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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 16, 2012
Subject: Weekly Report 66 – December 18 to December 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): Brian Woodward, Valerie Yep, and David Lee.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Guard structure clearing occurred at Tower EP221-2.
- Grading was conducted at EP237-1 pull site.
- Foundation preparation and pouring concrete occurred for the regeneration site at EP215.
- Final grading took place from EP256-E to CYAER-E and EP258.
- Conventional drilling, concrete pouring, and form removal occurred at EP185-1.
- Micropile drilling occurred at EP237-1 and EP252A-1.
- Micropile cap work was conducted at EP225-1, EP236, EP237, and EP261A.
- Tower assembly took place at EP199-3, from EP255-2 to EP258, EP261-2, and EP262-4.
- Miscellaneous tower work (installing anti-climbing guards, bird deterrents, and/or signs) occurred from EP207 to EP220-1, EP296, and from EP337 to EP339.
- Cleanup was conducted from EP261-2 to EP262-4.
- QA/QC took place at EP261-2 and EP262-4.
- Ground resistance testing occurred at EP262-4.
- Traveler work was conducted at EP255-2 and EP259-3.
- Insulator work took place at EP255-2.
- Sock line, haulback, conductor, and OPGW were pulled from EP255-2 pull site to EP269-1 pull site (see Figure 1).
- Netting, guy wire, and traveler removal occurred at EP281,
- Implosive sleeving was conducted at EP255-2.



BLM Lands:

- Vegetation clearing occurred at EP187-2 and EP189-3.
- Guard structure clearing was conducted at EP190-2, EP197-3, EP247, EP248-1, and EP251.
- Blasting took place at EP170.
- Final grading occurred from EP197 to EP199.
- Conventional drilling was conducted at EP189-3.
- Micropile drilling took place at EP144, EP148-1, EP149, EP152-2, and EP188-1.
- Grouting occurred at EP194, EP195, EP196, and EP249.
- Micropile cap work was conducted at EP263A-2, EP263B-2, EP264-4, EP265-2, and from EP270-2 to EP281.
- Tower assembly took place at EP179, from EP197-2 to EP198-3, EP248, EP263A-2, EP263B-2, EP264-4, EP265-2, EP266-2, and from EP276-1 to EP279.
- Miscellaneous tower work (installing anti-climbing guards, bird deterrents, and/or signs) occurred from EP200-3 to EP206-1, from EP290 to EP295, from EP297 to EP336, and from EP340 to EP341.
- Clean up was conducted from EP263A-2 to EP264-4.
- QA/QC took place at EP262A-2, EP264-4, EP265-2, and EP274-1.
- Ground resistance testing occurred at EP247, EP248-1, EP250, EP251, EP263A-2, EP263B-2, EP264-4, and EP265-2.
- Traveler work was performed at EP263A-2, EP265-2, EP266-2, EP267-2, EP271-2, and EP275-1.
- Insulator work was conducted at EP281.
- Sock line, haulback, conductor, and OPGW were pulled from EP255-2 pull site to EP269-1 pull site (see Figure 2).
- Sagging and clipping took place from EP269-1 pull site to EP292-1 pull site.
- Jumpers were installed at EP290 and EP291.
- Dead-end work occurred at EP270-2, EP271-2, EP274-1, and EP275-1.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation clearing occurred at GS-NF-1, GS-NF-4, GS-NF-6, GS-NF-14, GS-NF-15, GS NF 17, GS-NF-21, EP64, EP77, GS-NF-22, EP83 pull site south, EP87-1, EP118-2, and EP119-2.
- Access road construction occurred at CY-SWAT-E, EP58-2-N through EP63-E, and EP83-PS-N-A.
- Grading occurred along CY-Kreutzkamp-E and EP83 pull site south (see Figure 3).
- Tree trimming occurred at EP107-3.
- Barrier fence was installed at EP93.
- Micropile cap work occurred at EP79, EP80, and EP81.
- Conventional drilling occurred at EP105-2.
- Various foundation work (curing, cage installation, etc.) occurred at EP30-2.
- Concrete pouring occurred at EP30-2 and EP32-1.
- Form removal occurred at EP27-1, EP30-2, and EP32-1.
- Ground resistance testing occurred at EP104-2.
- Arroyo toad fencing was installed at/between EP65-1 and EP68, EP66-E, and EP77 and EP79.

