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PROJECT MEMORANDUM SDG&E'S SUNRISE POWERLINK PROJECT

To:Billie Blanchard, Project Manager, CPUCFrom:Vida Strong, Aspen Project ManagerDate:April 26, 2012Subject:Weekly Report 81: April 1 – April 7, 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 Workspace 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 from Tower EP183-E to EP185-2-E, EP215, and EP217-1.
- Fence repair work was conducted at EP220-1-N.
- Regeneration work took place at EP215.
- Micropile capping work occurred at EP252A-1, EP253-2, and EP254-3.
- Tower assembly was conducted from EP221-2 to EP227, from EP236-1 to EP238-1, EP240, EP242, EP252A-1, and EP254-3 (see Figure 1).
- QA/QC took place from EP237-1 to EP239-1, EP242, EP252-1, and EP254-3.
- Ground resistance testing occurred at EP252A-1 and EP254-3.
- Equipment staging was conducted at EP243/EP244 pull site (see Figure 2) and EP254-3/ EP255 pull site.
- Sock line, hard line and conductor were flown from EP237-1 pull site to EP243/EP244 pull site.
- Sagging occurred from EP226-1 pull site to EP237-1 pull site and from EP236-1 to EP238-1.
- Jumpers were installed and dead-end work took place at EP229-1.
- Spacers were installed from EP220-1 to EP230-1.
- Clipping in was conducted at EP231-1, EP234-1, and from EP236-1 to EP238-1.
- OPGW was flown from EP236-1 to EP244.
- Splicing took place at EP215 and EP220-1.



- Equipment was demobilized at EP220-1 pull site and EP226-1 pull site.
- Clean up occurred at EP220-1 pull site, EP226-1 pull site and EP237-1 pull site.

BLM Lands:

- Vegetation maintenance occurred at EP148-1, from EP150 to EP152-2, EP188-1, EP194-3, and EP195-2.
- Final grading was conducted from EP173-1-E to EP182-E, from EP186-1-E to EP197-3-E, EP177, from EP180 to EP182, and EP184-1.
- Micropile stub angles were set at EP147 and EP148-1.
- Pull testing took place at EP147.
- Micropile capping work occurred at EP145, EP147, and from EP150 to EP152-2.
- Tower assembly was conducted at EP145, EP152-2, from EP188-1 to EP190-2, EP196-2, EP198-3, EP246, EP247, EP249-1 and EP250.
- QA/QC took place at EP198-3, EP246, and EP249-1.
- Ground resistance testing occurred at EP145 and EP152-2.
- Equipment staging was conducted at EP187-2 pull site and EP200-3 pull site.
- Guard structure installation took place at EP251 over Old Highway 80.
- Sock line and hardline were flown from EP187-2 to EP200-3 pull site (see Figure 3). Conductor was pulled for A phase.
- Jumpers were installed at EP363-1.
- Insulator and traveler work occurred from EP187-2 to EP190-2, from EP192-2 to EP195-2, EP198-3, and EP200-3.
- 2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Vegetation maintenance occurred from EP91 to EP93 (including access roads).
- Wash station repairs occurred between EP90-1 and EP91.
- Micropile drilling occurred at EP52-1, EP64, and EP77.
- Micropile grouting occurred at EP62A-1 (see Figure 4), EP64, EP77, EP85-2, and EP86-1.
- Micropile trimming occurred at EP78, EP78A, EP83, and EP86-1.
- Micropile pull tests occurred at EP25-2, EP31-1, EP78, EP78A, EP82, EP83, EP87-1, and EP88-2.
- Micropile capping work occurred at EP25-2, EP62A-1, EP64, EP83, EP85-2, EP86-1, EP87-1, and EP88-2.
- Miscellaneous tower work occurred at EP65-1.
- Tower assembly occurred at EP1-3, EP30-2 pull site, EP67, EP85-2, EP86-1, and EP87-1.
- QA/QC occurred at EP81, EP84, EP85-2, EP86-1, and EP91.
- Ground rod installation occurred at EP79.
- Ground resistance testing occurred at EP65-1.

