



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301-4316
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

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

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: June 28, 2012
Subject: Weekly Report 90 – June 3 to June 9, 2012

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.

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Final grading occurred at Towers EP220-1-N, EP226-1 pull site, EP240, EP242, EP244, and EP245-1.
- Fence grounding was conducted at EP215 and EP238-1.
- Miscellaneous tower work took place at EP199-3, EP239-1, EP240, EP242, and EP252-1.
- QA/QC occurred from EP207 to EP209-1.
- Work continued at the EP215 regeneration site.
- Insulator cleaning was conducted from EP183 to EP185-2, EP199-3, from EP207 to EP220-1, EP239-1, from EP242 to EP252-1, EP255, from EP337 to EP339, EP358, and EP359.

BLM Lands:

- Final grading occurred at EP170 pull site, EP247, and EP248-1.
- Miscellaneous tower work was conducted at EP146, EP170, EP174, from EP176 to EP179, EP187-2, EP189-3, EP190-2, EP197-3, EP198-3, EP247, EP248-1, and EP304-2.
- QA/QC took place from EP204-3 to EP206-1.
- Insulator cleaning occurred at EP182, from EP186-1 to EP198-3, from EP200-3 to EP206-1, from EP313 to EP336, and from EP340 to EP350, from EP354 to EP357, and from EP360 to Imperial Valley Substation.



2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Grading occurred at EP92-N and EP93-N.
- Tower assembly was conducted at EP54-1, from EP77 to EP79, from EP84 to EP88-2, EP91, EP92, and EP119-2.
- Miscellaneous tower work took place at EP26-1, EP27-1 (see Figure 1), EP30-2, EP32-1, EP54-1, EP77, EP79, EP80, EP84, EP85-2, EP93, EP106-3, EP107-3, and EP119-2.
- Grounding occurred from EP80 to EP82-1, EP87-1, EP107-3, EP108-2, and GS-NF-29.
- QA/QC was conducted at EP104-2 and EP105-2.
- Regeneration work continued near EP54-1.
- Guard structure installation took place at EP32-1.
- OPGW was flown from EP54 to EP67 pull site and from EP113-5 to EP126-1.
- Sock line, hard line, and conductor were pulled from EP54 to EP67 pull site (see Figure 2).
- Conductor was pulled from EP113-5 to EP124.
- Insulator work occurred at EP119-2.
- Insulator washing was conducted at EP77, EP78A, EP85-2, EP89-1, EP92, EP93, EP104-2, and EP105-2.
- Traveler work took place at EP67 and EP119-2.
- Sagging and clipping in occurred from EP30-2 to EP42.
- Jumper work was conducted from EP30-2 to EP42, from mEP54-1 to EP67, and EP79.
- Dead-end work took place from EP30-2 to EP42, EP62A-1, and from EP64 to EP67.
- Clipping in occurred from EP30-2 to EP42, EP62A-1, and from EP64 to EP66.
- Marker ball installation was conducted at EP1-3.
- Spacers were installed from EP25-2 to EP29-2, EP32-1, EP67, EP77, and EP78.
- Clean-up took place at EP25-2 and from EP30-2 to EP42.
- Splicing occurred at EP30-2 and EP78A.
- Wire punchlist items were conducted at EP77 and EP78.
- Guard structure was removed from GS-NF-17.

BLM Lands:

- Grading occurred from EP94-N to EP99-2-N-A.
- Tower assembly was conducted at EP48.
- Miscellaneous tower work took place at EP42, EP48, EP50, EP53-3, EP75-2, EP76-2, EP96, and EP102A-1.
- Grounding occurred at EP74-1.
- QA/QC was conducted at EP99-2 and EP103A.
- OPGW was flown from EP54-1 to EP67.
- Sock line, hard line, and conductor were pulled from EP54 to EP67 pull site.
- Dead-end work took place from EP30-2 to EP42 and EP69.
- Jumper work occurred from EP30-2 to EP42, from EP54-1 to EP67, EP69, EP75-2, and EP76-2.
- Clipping in was conducted from EP30-2 to EP42, EP47-2, and EP63.
- Insulator washing took place at EP73-1, EP75-2, from EP94 to EP99-2, and EP103A.

