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

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: September 8, 2011
Subject: Weekly Report 49 – August 21 to August 27, 2011

INTRODUCTION

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

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

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

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

TRANSMISSION LINE CONSTRUCTION

Summary of Activity:

1. Link 1, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Grading and site preparation occurred at :
 - Tower sites EP255, EP255 pull site, EP257, EP259-3, and EP261-2 (see Figure 1).
 - Access roads from EP252A to EP255.
- Soil boring occurred at EP252-1 and EP255-2.
- Conventional drilling, cage installation, concrete pour, capping, form removal, clean up and grounding was conducted at EP239-1.

BLM Lands:

- The EP269 pull site was utilized as a material staging area for helicopter operations within the Interstate 8 (I-8) island.
- Grading occurred at:
 - Tower sites EP263A-2, EP263B-2, EP263B-2 TSAP, EP265-2, EP267-2 TSAP, EP269, EP271-2, EP274, EP275, EP278, EP278 TSAP, and EP292.
 - New spur roads associated with tower sites at EP323-1 and EP324.
 - Maintenance on existing road (McCain Valley Road) from Rough Acres Yard to McCain Valley Yard, at the dip section near EP326, and along the Southwest Powerlink (SWPL) access road from EP342 to EP363.
- Temporary mats were placed over dry washes at EP323-1 and EP324 access roads (see Figure 2).
- Temporary platforms were installed at EP267-2.
- Conventional drilling was conducted at EP290 and EP292-1.



- Micropile drilling took place at EP269-2, EP272-3, EP273-1, EP279-1, EP280-2, and EP281.
- Micropile grouting occurred at EP279-1, EP281, and EP305-3.
- Micropile proof testing was conducted at EP305-3 and EP315.
- Micropile cap preparation took place at EP310, EP311-1, EP312, EP314, EP315-1 and EP317.
- Foundation cage installation, concrete pouring, capping, and grounding were conducted at EP290, EP291-1, and EP292-1.
- Form removal and cleanup occurred at EP290 and EP291-1.
- Tower assembly was conducted at EP296, EP298, EP301, EP303-2, from EP306 through EP309, EP325-2, EP326, EP342, EP349, EP359 and EP363.
- Ground resistance testing took place at EP296, EP319, EP328, and EP359.
- QA/QC occurred from EP299 through EP302, EP308, EP309, EP313, from EP319 through EP322, EP325-2, from EP327 to EP329, EP340, EP342, EP349, and EP359.
- Travelers were placed between EP342 and EP348.
- Sock line, hard line, and conductor were pulled from EP341 to EP348.
- Sagging occurred between EP338 and EP348.
- Insulators were installed at EP341.
- Optical ground wire (OPGW) was pulled between the EP338/339 pull site to EP339.
- Sleeving was completed between EP338 and EP339 and between EP343 and EP344.
- Armor clips were installed at EP341 and EP342.

2. Link 2, 500 kV Overhead Transmission Line:

Non-Federal Lands:

- Access road construction and grading occurred to EP39-1 and between EP39-1 and EP40-1 (see Figures 3 & 4).
- Soil boring occurred at EP39-1 and EP54-1.
- Micropile cap work occurred at EP84.
- Form removal and cleanup occurred at EP90-1.
- Tower assembly occurred at EP89-1, EP90-1, and EP92.

BLM Lands:

- Access road construction occurred at EP42N.
- Arroyo toad exclusionary fencing installation occurred along the access road between EP47 and EP53 (see Figures 5 & 6).

US Forest Service Lands:

- During this reporting period, there were 5 days with PAL levels of EV and 1 day with a PAL level of D. Work activities ended each day in accordance with the Fire Plan.
- Access road construction occurred at EP131.
- Grading occurred at the EP124/125 pull site.
- Topsoil salvage occurred at the EP125 pull site.
- Vegetation removal/site setup occurred at EP126-1 (see Figure 7) and EP127.
- Soil boring occurred at EP127.

3. Link 4, 220 kV Underground Transmission Line (non-federal lands only):
 - Saw cutting occurred from V9R to V10R.
 - Trenching occurred from V10R to V12R, V10L to V11L, V18R to V19R, and V20L to the riser pole.
 - Pouring of encasement occurred from V20L to the riser pole.
 - Pre-racking/racking and cleaning of manholes for jointing/splicing occurred at V4R to V6R, V6L, V9L, V13L, V14L, and V15L.
 - Proofing occurred from V11R to V14R.
 - Paving (including preparation) occurred near V10L to V11L and Viejas Creek to V19R.
 - Cable pulling (and cable testing) occurred from V15R to V17R.
 - Striping occurred on Alpine Boulevard.
 - Risers were installed at the Loritz Property.
 - Grading occurred at the Slay Property.
 - Redevelopment/revitalization occurred at Alpine Boulevard (Alpine Elementary School).
 - Temporary bridge installation occurred at Bauer Bridge (see Figures 8 & 9).