BLM Lands:

- Vegetation maintenance occurred from EP97 to EP99-2 (including pull site and access roads).
- Micropile drilling occurred at EP56-4, EP63, EP69, EP70, EP71, EP72, and EP75-2.
- Micropile grouting occurred at EP50, EP53-3, EP73-1, EP74-1, EP75-2, and EP76-2.
- Micropile trimming occurred at EP71, EP73-1, EP74-1, EP75-2, and EP76-2.

- Micropile pull tests occurred at EP40-1 and EP102A-1.
- Micropile capping work occurred at EP63, EP101-2, and EP102-3.
- QA/QC occurred at EP101-2 and EP102-3.

US Forest Service Lands:

- During this reporting period, the PALs were as follows: Monday: B, 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 EP28-3.
- Access road construction/maintenance occurred at EP22-1-PS-N, EP23 2 PS-N, and EP23-2-E, EP35-1-E, and EP125-N.
- Gate work occurred at EP116-1-E.
- Grading occurred at EP11-3 and EP12-3.
- Micropile drilling occurred at EP10-2 (see Figure 5), EP21-1, and EP115-1.
- Grouting occurred at EP10-2, EP21-1, EP23-2, EP57-2, EP58-2, and EP115-1.
- Micropile trimming occurred at EP120-4, EP120A, EP121-3, EP121A-1, EP122, EP123-1, and EP124.
- Micropile pull testing preparation occurred at EP23-2, EP33-1, EP34-1, and EP37-2.
- Micropile pull testing occurred at EP114-2 and EP118-2.
- Micropile capping occurred at EP13-3, EP18, EP19-1, EP20-2, EP22-1, EP24-1, EP114-2, EP122-1, EP123-1, and EP124.
- Micropile equipment was demobilized from EP58-2.
- Tower assembly occurred at EP9-1, EP11-3, EP12-3, EP13-3, EP15, EP16-1, EP108-2, EP111-4, and EP113-5 pull site.
- QA/QC occurred at EP112A-1 and EP113-5.
- Hydromulching occurred at EP113-5-E and EP129-E-A.
- 3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):
 - Revitalization occurred on Alpine Boulevard.
 - Installation of bird deterrents on riser structures occurred on the Slay and Loritz properties.
 - Fiber splicing and termination repair occurred at the Loritz property.
 - Coolant testing, sending and receiving/cooling line occurred at the Caltrans bore site.
 - Work occurred inside Vault V4R.
 - Work occurred inside Manhole MH4 and MH5.
 - Racking occurred inside V15L and V16L.
- 4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation maintenance occurred at CP55 and CP75-1.
- Final grading occurred at/from CP12-N-B, CP12-1-E, CP13-2-E-B, CP15-1-E-B to CP24-1-E, and CP65-1 pull site.
- Grouting occurred at CP34-2 and CP35-2.
- Miscellaneous tower work occurred at CP32-2, CP34-2, and CP36-1.
- QA/QC occurred at CP33A, CP36-1, CP37-2, CP74, CP78-2, CP85-1, and CP86.
- Wire preparation occurred from CP49-1 to CP55.

- Conductor was flown from CP43-1 to CP49-1.
- Clipping in occurred from CP43-1 to CP49-1.
- Sagging and dead-end work occurred from CP43-1 to CP48-2.
- Jumper work occurred from CP43-1 to CP49-1.
- Insulator and spacer work occurred at CP44-1.
- OPGW was flown from CP43-1 to CP49-1.
- OPGW was sagged from CP55 to CP65-1.
- Guard structure work occurred at CP56-1.
- Guard structure removal occurred at GS-NF-6, GS-NF-7, and GS-NF-8.
- Equipment was staged at CP55.
- Marker balls were staged at CP62-2 TSAP.
- Equipment was demobilized at CP49-1 pull site.
- Guard structure installation occurred at CP36-1 (see Figure 6).

BLM Lands, 220 kV Overhead Transmission Line:

- OPGW was sagged from CP55 to CP65-1.
- Marker balls were staged at CP58-1 TSAP.
- Splicing occurred at CP60.

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

- Access road construction/maintenance occurred at CP10 and CP11-1.
- Final grading occurred at CP3 and CP7.

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

• No work occurred during this reporting period.

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

• Wire that was previously stolen was replaced near GS-NF-8.