- Spacers were installed at EP39-1 and from EP69 to EP76-2.
- Splicing occurred at EP42.
- Wire punchlist items were conducted at EP70, EP74-1, and EP76-2.
- Clean-up took place from EP30-2 to EP42.

US Forest Service Lands:

- During this reporting period, the PALs were as follows: Sunday: EV, Monday: EV, Tuesday: C, Wednesday: C, Thursday: C, Friday: C, and Saturday: C. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Vegetation maintenance occurred at from EP112-3 to EP112A-1, including associated access roads.
- Final grading was conducted at EP23-2 pull site.
- Fence grounding took place at EP108-2, EP112-3-N, EP116-1-E, EP141, and EP142-1.
- Tower assembly occurred at EP33-1, from EP112-3 to EP118-2, from EP120-4 to EP126, EP129, EP131, and from EP137 to EP141.
- Miscellaneous tower work was conducted from EP2-3 to EP8-2, EP11-3, from EP13-3 to EP24-1, EP29-2, from EP33-1 to EP37-2, EP57-2, EP58-2, EP112-3, from EP115-1 to EP118-2, from EP120-4 to EP122-1, EP124, EP126-1, EP127, EP130-1, EP142-1, and EP143-1.
- QA/QC took place at EP6-1, EP7-1, EP33-1, EP35-1, EP36-1, EP111-4, EP112-3, EP112A, EP116-1, EP117-2, EP120A, and EP121-1.
- Grounding occurred at EP121-3, and EP121A-1.
- Ground resistance testing was conducted at EP114-2, EP115-1, EP121-3, EP121A-1, EP123-1, and EP128.
- OPGW was flown from EP54-1 to EP67 and from EP113-5 to EP126-1.
- OPGW was clipped in from EP126-2 to EP128.
- OPGW was sagged at EP57-2 and EP58-2.
- Sock line, hard line and conductor were pulled from EP54 to EP67 pull site.
- Sock line and hard line were flown from EP113-5 to EP124 (see Figures 4 & 5).
- Dead-end work took place at EP57-2 and EP58-2.
- Clipping in and dead-end work occurred from EP30-2 to EP42.
- Traveler work was conducted from EP113-5 to EP124.
- Insulator work took place from EP12-3 to EP22-1 and from EP113-5 to EP124.
- Insulator washing occurred at EP112-1 and EP112A-1.
- Jumper work was conducted from EP30-2 to EP42 and EP54-1 to EP67.
- Spacers were installed at EP24-1 and EP29-2.
- Marker ball installation took place at EP5-2, EP7-1, and E9-1.
- Splicing occurred at EP9-1, EP34-1, and EP130-1.
- Punchlist wire items were conducted at EP137, EP139-1, EP141, and EP143-2.
- Clean-up took place from EP2-3 to EP8-2., EP10-2, from EP14-1 to EP24-1, and from EP30-2 to EP42.

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

- Revitalization occurred on Alpine Boulevard.
- Splicing occurred inside Vault V20R.
- Cable pulling operations occurred between V19 to V20.

- Cleanup activities occurred at the Interstate 8 bore site.
- Miscellaneous work occurred inside V1 and V20, and at CP87 and CP88.
- Test setup at Loritz and Slay properties occurred.

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Rock stabilization occurred at CP47A-1.
- Final grading occurred at CP98-N-A.
- Miscellaneous tower work occurred at/from CP37-2, CP63-3, and CP72-2.
- QA/QC occurred at CP59-1 and CP96-1.
- Restoration occurred at CP49-1-PS-N and CP49-1 pull site.

BLM Lands, 220 kV Overhead Transmission Line:

- Miscellaneous tower work occurred from CP65-1.