BLM Lands:

- Vegetation clearing occurred at EP73-1, EP75-2, EP76-2, and EP103-2.
- Access road construction occurred from EP58-2-N to EP63-E.
- Tree trimming occurred at EP102-3.
- Blasting occurred at EP39-1.
- Conventional drilling occurred at EP39-1, EP49, and EP51-1.
- Concrete pouring occurred at EP39-1 and EP99-2.
- Form removal occurred at EP96, EP98-1, and EP99-2.
- Miscellaneous tower work (anti-climbing guards, bird deterrents, lights, and/or signs) occurred at EP47-2.
- Ground resistance testing occurred from EP94 to EP97 and at EP103A.
- Arroyo toad fencing was installed between EP65-1 and EP68 and along EP68-E access road.

US Forest Service Lands:

- During this reporting period, the PAL Levels were as follows: Monday-A, Tuesday-A, Wednesday-B, Thursday-C, Friday-D, 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 EP58-2-N through EP63-E, EP113-5-E, and EP116-1-E.
- Vegetation clearing occurred at EP10-2, EP10-2 landing platform site, EP12-3 pull site, EP22 1 pull site, EP33-1, EP34-1, EP35-1, EP36-1, EP37-2 TSAP, EP58-2, EP58-2-N, EP108 2, EP110-2, EP111-4, EP114-2, EP115-1, EP116-1, GS-USFS-6, EP117-2, and EP118-2.
- Topsoil salvage occurred at EP12-3 pull site and EP22-1 pull site.
- Grading occurred at EP36-1, EP37-2 TSAP, EP108-2, and EP110-2.
- Dexpan boulder busting occurred at EP36-1.
- An old gate and fence were removed from EP24-1-E.
- Gate and barrier installation occurred at EP9-1-N, EP11-3-E, and EP116-1-E.
- Driveway work occurred at EP9-1, EP11-3-E, and EP24-1-E.
- Crews worked on a radio repeater at EP19-1.
- Micropile drilling occurred at EP142-1 and EP143-1.
- Soil boring occurred at EP36-1.
- Conventional drilling occurred at EP9-1, EP11-3, and EP12-3.
- Hydromulching occurred at EP9-1 and EP23-2.
- Arroyo toad fencing was installed between EP77 and EP79.

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

- Revitalization occurred near Tavern Road to South Grade Road (see Figure 4), Tavern Road to 1800 block and Viejas Creek Bridge.
- Proofing occurred from Vault V10R to V11R and 2100 and 2500 blocks of Alpine Boulevard.
- Pre-racking/racking and cleaning manholes for jointing/splicing occurred at V1R, V2R, V7R, V9R, V19R, V20R, V2L, V17L, V18L, and V19L.
- Trenching and pipe laying occurred from V10R to V11R, and between 2100-2500 blocks of Alpine Boulevard.
- Cleaning/Marking of manholes occurred at V8R.