US Forest Service Land:

• No work occurred during this reporting period.

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 and installation at tower sites, pull sites, and guard structure sites occurred from EP183 to EP185-2, EP199-3, from EP207 to EP209-1, EP211, from EP213 to EP215, from EP218-1 to EP223-1, EP227, EP228, from EP230-1 to EP233-1, from EP230-1 to EP233-1, and from EP235-1 to EP255-2...
- BMP maintenance and installation on access roads was conducted from EP183-E to EP185-2-E, EP199-3-E, and from EP207-E to EP218-E.
- Bird deterrents were installed at EP229-1.
- Hyrdomulching took place at EP207, EP208, EP211, EP213, EP214, EP217-1, and EP218-1.

BLM Lands:

- BMP maintenance and installation at tower sites, pull sites, and guard structure sites occurred at EP144, from EP146 to EP148-1, from EP170 to EP182, from EP186-1 to EP194-3, EP197-3, eP198-3, from EP200-3 to EP206-1, from EP313 to EP315, and EP317.
- BMP maintenance and installation on access roads was conducted from EP178-E to EP182-E, from EP186-1-E to EP198-3-E, and from EP200-3 to EP206-1-E.
- Cholla replanting took place at EP321-2.
- Hydromulching occurred from EP173-1 to EP176, from EP178 to EP181, EP200-3 pull site, from EP200A-1 to EP202-3, and from EP204-3 to EP206-1.
- 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 occurred at EP1-3, EP25-2 to EP27-1, EP30-2, EP30-2 pull site, EP31-1, EP32-1 EP54 1, EP54-1 pull site, EP62A-1, EP65-1 to EP67 (including pull sites), EP78 to EP82 (including pull site), EP86-1 to EP89-1, EP89-1 pull sites, EP91 to EP93 (including pull sites), EP119-2, GS NF 14, GS-NF-15, GS-NF-16, GS-NF-17, GS-NF-18, GS-NF-22, and GS-NF-26.

US Forest Service Lands:

• BMP maintenance occurred at EP2-3 to EP9-1, EP9-1 pull site, EP10-2, EP11-3-N, EP11-3, EP12-3, EP12 3-PS-N, EP12-3-PS-S, EP14-1 to EP20-2, EP22-1 to EP24-1 (including pull site), EP35-1, EP36-1, EP57-2, EP58-2, EP109-1 to EP112-3, EP116-1 to EP118-2, EP120-4 to EP121-3, EP124 to EP127, EP124/125 pull site, EP127-E to EP141-E-C, EP130-1, EP131, EP141, GS-USFS-2, GS-USFS-3, and GS-USFS-4.

BLM Lands:

- BMP installation and maintenance occurred from EP39-1 to EP42, EP42 pull site, EP47-2 pull site, EP50, EP51-1, EP53-3, EP56-4, EP58-2-E, EP69, EP70 to EP74-1, and EP76-2.
- 4. BMPs were installed or refreshed on Link 4 (non-federal lands only):
 - BMPs were installed and/or refreshed along the entire right-of-way of Link 4.
- 5. BMPs were installed or refreshed on access roads, TSAPs, and pads associated with towers on Link 5:

Non-Federal Lands:

• BMP installation and maintenance occurred from CP16-1 to CP19-1, CP21 to CP29-1 (including pull sites and guard structure), CP31-2, CP31-2 pull site east, CP32-2 to CP37-2, CP39, CP40-2, CP43-1, CP43-1 pull site east, CP44-1, CP48-2 to CP50-1, CP55, CP56-1, CP57, CP62-2 to CP64-2, CP65-1 pull site, CP71, CP74-2, CP75-1, CP78-2, CP80-2, CP82-1 to CP84, CP86, CP87/CP88 pull site, CP95/CP96 pull site, CP98-1, CP109-1, GS-NF-2, GS-NF-3, GS-NF-5, GS-NF-6, GS-NF-7, and GS-NF-9.

BLM Lands:

• BMP maintenance occurred from CP58-1 to CP60 and at CP62A.

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

• BMP installation and maintenance occurred at CP2, CP3, CP3 pull site, CP6-1 to CP9-1, and CP11-1 to CP15-1.