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

- Final grade and restoration occurred at CP6-1, CP7, and CP9-1 to CP11-1.
- Miscellaneous tower work occurred at CP8-2, CP12-1, and CP15-1.
- Spacer work occurred at CP11-1 and 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: EV, Tuesday: C, Wednesday: C, Thursday: C, Friday: C, and Saturday: C. Work activities ended each day in accordance with the Fire Plan and the approved EV letter as appropriate.
- Miscellaneous tower work occurred at CP69-2, CP103-2, CP104-1, and CP105-1.
- Ground resistance testing occurred at CP103-2 and CP104-1.
- QA/QC occurred at CP98-1, CP100-1, and CP105-1.
- Gate work occurred at CP69-2.

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 maintenance at tower sites, pull sites, and guard structure sites occurred from EP208 to EP211, from EP213 to EP215, EP219-1, EP221-2, EP221A, from EP223-1 to EP224-1, from EP226-1 to EP230-1, from EP231A to EP237-1, EP239-1, EP240, from EP242 to EP245-1, from EP252-1 to EP255, GS-NF-31, GS-NF-32, and GS-NF-36.
- BMP maintenance on access roads was conducted from EP211-E to EP219-E.
- Hydromulching took place at EP228, EP243, and EP243/EP244 pull site.

BLM Lands:

- BMP maintenance at tower sites, pull sites, and guard structure sites occurred from EP144 to EP152, from EP170 to EP177, EP186-1, from EP187-2 to EP191, EP192/EP193 pull site, from EP194-3 to EP196-2, EP247, and EP248-1.
- BMP maintenance on access roads was conducted at EP192-2-N and EP193-2-N.
- Hydromulching took place at EP187-2, EP189-3, EP192-2, and EP198-3.

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

Non-Federal Lands:

- BMP installation and maintenance at tower sites, pull sites and guard structure sites occurred at EP25-2, EP26-1, EP30-2, EP31-1, EP32-1, EP52-1, EP54-1, EP77, EP80, EP81, from EP83 to EP89-1, from EP91 to EP93, EP104-2, EP105-2, EP107-3, EP119-2, GS-NF-14, GS-NF-17, GS-NF-22, GS-NF-23, and GS-NF-24
- Hydromulching was conducted EP25-2 and EP87-1.

US Forest Service Lands:

- BMP maintenance and installation at tower sites, pull sites, and guard structure sites occurred at EP7-1, EP8-2, EP33-1, EP35-1, EP36-1, EP37-2, EP109-1, EP110-2, EP111-4, EP112-3, EP114-2, EP116-1, EP117-2, EP120-4, EP121A-1, EP123-1, EP124, EP125, from EP125-E-A to EP141-E-B, EP134, EP141, and EP141 pull site.
- Hydromulching was conducted at EP4-3, EP34-1, EP37-2, EP108-2, EP111-4, from EP120-4 to EP124, EP128, EP129, EP139-1, and EP142-1.

BLM Lands:

- BMP installation and maintenance occurred EP40-1, EP41, from EP47-2 to EP51-1, EP53-1, EP56-4, from EP70 to EP73-1, EP75-2, EP76-2, from EP94 to EP99-2, EP101-2 pull site, and EP103A.
- BMP removal was conducted from EP99-2-N-B and EP101-2-PS-N.
- EP99-2 and EP101-2 pull site were restored.

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

- BMP removal occurred at the Bauer property.

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

Non-Federal Lands:

- BMP removal occurred at CP39 to CP42-1, CP43-1 pull sites, and CP98-N-A.
- Hydromulching occurred at CP18-1, CP19-1, CP28-1, CP29-1, CP41-2, CP42-1, and CP72-2.

BLM Lands:

- BMP installation and maintenance occurred at CP59.
- Hydromulching occurred at CP59.

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

- BMP installation and maintenance occurred at CP2, CP3 CP6-1 to CP12-1, CP14, CP15-1, and GS-DOD-1.