4. Link 5:

Non-Federal Lands, 220 kV Overhead Transmission Line:

- Vegetation removal and site preparation occurred at the CP70-3 spur and access road, CP71, CP72-2, CP72-2 TSAP, CP73-2, CP74-2, CP106-1, CP107, CP108, and CP109-1.
- Grading occurred at CP70-3 (see Figure 10).
- Micropile preparation occurred at CP62-2 and CP74-2.
- Micropile drilling occurred at CP21, CP23, and CP66-2.
- Grouting occurred at CP21.
- Micropile trimming occurred at CP40-1.

BLM Lands, 220 kV Overhead Transmission Line:

- Vegetation removal and site preparation occurred at CP66-2 and CP67-3.
- Grading occurred at CP60 and CP61-1.
- Site cleanup occurred at CP67-3.

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

- Steel erection occurred at CP2-1.

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

- No work occurred on the 69 kV line during this reporting period.

US Forest Service Land:

- No work occurred on USFS land 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:

- Tower sites: EP256, EP258, EP261A, and EP262.

BLM Lands:

- Tower sites: EP264-4, EP266-2, EP269 pull site, from EP275 through EP277, EP295, EP297, and EP304.
- Access roads to EP323-1 and EP324.

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

Non-Federal Lands:

- EP39-1 access road, EP39-1, EP79, EP84, EP85-2, EP86, EP91.

US Forest Service Lands:

- EP132-2, EP135, EP136, EP137, EP138-2, and EP135 to EP139-1.

BLM Lands:

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

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

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

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

Non-Federal Lands:

- CP18-1, CP19-1, CP20, CP23, and CP47.

BLM Lands:

- CP60 and CP61-1.

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

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

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

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

US Forest Service Lands:

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

6. Two flat-tailed horned lizards (*Phrynosoma mcallii*) were found dead; one along the Southwest Powerlink (SWPL) access road near EP345 and one was found near EP360. Five flat-tailed horned lizards (*Phrynosoma mcallii*) were relocated away from construction activities to a more suitable habitat. Two were relocated from EP349, one from the SWPL access road near EP346, one from between EP320 and EP321, and one from the SWPL access road between EP344 and EP35. (Link 1)
7. One red diamond rattlesnake (*Crotalus ruber*) was found dead at EP255 due to mowing activities. (Link 1)
8. Daily barefoot-banded gecko sweeps were made by a qualified biologist where work occurred in the species' habitat. (Link 1)
9. Two San Diego Coast Horned Lizards (*Phrynosoma blainvillei*) were relocated at EP125. (Link 2)
10. One coast patch-nosed snake (*Salvadora hexalepis virgultea*) was found dead on the access road to CP70-3. One red diamond rattlesnake (*Crotalus ruber*), one Belding's Orange-throated Whiptail (*Aspidoscelis hyperythra beldingi*), one San Diego Desert Woodrat (*Neotoma lepida*) was discovered at CP70-3 and was relocated out of the construction area and into suitable habitat. (Link 5)

11. Pre-construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.

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

Agency Representatives during Construction (other than EMs):

None.

Substation Construction AND UPGRADES

Summary of Activity:

1. Suncrest Substation, Link 3 (non-federal lands): Rough grading occurred on the substation pad and along Bell Bluff Truck Trail (BBTT). Rock was crushed for select fill material. Rock and soil were hauled from the northern portion of the pad to the southern portion of the pad. Piers were drilled for foundations. Foundation pads were formed and concrete was poured. Vault excavation and trenching between vaults for underground utilities took place along BBTT. Trench excavation for the permanent drainage system on the southern portion of the pad was conducted. The first transformer was delivered and moved onto the transformer foundation (see Figure 11). Grading occurred around the northern sediment detention basin. Drilling and blasting occurred on the eastern section of the pad.
2. Imperial Valley Substation Upgrade (BLM lands): Excavation and framing was completed for the maintenance building. Tower assembly also took place within the substation.
3. San Luis Rey Substation (non-federal lands): Wiring in the control house and Bank 70 continued.
4. Encina Substation (non-federal lands): Excavation around pads was conducted for wire pull boxes conduit trenches, and transformer pads between Bays 1 and 11. Rebar cages were set into the newly drilled holes on the eastern side of the new control room. Conduit installation, grounding, and work on the AC rack occurred. Concrete slurry was poured into the conduit trench and around wire pull boxes. Trenching for a fire wall occurred near the new control house.
5. Sycamore Substation (non-federal lands): The contractor re-graded and finished work in Bays 15 and 21. Crews set up for a build-out in Bay 26. Clean up was completed in preparation for the next phase of work. Crews worked on 3 pole sites connecting hardware to poles that were previously erected.
6. Scripps Ranch Substation (non-federal lands): All Sunrise Powerlink related work was completed on August 24, 2011.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. BMP maintenance and installation took place at Suncrest Substation. (Link 3)

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

Agency Representatives during Construction (Other than CPUC EMs):

None.