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

• BMP installation/maintenance occurred at TL6924 Locations 3, 4, and 10, and on TL6915 at Location 3.

US Forest Service Lands:

- BMP maintenance occurred at CP99-2 and CP100-1.
- 6. One red diamondback rattlesnake (*Crotalus ruber*) was found dead at EP254-3. One red diamondback rattlesnake (*Crotalus ruber*) was relocated from the EP236/EP237 pull site. (Link 1)
- 7. On April 4, 2012, an incident occurred where a bulldozer was found parked in an Environmentally Sensitive Area (ESA) just inside the entrance gate to EP237 pull site. Both cultural and Native American monitors were brought onsite and determined that no sensitive resources were harmed. This is the second incident that occurred; the first occurred on March 31, 2012 (see Figures 7 and 8). (Link 1)
- 8. One two-striped garter snake (*Thamnophis hammondii*) was found dead on the access road near EP63. (Link 2)
- 9. One coastal rosy boa (*Lichanura trivirgata roseofusca*) and one coast horned lizard (*Phrynosoma blainvillii*) were relocated from the access road near CP44. (Link 5)
- 10. Minor leaks, drips, and releases on USFS lands were submitted to the USFS in a weekly HazMat log.
- 11. Pre-construction surveys were performed throughout Link 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: Robert Paul, Ed Wieringa, Jennifer MacDonald.

SUBSTATION CONSTRUCTION AND UPGRADES

Summary of Activity:

- 1. Suncrest Substation, Link 3 (non-federal lands): Clean-up activities occurred along Bell Bluff Truck Trail (BBTT). Guard rail installation also took place on BBTT (see Figure 9). Select fill material and Class 2 base were spread in the southeast quadrant to bring it to rough grade. Final grading also took place in the southeast quadrant. Concrete was poured in the southeast detention basin. Drain work occurred in the transformer oil containment pits. Wiring continued inside the control shelter. Electrical testing continued throughout the substation. Fence installation was completed around the water tank and continued around the reactors and perimeter of the substation. Equipment was moved to Wilson Yard to be hauled off. The rock crushing plant was disassembled. The rock crushing equipment and excavator were hauled off.
- 2. Imperial Valley (IV) Substation Upgrade (BLM lands): No Sunrise Powerlink related work occurred during this reporting period.
- 3. San Luis Rey Substation (non-federal lands): Wiring crews worked inside the control house.
- 4. Encina Substation (non-federal lands): Relay and wiring crews worked near the control house. Crews installed a new gas circuit breaker, disconnects, and wiring in Bay 1.
- 5. Pomerado Substation: (non-federal lands): A bee hive outside of the northwest entrance was removed by an exterminator.
- 6. Sycamore Substation (non-federal lands): Crews worked on 69 kV bus upgrades and testing new gas circuit breakers in the 69 kV rack. Contractors drilled for a new tower location outside the control house.

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:

Non-Federal Lands:

- 1. Alpine Construction Yard Equipment/Materials staging, water staging, dust suppression, weed wash station operations, and staging for QC, road, gate, and BMP crews occurred.
- 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 Water staging, helicopter operations, weed wash station operations, dust suppression, weed treatment, tower assembly, and staging for micropile, erection, QC, and BMP crews occurred (see Figure 10).
- 6. Fromm Yard No work occurred at this yard during this reporting period.
- 7. El Monte Yard Hauling fertilizer to site and grading as part of restoration, rock and rumble plate removal from the entrance, and discing of yard.
- 8. Helix Yard Helicopter operations, weed wash station operations, dust suppression, and staging for assembly, wire, road, erection, BMP, and QC crews occurred.
- 9. Jacumba Valley Ranch (JVR) Yard Helicopter operations, weed wash station, water staging, and dust suppression occurred. Also used for staging QC, BMP and micropile crews.
- 10. Kreutzkamp Yard Helicopter operations, weed wash station operations, water staging, dust suppression, tower assembly, vegetation maintenance, and staging for conventional foundation, micropile, BMP, erection, and QC crews occurred.
- 11. Rough Acres Yard Helicopter operations, tower assembly, water staging, dust suppression, equipment and materials hauling and staging, and usage of the weed wash station took place. This yard was also used for staging erection, QC, hauling, road, wire, conventional foundation, micropile and BMP crews.
- 12. SWAT Yard Water staging, helicopter operations, dust suppression, weed wash station operations, and staging for micropile, road, erection, and BMP crews occurred.
- 13. S2 Yard A thicker tackifier was applied to the site per BLM request (see Figure 11). Restoration of this yard is complete.
- 14. Sycamore Yard Dust suppression, helicopter operations, water staging, vegetation maintenance, and staging for micropile, QC, road, and BMP crews occurred.
- 15. Wilson Yard Dust suppression and tower assembly occurred in this yard. This yard was also used for staging BMP crews.