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

- No BMP activity occurred during this reporting period.

US Forest Service Lands:

- BMP maintenance occurred at CP69-2, CP99-2, CP100-1, CP101-1, CP103-2, and CP105-1.
- BMP removal occurred at CP98-N, CP99-2, CP100-1, and CP100-1-N.

6. Two coastal rosy boas (*Charina trivirgata roeofusca*) were relocated; one from EP39 and one from EP121-3. Two coast horned lizards (*Phrynosoma coronatum blainvillii*) were relocated; one from EP116-1 and one from EP120A. Two California legless lizards (*Anniella pulchra*) were relocated from EP99-2. One Coronado skink (*Plestiodon skiltonianus interparietalis*) was relocated from EP12. (Link 2)
7. Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log.
8. Pre-construction surveys were performed throughout Links 1, 2 and 5 with appropriate monitors.

No CPUC 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: Ed Wieringa, Jennifer MacDonald.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Work continued inside of the control shelter. The foundation hole near the water tank was excavated. The storm drain line was flushed. Rock was removed and soil was decompacted from the office trailer and parking area. Equipment and materials were hauled off site.
2. Imperial Valley (IV) Substation Upgrade (BLM lands): No Sunrise related work occurred during this reporting period.
3. San Luis Rey Substation (non-federal lands): No work occurred during this reporting period. Bird sweeps/surveys were conducted.
4. Encina Substation (non-federal lands): Relay and wiring crews performed wiring near the control house. Crews pulled new section of the cable in the northern portion of the substation.
5. Pomerado Substation: (non-federal lands): No work occurred during this reporting period. Bird sweeps occurred.

Environmental Compliance:

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

No CPUC 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:

NOTE: Additionally, all active yards typically have miscellaneous activities throughout the day such as materials delivery and staging, equipment mobilization/demobilization, water supply and dust control, port-o-potty maintenance, etc.

Non-Federal Lands:

1. Alpine Construction Yard – Hub for equipment and materials staging, vegetation maintenance, weed wash station usage, and crew staging.
2. Alpine Headquarters – No activity occurred during the reporting period.
3. AER Yard – Yard has been restored.
4. Barrett Canyon Yard – No activity occurred during the reporting period.
5. Bartlett-Hauser Yard – Frequent helicopter operations crew staging was conducted.
6. Fromm Yard – No work occurred at this yard during this reporting period.
7. El Monte Yard – No activity occurred during the reporting period.
8. Helix Yard – Occasional helicopter operations and crew staging.
9. Jacumba Valley Ranch (JVR) Yard – This yard was used for staging crews.
10. Kreutzkamp Yard – Intermittent helicopter and crew staging occurred.
11. Rough Acres Yard – This yard was used for staging crews.
12. SWAT Yard – Frequent helicopter operations and crew staging took place.
13. S2 Yard – Yard has been restored.
14. Sycamore Yard – Crew staging occurred in this yard.
15. Wilson Yard – Intermittent helicopter operations and crew staging took place.

Federal Lands (BLM):

16. Dunaway Yard – Yard has been restored.
17. Imperial Valley Yard – Yard has been restored.
18. McCain Valley Yard – Crew staging occurred in this yard.
19. Plaster City Yard – Yard restoration is largely complete.

Federal Lands (USFS):

20. Thing Valley Yard – Crew staging occurred in this yard.

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 coastal rosy boa (*Charina trivirgata roseofusca*) was found dead on the access road into Kreutzkamp Yard. One northern three-lined boa (*Lichanura orcutti*) was found dead in Kreutzkamp Yard. One coast patch-nosed snake (*Salvadora hexalepis virgultea*) was relocated from Thing Valley Yard. One two-striped garter snake (*Thamnonphis hammondi*) was relocated from Kreutzkamp 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 06/28/2012)

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 06/28/2012)

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.
#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.
#13 Mod	05/08/12	05/10/12	Links 1 & 2	Alter configuration of regeneration sites to meet fire safety requirements.
#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.