- Fiber pulling occurred from V1R to V2R, V19R to Loritz riser pole, V1L to V2L, and V10L to V12L.
- Cable pulling occurred from V10R to V11R.
- Milling and setting plates occurred at Viejas Creek.
- Scaffolding was erected at EP87-1, EP88-1, EP95-1, EP96-1, Loritz property, and Slay riser pole.
- Terminating occurred at Loritz riser pole and Slay riser pole.
- Bauer Bridge work included rebar, piers, cement work for bridge abutments, and drill demobilization.
- Tree removal occurred outside the elementary school.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation clearing occurred at CP21, CP23 pull site north, CP24-1, GS-NF-1, CP27 TSAP, CP28-1 TSAP, CP32-2 TSAP, CP33-2 TSAP, CP34-2 TSAP, GS-NF-4, CP44-1 TSAP, GS-NF-6, CP49-1 pull site, CP54-1, CP75-1 pull site, and CP95/96 pull site.
- Topsoil salvage occurred at CP23 pull site north.
- Grading occurred at CP23 pull site north, CP49-1 pull site (see Figure 5), CP57, and CP70-3.
- Access road construction occurred at CP23-E, CP23-PS-N-A, CP23-PS-N-B, CP49-1-N pull site, and CP57-E-A.
- Dexpan boulder breaking occurred at CP27, CP28-1 (see Figure 6), CP32-2, CP33-2, and CP33A.
- Equipment was mobilized to CP77.
- Micropile drilling occurred at CP31-2, CP37-2, CP43-1, CP45-1, CP47-2, CP47A-1, CP48-2, CP50-1 (see Figure 7), CP52, CP54-1, CP76-1, CP77, CP83, and CP85-1.
- Grouting occurred at CP76-1 and CP84.
- Conventional drilling occurred at CP31-2.
- Concrete pouring, form removal, and various foundation work (curing, cage installation, etc.) occurred at CP39.
- Tower assembly occurred at/from CP16-1 to CP22-1, CP56-1, and CP98-1.
- Snubs were installed at CP55.
- Marker balls were installed from CP70-3 to CP75-1.
- Cleanup occurred at/from CP70-3 to CP75-1, CP107, and CP108.

BLM Lands, 220 kV Overhead Transmission Line:

- Micropile drilling occurred at CP59.
- Micropile capping work was occurred at CP62A.
- Tower assembly occurred at CP58-1.

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

- Access road construction occurred at CP10-1 and CP11-1.
- Conventional drilling occurred at CP6-1, CP7, CP9-1, CP10, CP11-1, CP13-2, and CP14.
- Various foundation work (curing, cage installation, etc.) occurred at CP7, CP13-2, and CP14.
- Concrete pouring occurred at CP3 and CP8-2.
- Forms were removed at CP6-1 and CP14.

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

- Vegetation clearing occurred between Pomerado Road and Sycamore Substation.
- Vegetation clearing occurred between Z171692 and Z171697, at Z171690, and at the associated access roads on the TL6915/TL6924.
- Access road improvements and brushing occurred at Location 17 and from Location 21 to 23 on the TL639.

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-A, Tuesday-A, Wednesday-B, Thursday-C, Friday-D, and Saturday-D. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Gate installation occurred at CP99-2.
- Conventional drilling occurred at CP99-2.
- Various foundation work (curing, cage installation, etc.) occurred at CP99-2.
- Concrete pouring occurred at CP99-2.
- Form removal occurred at CP99-2.
- Equipment demobilization occurred at CP99-2.
- Spacers were installed from CP100-1 to CP101-1.
- Cleanup occurred at CP100-1 and CP101-1.

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:

- BMP installation occurred at EP237-1 pull site.
- Hydroseeding was conducted at EP296.
- Hydromulching took place from EP256 to EP258-3.

BLM Lands:

- BMP installation occurred from EP292 to EP294.
- BMP removal and site stabilization was conducted at EP266-2, EP301-E-A, EP301-E-C, EP301-N, EP304-2-E-A, EP304-2-E-B, EP304-2, EP306-1, and EP307-1.
- Hydroseeding took place at EP265-2, EP266-2, EP267-2, EP295, EP298, EP299, EP300-1, EP303-2, EP304-2, EP306-1, and EP307-1.
- Hydromulching occurred from EP292-1 to EP294, EP297, EP307-1, EP309, EP310, EP312, and EP313.
- Restoration work was conducted at EP305-3, EP312, EP314, EP315-1, EP317, and on the Mountain Springs mitigation property.

