turn around areas.
#31	11/08/11	Retracted	Links 2 & 5	Request for site specific exemption of Condition 37 of NTP 13.
#32	11/15/11	12/09/11	Links 1, 2, & 5	Additional workspace for wire pulling activities.
#32 Mod	01/04/12	To CPUC		Modification to guard structure location

Variance Request	Date Requested	Date Issued	Segment #	Description
#33	11/28/11	Under Review	Links 1, 2, &5	Additional workspace for structure access and wire pulling activities.
#34	11/29/11	12/02/11	Links 2&5	Extension of allowable work window within GE buffer (MM B-7h).
#35	12/22/11	01/04/12	Link 5	Improvements to existing road & drainage, Simpson property.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 01/06/2012)

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	06/30/11	07/07/11	Link 1	Additional parking along Mountain Springs Grade Rd.
TEWS #17	07/11/11	07/12/11	Link 5	Parking near CP20
TEWS #18	07/11/11	07/12/11	Link 5	Parking near CP24
TEWS #19	07/11/11	07/12/11	Link 5	Parking near CP29
TEWS #20	07/18/11	07/19/11	Link 1	Parking near EP314
TEWS #21	07/22/11	07/25/11	Link 1	Parking near EP315
TEWS #22	07/26/11	07/26/11	Link 1	Parking near EP291-293
TEWS #23	08/05/11	08/05/11	Link 1	Parking near EP290
TEWS #24	08/09/11	08/10/11	Link 2	Parking near EP90/EP91
TEWS #25	09/07/11	09/07/11	Link 5	Temporary use of access road near El Monte Rd (12 kV)

TEWS Request	Date Requested	Date Approved	Segment #	Description
TEWS #26	09/13/11	09/13/11	Link 2	Temporary use of access road near Barrett Substation
TEWS #27	09/29/11	09/30/11	Link 1	Parking near EP248.
TEWS #28	09/28/11	10/03/11	Link 1	Parking and Staging area adjacent to EP301.
TEWS #29	09/13/11	09/13/11	Link 2	Placement of Water Tank at Barrett Substation.
TEWS #30	10/06/11	10/06/11	Link 1	Parking and Staging at Chevron Gas Station on Carrizo Gorge Rd.
TEWS #31	11/09/11	11/10/11	Link 1	Parking at EP252A-1 and EP254-3-E.
TEWS #32	11/09/11	11/15/11	Link 5	Temporary material and equipment staging area off of Willows Rd.

NON-COMPLIANCES & INCIDENTS

CPUC and USFS Stop Work Orders, Project Memorandum (PM) and Non-Compliance Reports (NCR), and U.S. Army 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 12/08/2011)

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 GE 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.
FS NCR #1	10/27/11	Link 2 & 5	FS SUP Exhibit 4 and Traffic Control Plan violations.
NCR #2	10/27/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.

Type	Date	Location	Description
FS NCR #2	11/03/11	Link 2 & 5	Fire Plan and Traffic Control Plan violations.
FS NCR #3	11/30/11	Link 2 & 5	Tower assembly, erection and wire stringing work is suspended for towers not associated with GE buffers on the Cleveland National Forest until resolution of all noncompliance colorization issues are agreed upon by the Forest Service
NCR #3	12/29/11	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
NCR #4	01/14/12	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.

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

TABLE 5
PROJECT INCIDENTS
(Updated 01/06/2012)

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.
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.

Type	Date	Location	Description
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.
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	08/22/11	Link 1	Crew member threw a rock and knocked down a rock cairn located within an ESA. Appropriate agencies were notified.
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.

Type	Date	Location	Description
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.
Incident	10/12/11	Link 1	A drill rig pulled to the side of the access road near EP185/EP186 and inadvertently crushed vegetation.
Incident	10/12/11	Link 4	Approximately 50 gallons of diesel fuel was released immediately off of Puetz Valley Rd. Site was cleaned and stained soils removed. Appropriate agencies were contacted.
Incident	10/19/11	Link 1	A door fell off a helicopter near Plaster City Yard close to EP332. No injuries were reported.
Incident	11/03/11	Link 1	Injury occurred when a tower leg fell onsite. Events surrounding the incident are still undergoing investigation. Disturbance occurred outside of approved areas. Biological/cultural monitors reviewed and found no resources to be damaged.
Incident	11/05/11	Link 5	Sediment off ROW at CP55/56 access road.
Incident	11/09/11	Link 2	Landing of project helicopter on unapproved disturbance areas.
Incident	11/15/11	Link 5	Off ROW incident along access road to CP65/66 pull site.
Incident	11/16/11	Link 1	Off ROW incident along access road to EP 226/227 pull site.
Incident	11/16/11	Link 3	Trash noted to be blown around during Air Crane activities at the Wilson Yard.
Incident	11/22/11	Link 5	Track out noted on El Monte Rd from access in/out of CP64/65 pull site. Street sweeper was dispatched.
Incident	12/03/11	Link 1	PHS habitat violation with low elevation flights in restricted areas.
Incident	12/04/11	Link 1	PHS habitat violation with low elevation flights in restricted areas.

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 12/07/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	87	52	14
Bureau of Land Management	180	180	122	88	58
US Forest Service	75	75	20	16	0
Miramar	12	12	3	3	0
Total	436	436	232	159	72

PROJECT PHOTOGRAPHS



Figure 1: Grading of EP83 pull site. (Link 2)



Figure 2: Pouring concrete at EP95. (Link 2)



Figure 3: Installation of Arroyo Toad exclusionary fencing near EP78. (Link 2)



Figure 4: Preparation for removal of temporary bridge at Bauer Property. (Link 4)



Figure 5: Bridge removed at Bauer Property. Pedestrian footbridge in place.
(Link 4)



Figure 6: Grading at CP49-1-PS-N. (Link 5)



Figure 7: Grading at CP49-1 pull site. (Link 5)



Figure 8: Foundation activities at CP98-1. (Link 5)



Figure 9: Air crane tower pick at S-2 Construction Yard. (Link 1)