Variance Request	Date Requested	Date Issued	Segment	Description
#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 Road.
#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	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.
#30 Mod	02/09/12	02/09/12	Links 5	Modification to perform long lining activities.
#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.
#36	01/20/12	02/08/12	Links 1, 2, & 5	Variance to allow vegetation clearing between January 15 through February 14.
#37	01/20/12	02/08/12	Links 1, 2, & 5	Temporary placement of concrete blocks outside of approved work areas.
#38	02/10/12	02/22/12	Link 5	Gate installation near CP55.
#39	02/10/12	Retracted	Link 5	Additional work space at CP23 pull site.

Variance Request	Date Requested	Date Issued	Segment	Description
#40	03/20/12	03/21/12	Link 5	Additional work space near GS-NF-7, San Vicente Reservoir.
#41	04/17/12	04/27/12	Link 2	Cinnamon Drive Road improvements near EP36-1.
#42	05/09/12	Retracted	Link 2	Temporary concrete anchor block placement.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 06/28/2012)

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 Road West
TEWS #6	03/24/11	03/24/11	Link 4	Parking at 5840 Willows Road 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 Road
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 Road (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 Request	Date Requested	Date Approved	Segment	Description
TEWS #30	10/06/11	10/06/11	Link 1	Parking and Staging at Chevron Gas Station on Carrizo Gorge Road.
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 Road.
TEWS #33	02/09/12	02/09/12	Link 5	Additional parking area between CP75 to CP88.
TEWS #34	03/06/12	03/06/12	Link 5	Additional parking area along Hwy 67.
TEWS #35	03/26/12	03/27/12	Link 1	Additional parking area between EP227/EP228.
TEWS #36	04/26/12	04/26/12	Link 2	Additional workspace adjacent to Access Road EP11-3-N.
TEWS #37	05/25/12	05/25/12	Link 2	Additional workspace near EP32.
TEWS #38	05/25/12	05/29/12	Link 2	Additional workspace adjacent to EP119.

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 06/28/2012)

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.

Type	Date	Location	Description
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.
FS NCR #4	02/01/12	Link 2	Failure to make timely notification following rope/wire drop between CP100 to CP99.
FS NCR #5	02/06/12	Links 2 & 5	Helicopter incursions into Golden Eagle Habitat Buffers.
NCR #5	02/08/12	Link 1	Construction outside of approved work spaces, intrusion into ESA, and violation of Desert Pavement Plan.
NCR#6	04/13/12	Links 1, 2, & 5	Repeated load carrying without appropriate netting.

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

TABLE 5
PROJECT INCIDENTS
(Updated 06/28/2012)

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.

Type	Date	Location	Description
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.
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.

Type	Date	Location	Description
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.
Incident	09/21/11	Link 1	Dozer operator drove approximately 260 ft off of ROW near EP322. Area was surveyed by Cultural and Biological monitor.

Type	Date	Location	Description
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 Road 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	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/04/11	Link 1	PBHS habitat violation with low elevation flights in restricted areas.
Incident	12/22/11	Link 1	PBHS habitat violation with entry into Fromm Yard prior to clearance from PBHS biologists.
Incident	12/27/11	Link 1	Two PBHS habitat violation with low elevation flights in restricted areas.
Incident	01/09/12	Link 2	Road crew operating without an Arroyo Toad Monitor present at EP50, Arroyo Toad suitable habitat. Crew was retrained of the importance of a monitor being present during operations.