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

Non-Federal Lands:

- BMP installation occurred at EP83 pull site south and EP118-2.
- BMP maintenance occurred at EP11-3-N, EP83 pull site south, EP89-1 to EP99-2, EP102A to EP105-3, and EP112-3 to EP113-5.

US Forest Service Lands:

- BMP installation occurred at EP34-1, EP37-2 TSAP, and EP118-2.
- BMP maintenance occurred at EP11-3-N, EP12-3-N, EP22-1, EP22-1-PS-N, EP23-2-PS-N, EP112-3 to EP113 5, and EP125 to EP131.

BLM Lands:

- BMP maintenance occurred from EP89-1 to EP99-2 and EP102A to EP105-3.

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

- BMP maintenance occurred at Bauer Property, Slay Property, and along the ROW.

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

Non-Federal Lands:

- BMP installation occurred CP24-1, CP29-1-E-A, CP29-1-E-B, CP31-2-E, and CP49-1-PS-N.
- BMP maintenance occurred at CP23-E and from CP71 to CP75-1.

BLM Lands:

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

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:

- BMP installation occurred at Location 17 and from Locations 21 to 23 on TL639.

US Forest Service Lands:

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

6. Peninsular bighorn sheep (PBS) were reported in Mountain Springs Grade on December 18, 22, 23, and 24, 2011. (Link 1)
7. One silvery legless lizard (*Anniella pulchra pulchra*) was relocated from EP197 to a more suitable habitat away from construction activities. (Link 1)
8. Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log. (Link 2)
9. Five silvery legless lizards (*Anniella pulchra pulchra*) were killed; three at EP83 pull site, one at EP11-3, and one at EP12 pull site. Two silvery legless lizards were relocated from EP83 south pull site access road. One Coronado skink (*Plestidion skiltonianus interparietalis*) was killed and three were relocated at the EP83 pull site. Another Coronado skink was relocated from EP114. One coast horned lizard (*Phrynosoma blainvillii*) was relocated from EP22-1. (Link 2)
10. One Coronado skink (*Plestidion skiltonianus interparietalis*) was relocated from CP33-2. (Link 5)
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): Curb installation and backfilling behind the curb took place along Bell Bluff Truck Trail (BBTT). Gravel bag and construction debris cleanup also occurred along BBTT. Disassembly and removal of the high line water conveyance pipe along BBTT continued. Rock was crushed for Class 2 base and select fill material. Ground grid and conduit trenching was conducted in the southwest quadrant. Final grading south of the transformers took place. Breakers were assembled. Oil filling activities and pulling vacuum continued on the transformers. A shotcrete layer was shot on the water tank. Insulators were installed in the 500 kV portion of the yard (see Figure 8).
2. Imperial Valley (IV) Substation Upgrade (BLM lands): Crews worked inside the new storage warehouse on wiring. Work on the concrete pad and driveway approaches at the new warehouse were conducted. Transmission wire was pulled between A-frames at the entrance of the substation.
3. San Luis Rey Substation (non-federal lands): Wiring occurred on Bank 70.
4. Encina Substation (non-federal lands): Wiring at the control house and panel near Bay 10 occurred. Material was dropped off, work on the temporary fence in the 230 kV switchyard, and clean up near the new transformed was conducted. New fence installation at the southern area of the switchyard took place.
5. Sycamore Substation (non-federal lands): Crews worked on building disconnects for 230 kV upgrades. Towers were constructed for installation near the new 230 kV transformer.

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 repair occurred along BBTT. (Link 3)

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 and weed wash station operations occurred.
2. Alpine Headquarters – No significant activity occurred during the reporting period.
3. AER Yard – Helicopter operations, staging for road and micropile crews, and dust control occurred.
4. Barrett Canyon Yard – Staging for BMP, conventional foundation, and road crews occurred.
5. Bartlett-Hauser Yard – Water staging, helicopter operations, BMP drainage maintenance, weed maintenance, weed wash station operations, dust suppression, and staging for road, BMP, and conventional foundation crews occurred.