Federal Lands (BLM):

- 16. Dunaway Yard Yard has been restored.
- 17. Imperial Valley Yard Yard has been restored.

- 18. McCain Valley Yard Helicopter operations, water staging, dust suppression, tower hookers, tower assembly, and hauling steel took place in this yard.
- 19. Plaster City Yard Yard restoration is largely complete.

Federal Lands (USFS):

20. Thing Valley Yard – Helicopter operations, water staging, dust suppression, tower assembly, hauling steel to yard, and staging for BMP and micropile 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. On April 2, 2012, it was noted to the Link Lead that parking occurred in unapproved project areas near the S2 Yard. Immediate corrective action was observed (see Figure 12). (Link 1)
- 3. Four two-striped garter snakes (*Thamnophis hammondii*) were relocated; three (3) from a drop tank on the access road to Kreutzkamp Yard and one (1) near the guard shack on the access road near 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.

| | (0) 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. | | |

TABLE 1 CPUC NTPs (Updated 04/26/2012)

| | Date | Date | | |
|---------|-----------|----------|-----------------------|--|
| NTP# | Requested | Issued | Segment | Description |
| 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.

| Variance RequestedDate IssuedSegmentDescription#111/04/1011/10/10YardThomas Yard (El Centro, CA)#111/04/1003/18/11YardSycamore Estates Construction Yard. Response to inquiry received 02/23.#301/06/1001/18/11AllModification to tree trimming requirements.#301/05/1101/25/1101/26/11AllModification to brush clearing requirements.#401/13/1101/26/11AllModification to brush clearing requirements.#401/13/1103/01/11YardSite improvements at the Wilson Construction yard and along Bell Bluff Trail#502/01/1103/01/11Link 5Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.#702/11/1103/01/11Link 2Alternate access route to Structure EP 27.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11Link 4Additional work space ast of EP215.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1104/25/11Link 2Additional turnaround along the access road to EP 220-1.#1304/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | ir | | | | [04/20/2012) |
|--|---------|-----------|----------|---------|---|
| #111/04/1011/10/10YardThomas Yard (El Centro, CA)#212/22/1003/18/11YardSycamore Estates Construction Yard. Response to inquiry received 02/23.#301/06/1001/18/11AllModification to tree trimming requirements.#301/02/1101/26/11AllModification to brush clearing requirements.#401/13/1103/01/11YardHelicopter Temporary Landing Pad area at the Alpine Regional Field Offices.#502/01/1102/09/11YardSite improvements at the Wilson Construction yard and along Bell Bluff Trail#602/01/1103/01/11Link 5Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.#702/11/1102/17/11Link 3Additional work areas for construction trailers, parking, etc.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11Link 4Additional construction work space at Viejas Creek Bridge.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1105/06/11Link 2Two fiber optic regeneration sites.#1304/13/1105/06/11Link 3Change visual screening at Project construction yards from slats to fabric. | | | | | |
| #212/22/1003/18/11YardSycamore Estates Construction Yard. Response to inquiry received 02/23.#301/06/1001/18/11AllModification to tree trimming requirements.#3 MOD01/25/1101/26/11AllModification to brush clearing requirements.#401/13/1103/01/11YardHelicopter Temporary Landing Pad area at the Alpine Regional Field Offices.#502/01/1102/09/11YardSite improvements at the Wilson Construction yard and along Bell Bluff Trail#602/01/1103/01/11Link 5Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.#702/11/1102/17/11Link 3Additional work areas for construction trailers, parking, etc.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11AllPerform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.#1004/04/11 (revised)04/14/11Link 4Additional workspace east of EP215.#1104/06/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | Request | Requested | Issued | Segment | Description |
| Image: Section of the section of th | #1 | 11/04/10 | 11/10/10 | Yard | Thomas Yard (El Centro, CA) |