CONSTRUCTION YARDS AND OTHER WORKSPACES:

Summary of Activity:

Non-Federal Lands:

1. Alpine Construction Yard – Materials staging, weed wash station operations, and steel deliveries occurred.
2. Alpine Headquarters – Helicopters dropped off personnel.
3. AER Yard – Helicopter pad construction and steel deliveries took place.
4. Bartlett-Hausser Yard – Helicopter operations, tower preparation for helicopter sets, weed wash station operations, and tower assembly occurred.
5. Fromm Yard – Yard was turned over to the contractor. Helicopter operations and steel deliveries occurred in the yard.
6. El Monte Yard – Tower assembly and QA/QC occurred.
7. Helix Yard – QA/QC, access road construction, helicopter operations, water staging, and staging for foundation work occurred.
8. Jacumba Valley Ranch (JVR) Yard – Helicopter operations, steel hauling and water staging occurred in the yard.
9. Kreuzkamp Yard – Tower leg assembly, helicopter operations, steel hauling, weed wash station operations, staging for arroyo toad fencing crews, and steel delivery occurred.
10. Rough Acres Yard – Helicopter operations, materials staging, and tower assembly was conducted.
11. SWAT Yard – Tower assembly, weed wash station operations, water staging, and material deliveries occurred.
12. S2 Yard – Tower assembly, steel deliveries, QA/QC, water staging and steel staging took place.
13. Sycamore Yard – Grading for yard trailer setup, fence installation, yard setup, helicopter operations, steel delivery, and weed wash station operations occurred.
14. Thomas Yard – Materials staging and steel relocation occurred.
15. Wilson Yard – Materials were staged for Suncrest Substation. Tower assembly also took place.

Federal Lands (BLM):

16. Dunaway Yard – Used as a water supply for dust control, staging for wire stringing, and steel deliveries were made.
17. Imperial Valley Yard – Used as a water supply for surrounding work areas and access roads only.
18. McCain Valley Yard – Base was placed on the access road into the yard and elevated water tanks were installed. Vegetation clearing continued and fence installation began (see Figure 12).
19. Plaster City Yard – Helicopter activities, foundation work staging, concrete staging, and wire stringing operations were conducted. The yard was also used as a water supply for dust control in the surrounding area.

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 coast horned lizard (*Phrynosoma blainvillii*) was found dead at McCain Valley Yard due to vegetation clearing activities. Eleven coast horned lizards (*Phrynosoma blainvillii*) were relocated from the McCain Valley yard away from construction activities to a more suitable habitat. (Link 1)

3. One coast patch-nosed snake (*Salvadora hexalepis virgulata*) was relocated from the McCain Valley Yard away from construction activities to a more suitable habitat. (Link 1)
4. One Coronado skink (*Plestiodon skiltonianus interparietalis*) was relocated from the McCain Valley Yard away from construction activities to a more suitable habitat. (Link 1)
5. At the Helix Yard, insufficient watering was allowing for excessive dust generation during helicopter activities (see Figure 13). Additional watering has remedied the situation.

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 09/08/2011)

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

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

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

TABLE 2
VARIANCE REQUESTS
 (Updated 09/08/2011)

Variance Request	Date Requested	Date Issued	Segment #	Description
#1	11/04/10	11/10/10	Yard	Thomas Yard (El Centro, CA)
#2	12/22/10	03/18/11	Yard	Sycamore Estates Construction Yard. Response to inquiry received 02/23.
#3	01/06/10	01/18/11	All	Modification to tree trimming requirements.
#3 MOD	01/25/11	01/26/11	All	Modification to brush clearing requirements.
#4	01/13/11	03/01/11	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail
#6	02/01/11	03/01/11	Link 5	Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season.
#7	02/11/11	02/17/11	Link 3	Additional work areas for construction trailers, parking, etc.
#8	03/02/11	03/08/11	Link 2	Alternate access route to Structure EP 27.
#9	03/29/11	04/06/11	All	Perform construction activities outside of hours allowed by local ordinances with local jurisdiction approval.
#10	04/04/11 (revised)	04/14/11	Link 4	Additional construction work space at Viejas Creek Bridge.
#11	04/06/11	04/22/11	Link 1	Additional workspace east of EP215.
#12	04/15/11	04/25/11	Link 1	Additional turnaround along the access road to EP 220-1.
#13	04/13/11	05/06/11	Links 1 & 2	Two fiber optic regeneration sites.
#14	04/28/11	05/03/11	Yards	Change visual screening at Project construction yards from slats to fabric.
#15	05/12/11	05/19/11	Link 2	Alternate access to EP 84.
#16	05/16/11	05/21/11	Link 4	Additional parking space for use during underground construction.
#17	05/18/11	05/24/11	Encina Substation	Driveway improvement.
#18	06/27/11	07/14/11	Link 1	Gate installation between mile markers 38.5 and 39.5.
#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.