6. Fromm Yard – Tower assembly, helicopter activity, staging for micropile crews and water, and dust suppression took place.
7. El Monte Yard – Staging for road crews, dust suppression, and yard cleanup occurred.
8. Helix Yard – Helicopter operations, water staging, weed wash station, dust suppression, and staging for micropile, assembly, and wire crews occurred.
9. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, weed wash station, dust suppression, and hub for coordination of activities within pullsite areas. Also used for staging TSAP, micropile, QC, road, and erection crews.
10. Kreutzkamp Yard – Weed clearing, helicopter operations, staging for road and BMP crews, weed wash station operations, water staging, and dust suppression occurred, and staging for road, conventional foundation and BMP crews occurred.
11. Rough Acres Yard – Helicopter operations, dust suppression, weed clearing and maintenance, weed wash station, and materials and water staging occurred. This yard was also used for staging conventional foundation, micropile, gate, guard structure, road and BMP crews.
12. SWAT Yard – Concrete staging, water staging, helicopter operations, dust suppression, weed wash station operations, and staging for road, conventional foundation, TSAP, driveway, brush clearing, and BMP crews occurred.
13. S2 Yard – Helicopter activity, tower assembly, dust suppression, and water staging took place. This yard was also used for staging erection, wire stringing, BMP, and habitat assessment crews.
14. Sycamore Yard – Weed wash station, dust suppression, water staging (from hydrant), helicopter operations, tower assembly, and BMP staging occurred. Staging for road, foundation, TSAP, wire, survey, micropile, erection, assembly, QC, and brush clearing crew staging also took place.
15. Wilson Yard – Helicopter operations, dust suppression, and materials staging for Suncrest Substation took place. The yard was also used for staging water, micropile, hooking, wire, and yard cleanup crews.

Federal Lands (BLM):

16. Dunaway Yard – Hand seeding was completed.
17. Imperial Valley Yard – Hand seeding was completed.
18. McCain Valley Yard – No activity occurred in the yard during this reporting period.
19. Plaster City Yard – Yard restoration occurred.

Federal Lands (USFS):

20. Thing Valley Yard – Helicopter operations, water staging, and dust suppression occurred. Staging for road, gate installation, TSAP, BMP, tree trimming, wire, and erection crews also took place.

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.

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 01/16/2012)

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
#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 01/16/2012)

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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#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	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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#29	10/21/11	11/01/11	Links 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 turnaround 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	01/06/12		Modification to guard structure location
#33	11/28/11	12/16/11	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 01/16/2012)

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 Request	Date Requested	Date Approved	Segment #	Description
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 #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 12/16/2011)

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	Links 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.
FS NCR #2	11/03/11	Links 2 & 5	Fire Plan and Traffic Control Plan violations.
FS NCR #3	11/30/11	Links 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	01/04/12	Link 1	Peninsular Bighorn Sheep Construction Monitoring Plan violations.
FS Stop Work Order	01/07/12	Links 2 & 5	Third non-compliance for violating the Forest Service Fire Plan.

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

TABLE 5
PROJECT INCIDENTS
(Updated 01/16/2012)

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.
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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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 01/16/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	112	61	23
Bureau of Land Management	180	180	140	106	80
US Forest Service	75	75	27	16	17
Miramar	12	12	9	3	0
Total	436	436	288	186	120

PROJECT PHOTOGRAPHS



Figure 1: Wire stringing activities at EP255-2 pull site. (Link 1)



Figure 2: Flying sock line from EP255-2 pull site to EP269-1 pull site. (Link 1)



Figure 3: Grading at EP83 Pull Site. (Link 2)



Figure 4: Revitalization work on Alpine Boulevard. (Link 4)



Figure 5: Grading and boulder removal on access road to CP49-1 pull site. (Link 5)



Figure 6: Boulder busting and site prep at CP28-1. (Link 5)



Figure 7: Equipment delivery at CP50-1. ([Link 5](#))



Figure 8: View of steel activities at Suncrest Substation. ([Link 8](#))