| #3 MOD01/25/1101/26/11AllModification to brush clearing requirements.#401/13/1103/01/11YardHelicopter Temporary Landing Pad area at the Alpine Regional Field Offices.#502/01/1102/09/11YardSite improvements at the Wilson Construction yard and along Bell Bluff Trail#602/01/1103/01/11Link 5Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.#702/11/1102/17/11Link 3Additional work areas for construction trailers, parking, etc.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11AllPerform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.#1004/04/1104/14/11Link 1Additional workspace east of EP215.#1104/06/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #2 | 12/22/10 | 03/18/11 | Yard | |
| #401/13/1103/01/11YardHelicopter Temporary Landing Pad area at the Alpine Regional Field Offices.#502/01/1102/09/11YardSite improvements at the Wilson Construction yard and along Bell Bluff Trail#602/01/1103/01/11Link 5Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.#702/11/1102/17/11Link 3Additional work areas for construction trailers, parking, etc.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11AllPerform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.#1004/04/1104/14/11Link 1Additional workspace east of EP215.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #3 | 01/06/10 | 01/18/11 | All | Modification to tree trimming requirements. |
| HoleAlpine Regional Field Offices.#502/01/1102/09/11YardSite improvements at the Wilson Construction yard and along Bell Bluff Trail#602/01/1103/01/11Link 5Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.#702/11/1102/17/11Link 3Additional work areas for construction trailers, parking, etc.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11AllPerform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.#1004/04/1104/14/11Link 4Additional construction work space at Viejas Creek Bridge.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #3 MOD | 01/25/11 | 01/26/11 | All | Modification to brush clearing requirements. |
| Image: Section of the section of th | #4 | 01/13/11 | 03/01/11 | Yard | |
| #702/11/1102/17/11Link 3Additional work outside of the dry season.#702/11/1102/17/11Link 3Additional work areas for construction trailers, parking, etc.#803/02/1103/08/11Link 2Alternate access route to Structure EP 27.#903/29/1104/06/11AllPerform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.#1004/04/11 (revised)04/14/11Link 4Additional construction work space at Viejas Creek Bridge.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #5 | 02/01/11 | 02/09/11 | Yard | |
| Image: marking backgroup with the second s | #6 | 02/01/11 | 03/01/11 | Link 5 | |
| #903/29/1104/06/11AllPerform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.#1004/04/11 (revised)04/14/11Link 4Additional construction work space at Viejas Creek Bridge.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #7 | 02/11/11 | 02/17/11 | Link 3 | |
| Image: Second systemImage: Second systemImage: Second systemImage: Second system#1004/04/1104/14/11Link 4Additional construction work space at Viejas Creek Bridge.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #8 | 03/02/11 | 03/08/11 | Link 2 | Alternate access route to Structure EP 27. |
| (revised)Bridge.#1104/06/1104/22/11Link 1Additional workspace east of EP215.#1204/15/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #9 | 03/29/11 | 04/06/11 | All | allowed by local ordinances with local jurisdiction |
| #1204/15/1104/25/11Link 1Additional turnaround along the access road to EP 220-1.#1304/13/1105/06/11Links 1 & 2Two fiber optic regeneration sites.#1404/28/1105/03/11YardsChange visual screening at Project construction yards from slats to fabric. | #10 | | 04/14/11 | Link 4 | |
| Image: second | #11 | 04/06/11 | 04/22/11 | Link 1 | Additional workspace east of EP215. |
| #14 04/28/11 05/03/11 Yards Change visual screening at Project construction yards from slats to fabric. | #12 | 04/15/11 | 04/25/11 | Link 1 | - |
| yards from slats to fabric. | #13 | 04/13/11 | 05/06/11 | | Two fiber optic regeneration sites. |
| #15 05/12/11 05/19/11 Link 2 Alternate access to EP 84. | #14 | 04/28/11 | 05/03/11 | Yards | |
| | #15 | 05/12/11 | 05/19/11 | Link 2 | Alternate access to EP 84. |