Variance Request	Date Requested	Date Issued	Segment #	Description
#22	07/08/11	08/04/11	Link 1	Fromm Construction Yard. Additional information submitted 08/04.
BLM DNA #1	07/19/11	08/05/11	Link 1	Minor modifications to portions of the Project on Bureau of Land Management lands.
#23	08/15/11	Under Review	Links 1, 2, & 5	Additional landing platforms and TSAPS.
#24	08/25/11	08/29/11	Suncrest Substation	Additional vegetation clearing around construction trailers.
#25	09/01/11	Under Review	Links 1 & 5	Extended use of approved TEWS areas for parking and staging.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 09/08/2011)

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

NON-COMPLIANCES & INCIDENTS

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

TABLE 4
NON-COMPLIANCES (NC) AND PROJECT MEMORANDA (PM)
 (Updated 09/08/2011)

Type	Date	Location	Description
PM #1	12/07/10	Thomas Yard	Failure to report unanticipated biological resources within 48 hours.
PM #2	02/11/11	EP 242, Link 1	Unauthorized ground disturbance at EP 242
NC #1	03/08/11	Suncrest Substation	Army Corp of Engineers issued NC for not complying with Special Conditions 19, 21 and 23 of DA Permit SPL-2007-00704-SAS.
PM #3	03/15/11	CP 67-3, Link 5	Staking crews operating and delivered by helicopters within Golden Eagle Buffer area.
PM #4	04/06/11	SWAT Yard	Unauthorized Nest Removal from a water truck at SWAT Construction yard.
PM #5	05/16/11	EP 340, Link 1	Operation of water trucks outside of approved disturbance areas at EP 340.

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

TABLE 5
PROJECT INCIDENTS
 (Updated 09/08/2011)

Type	Date	Location	Description
Incident	11/1/2010	White Star	Delivery of a rebar cage outside of the approved disturbance area.
Incident	02/17/2011	EP 244, Link 1	Nest incorrectly marked at entrance to EP 244.
Incident	02/18/2011	Alpine HQ	Emergency weather landing and storage of 3 helicopters at Alpine HQ.
Incident	03/12/2011	EP 252, Link 1	Bulldozer was delivered at site prior to CPUC clearance being given.
Incident	03/15/2011	EP 214, Link 1	Dewatering approximately 1 gal of groundwater from an excavation hole without having submitted a dewatering plan to the CPUC.
Incident	04/06/2011	JVR 12 kV, Link 1	Confusion on approved work areas due to varying maps having been distributed to workers and monitors.
Incident	04/07/2011	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	05/05/2011	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.

Type	Date	Location	Description
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 500ft 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.

CONSTRUCTION PROGRESS

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

TABLE 6
CONSTRUCTION PROGRESS

Agency	Total Towers	Released for Construction thru 09/08/11	Foundations Completed	Towers Erected	Wire Installed
Non-Federal	168	156	57	21	0
Bureau of Land Management	180	126	64	46	19
US Forest Service	76	51	0	0	0
Miramar	12	12	1	1	0
Total	436	345	118	65	9

PROJECT PHOTOGRAPHS



Figure 1: Breaking boulders and site preparation work at EP261-1. (Link 1)



Figure 2: Temporary Douglas Fir mat access road over dry wash at EP324. (Link 1)



Figure 3: BMPs on newly graded access road to EP39. (Link 2)



Figure 4: Grading operations on access road to EP40-1. (Link 2)



Figure 5: Beginning of Arroyo Toad exclusionary fencing, facing west. (Link 2)



Figure 6: Installation of Arroyo Toad exclusionary fencing with gravel bags to prevent digging in ecologically sensitive areas. (Link 2)



Figure 7: Vegetation clearing on USFS lands near EP126-1. (Link 2)



Figure 8: Temporary bridge installation at Bauer Bridge. (Link 4)



Figure 9: Metal plates being placed on temporary bridge at Bauer Bridge. (Link 4)



Figure 10: Grading and boulder removal on access road to CP70-3. (Link 5)



Figure 11: Delivery of the first transformer at Suncrest Substation. ([Link 3](#))



Figure 12: Vegetation clearing and fence installation at McCain Valley Yard. ([Link 1](#))



Figure 13: Dust from helicopter operations at Helix Construction Yard. More frequent watering has fixed the problem. (Link 5)