Type	Date	Location	Description
Incident	01/10/12	Link 2	Foundation crew damaged an oak tree during mobilization effort at EP49. Crew was retrained.
Incident	01/12/12	Link 1	Parking along McCain Valley Rd not in designated disturbance areas. Link Leads corrected immediately.
Incident	01/12/12	Link 5	A dozer failure led to disturbance outside of approved ROW by 15 feet near CP59. All personnel were safe and restoration efforts are in process.
Incident	01/13/12	Link 2	An unanticipated release of a compressor mid-flight approximately 400ft North of Kruetzkamp CY. No injuries or damage to property occurred. Investigation to helicopter hook system is ongoing.
Incident	01/17/12	Link 2	Crew entered access road to EP73/74, Arroyo Toad suitable habitat, prior to the 2 hr waiting period following dawn and biological monitor clearance. Crew was spoken to and better signage is to be installed.
Incident	01/18/12	Link 1	Concrete blocks were placed outside of approved disturbance area at EP224/5 prior to the approval of Variance #37. To limit disturbance, blocks have been left, but cannot be used until approval of the variance.
Incident	01/18/12	Link 1	Assembly crew arrived at EP177 prior to an approved bird survey having been conducted and submitted. Crews were ushered out by onsite avian biologist performing said survey.
Incident	01/18/12	Link 1	Foundation crew entered PBHS habitat at EP256 outside of approved work window. They were escorted out by monitors at a nearby site upon noticing. GF for crew was released by the project and a standdown with GF and foreman was performed on 01/23/12.
Incident	01/19/12	Link 2	Bird strike occurred during helicopter operations near EP33. Monitors on board believed the bird to be a swallow, but no remains were found to confirm.
Incident	01/20/12	Link 5	Wire dropped between CP96 and CP100 during wire operations. No resources were found to be damaged, hurt or killed.
Incident	01/20/12	Link 5	Gate left open for access road to pull site between CP64/65 and released livestock that was present. Monitors were brought onsite to herd them back into the pen and ensure security of the gate.
Incident	01/24/12	Link 5	Helicopter breached the GE buffer at Bell Bluff region approximately 621 feet. No resources impacted.
Incident	01/25/12	Link 5	Helicopter was noted by CPUC EM to have landed outside of approved project workspace. Correction was made immediately and discussion was had with pilot about landing in only approved areas.

Type	Date	Location	Description
Incident	01/26/12	Link 5	Helicopter breached the GE buffer at the Bell Bluff region approximately 521 feet. No resources impacted.
Incident	01/27/12	Link 2	Helicopter breached the GE buffer at the Thing Valley region approximately 161 feet. No resources impacted.
Incident	01/31/12	Link 1	Fuel tanker was refueling a smaller fuel truck for use by project helicopters in unapproved workspace near JVR. Link Lead made immediate correction and spoke to crew.
Incident	02/01/12	Link 2	Helicopter breached the GE buffer at the Thing Valley region by an unknown amount. No resources impacted.
Incident	02/13/12	Link 2	Several contractor vehicles were parked outside of the ROW on brush adjacent to Cameron TT near EP109. Link Lead was contacted and item was corrected.
Incident	02/24/12	Link 2	Helicopter dragged a long line through vegetation outside of workspace at EP109. Minor vegetation impacts.
Incident	02/25/12	Link 5	Helicopter experienced a hard landing at the Sycamore CY and damage was incurred. No injuries or impacts were noted. Investigation is ongoing.
Incident	02/27/12	Link 3	Trash was noted to Link Lead at the Wilson CY.
Incident	02/28/12	Link 1	Project activities were noted to be occurring in PBHS areas without concurrence from Wildlife Agencies provided to CPUC monitors. Follow up discussion occurred with WA.
Incident	02/29/12	Link 1	Debris was noted to the Link Lead as being blown around JVR CY during Air Crane operations.
Incident	03/02/12	Link 2	Kmax helicopter dropped cribbing near EP5. No reports of injuries or impacts.
Incident	03/08/12	Link 1	Trash in several areas along the ROW, particularly the mylar taping utilized for bird deterrents, has been noted in various locations. Issue is currently being addressed.
Incident	03/12/12	Link 2	Vehicle was noted to be parked outside approved workspace and within the drip line of an oak tree.
Incident	03/14/12	Link 1	A helicopter noted to be operating prior to 7am at the Rough Acres Construction Yard.
Incident	03/20/12	Link 1	Crew vehicles were noted to be parked outside of approved workspaces along Old Hwy 80. Vehicles were immediately moved upon notification.
Incident	03/20/12	Link 1	Marker balls were being staged inside a noted ESA at the Jacumba Valley Ranch Yard. They were immediately moved outside of the ESA and no impacts were noted.
Incident	03/21/12	Link 1	Work equipment was placed outside of approved workspace via helicopter at EP225. Corrective action was immediately taken upon notification.
Incident	03/22/12	Link 1	Vehicle was noted to be parked outside of approved workspace near EP205-1 and project personnel was observed to be smoking in a non-designated area.