TABLE 2 VARIANCE REQUESTS (Updated 04/26/2012)

| Variance | Date | Date | | |
|---------------|-----------|-----------------|------------------------|--|
| Request | Requested | Issued | Segment | Description |
| #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 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 | Additional workspace for wire pulling activities. |
| #32 Mod | 01/04/12 | 01/06/12 | 1, 2, & 5 | 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. |

| Variance Request | Date Requested | Date Issued | Segment | Description |
|---------------------|-------------------|-----------------|--------------------|--|
| #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. |
| #40 | 03/20/12 | 03/21/12 | Link 5 | Additional work space near GS-NF-7, San Vicente Reservoir. |
| #41 | 04/17/12 | Under Review | Link 2 | Cinnamon Drive Road improvements near EP36-1. |

 TABLE 3

 TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS

 (Updated 04/26/2012)

| i | | | | 0 1/ 20/ 2012) |
|----------|-----------|----------|------------|--|
| TEWS | Date | Date | | |
| Request | Requested | 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 | Date | Date | | |
|----------|-----------|----------|---------|--|
| Request | Requested | Approved | Segment | Description |
| 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 #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. |

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 04/26/2012)

| Туре | Date | Location | Description |
|-------|----------|------------------------|---|
| PM #1 | 12/07/10 | Thomas | Failure to report unanticipated biological resources within |
| | | Yard | 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. |

| Туре | Date | Location | Description |
|-----------------------|----------|--------------------------|--|
| 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 breeching 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.

| Туре | 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. |

TABLE 5 PROJECT INCIDENTS (Updated 04/26/2012)

| Туре | Date | Location | Description |
|----------|----------|----------|---|
| 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. |

| Туре | Date | Location | Description |
|----------|----------|----------|--|
| Incident | 09/19/11 | Link 2 | 2 Micropile pipes were dropped during helicopter oper- ations 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. |
| 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. |

| Туре | Date | Location | Description | | | |
|----------|----------|----------|--|--|--|--|
| 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. | | | |
| 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. | | | |

| Туре | Date | Location | Description | | | |
|----------|----------|----------|--|--|--|--|
| 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. | | | |
| 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 C 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. | | | |

| Туре | Date | Location | Description | | | |
|----------|----------|----------|---|--|--|--|
| 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 ate 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. | | | |
| 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. | | | |

CONSTRUCTION PROGRESS

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

TABLE 6CONSTRUCTION PROGRESS

| | Total | Released for | Foundations | Towers | Wire | | | | |
|---------------------------|--------|--------------|-------------|---------|-----------|--|--|--|--|
| Agency | Towers | Construction | Completed | Erected | Installed | | | | |
| Non-Federal | 169 | 169 | 167 | 143 | 105 | | | | |
| Bureau of Land Management | 179 | 179 | 173 | 151 | 121 | | | | |
| US Forest Service | 76 | 76 | 75 | 24 | 17 | | | | |
| Miramar | 14 | 14 | 14 | 14 | 11 | | | | |
| Total | 438 | 438 | 429 | 332 | 254 | | | | |

PROJECT PHOTOGRAPHS



Figure 1: Assembly work at Tower EP254-3. (Link 1)



Figure 2: Flying sock line at Tower EP200-3. (Link 1)



Figure 3: Snub testing at EP243/EP244 pull site. (Link 1)



Figure 4: Micropile grouting at EP62A-1. (Link 2)



Figure 5: Micropile drilling at EP10-2. (Link 2)



Figure 6: Installation of guard structures across Highway 67 near EP36. (Link 5)



Figure 7: Off right-of-way (ROW) incident at EP236/EP237 pull site access road from April 4, 2012. Note the disturbed soil and ESA signage. (Link 1)



Figure 8: Off ROW incident from March 31 2012 at EP236/EP237 pull site access road. Note the disturbed soil and ESA signage. (Link 1)



Figure 9: Guard rail installation along BBTT. (Link 3)



Figure 10: Helicopter view of Bartlett Hauser Construction Yard. (Link 2)



Figure 11: Applying tackifier to S2 Yard. (Link 1)



Figure 12: Project related vehicles parked off ROW at S2 yard. (Link 1)