Type	Date	Location	Description
Incident	03/27/12	Link 2	Vehicle was noted to be parked within a bird buffer near EP90.
Incident	03/27/12	Link 2	Two helicopters noted to be operating prior to 7am at the SWAT Construction Yard.
Incident	03/28/12	Link 2	Breaches within the Arroyo Toad exclusionary fencing between EP65 and EP69 were noted to the Link Lead.
Incident	03/29/12	Link 1	Trash at EP190 and dust on McCain Valley Road was noted to the Link Lead.
Incident	03/31/12	Link 1	Bulldozer was noted to have parked outside of approved workspace along the access road to EP236. The equipment was moved upon notification to the crew.
Incident	04/02/12	Link 1	Parking occurred in unapproved project areas near S-2 Yard. Immediate corrective action was taken upon notification to Link Lead.
Incident	04/04/12	Link 1	Crew truck was noted to have parked outside of approved workspace along the access road to EP236. Monitors have placed additional signage along the road.
Incident	04/09/12	Link 1	Crews were noted to not being utilizing a designated path (which avoids an ESA) from TSAP to EP137-1. A warning was given and crews were addressed.
Incident	04/10/12	Link 1	Trash was observed at EP187 pull site.
Incident	04/17/12	Link 4	Cement truck was noted to be driving down Alpine Blvd with chutes open. Link Lead was contacted and contractor was informed of the activities.
Incident	04/20/12	Link 1	Bulldozer went off ROW during grading operations near EP255. No sensitive biological or cultural resources were damaged.
Incident	04/24/12	Link 1	Dust was noted to be seen at McCain Valley Construction Yard due to Air Crane operations. Coordination was to improve in future operations.
Incident	04/25/12	Link 2	Holes were noted in the Arroyo Toad fence along the access road to EP76. Crews were sent out to repair prior to rain event.
Incident	05/08/12	Link 2	Speeding was noted to Link Lead to/from Bartlett Hauser CY.
Incident	05/16/12	Link 2	Dust was noted at Kruetzkamp CY to the Link Lead during air crane operations.
Incident	05/22/12	Link 2	Speeding was noted to Link Lead to/from Bartlett Hauser CY.
Incident	05/24/12	Link 2	During the removal of flower pots and guard poles at the EP27-1 guard structure site, a small amount of vegetation was damaged. No sensitive resources or nests were noted to be damaged after assessment by biological and avian monitors.

CONSTRUCTION PROGRESS

Table 6 provides a summary of construction progress through the end of the subject reporting period.

TABLE 6
CONSTRUCTION PROGRESS

Agency	Total Towers	Released for Construction	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	169	169	169	169	166
Bureau of Land Management	179	179	179	179	166
US Forest Service	76	76	76	76	14
Miramar	14	14	14	14	50
Total	438	438	438	438	396

PROJECT PHOTOGRAPHS



Figure 1: Installing anti-climbing guards at EP27-1. (Link 2)



Figure 2: Wire pulling operations at EP54-1 pull site. (Link 2)



Figure 3: Flying sock line at EP12-3. (Link 2)



Figure 4: Aerial view of pulling operations at EP113-5 pull site. (Link 2)



Figure 5: Pulling operations at EP123. (Link 2)