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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: February 24, 2011
Subject: Weekly Reports 21 – February 06 to February 12, 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 Workspace 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: Conventional drilling was conducted at EP 211, EP 213, EP 214, EP 215, EP 217, EP 218, EP 219 and EP 244. Air track drilling was conducted at EP 243, EP 244, EP 214, EP 218, EP 219. Helicopter structure assembly was conducted at EP 244, EP 245-1, EP 230-1, EP 238-1, EP 238-1, EP 232-1 EP 231, EP 233, and EP 237. Micropile drilling was conducted at EP 231-A and EP 238-1. Soil borings were conducted at EP 220. 12kV relocation inspections were conducted and work started on McCain Valley Road (see Figure 1). Clearing of Tower Staging Access Pads (TSAPs) and set-ups for micropiles were conducted at EP 226-1, EP 231, EP 238, EP 229, EP 235 and EP 225. Driveway improvements to access roads along McCain Valley Road were started.
2. Link 2: Soil boring was conducted at EP 93. Access road rough grading occurred at EP 92, EP 91 and EP 93.
3. Link 4: Excavations were conducted at Vaults 4 and 5. Excavation work continues in the bore pit at the jack and bore site south of Interstate 8 (I-8). Vault 4 and 6 were set. Ins/Outs were conducted at Vaults 14 and 15. Vegetation clearing was conducted on Alpine Boulevard near Vault 19. Work continued for the Viejas Bridge Hang.
4. A non-Sunrise Project related incident took place on the Bauer Property Bridge. As SDG&E operation & maintenance crews crossed the bridge, damage was incurred upon the bridge (see Figure 2). The bridge damage is not impacting construction or property owners, since demolition of the bridge was previously planned for creation of a new access road to the boring site on the northern portion of I-8. Plates were placed on the compromised portion of the bridge to allow continued access to either side of the waterway in order to prepare the area for demolishing activities. In addition, BMPs were placed along the waterway in order to prepare the area for the upcoming activities.
5. Link 5: Soil boring was conducted at CP 20. Access road rough grading occurred at CP 29-1, CP 31. Conventional foundation installation began at CP 17-1, CP 18-1, CP 19-1, and CP 22-1.
6. Pre-Construction surveys were performed throughout Link 1, 2 and 5 with appropriate monitors.



Environmental Compliance:

1. Biological, Cultural, and Native American monitors were present as applicable during all transmission line construction activities.
2. BMP installation continues to be performed.
3. Two California legless lizards (*Anniella pulchra pulchra*) were found dead at EP 220-1.
4. Minor hydraulic fluid leaks were reported on Link 4 Underground and were immediately contained, cleaned up and did not occur in storm water, waterways, or ESAs. Reporting was made to the County of San Diego Storm Water Hotline.

A Project Memoranda was issued for activities conducted at an unreleased tower site (EP 242), failure to have the proper monitors on site during the activities, and for neglecting to notify the CPUC of activities immediately after their occurrence. 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: Vegetation removal was completed on the pad and the road (see Figure 3); rough grading was also completed along the access road. BMP maintenance was performed in other areas as needed. Began installation of canyon drains. Continued rough grading on the pad. Temporary culvert crossing of Peterson Creek was completed for equipment delivery and access.
2. Imperial Valley Substation Upgrade: Trenching for conduit installation was performed.
3. Excavation work occurred at the San Luis Rey Substation. Work was conducted on Sunday with approval from the City of Oceanside, February 6, 2011.
4. Excavation and building of a new transformer occurred at the Encina Substation.
5. Work has been completed at the South Bay Substation.

Environmental Compliance:

1. All applicable Biological, Cultural, Paleontological, and Native American monitors have been present during ground disturbing activities at all substations.
2. A paleontological discovery of freshwater mollusks was made during trenching activities at the Imperial Valley Substation. Shells were found in spoil piles and have been recorded by the onsite Paleontological monitor. (See Figure 4.)
3. One California legless lizard (*Annilla pulchra pulchra*) was found dead at the Suncrest Substation.
4. At the Suncrest Substation, a cultural resource will be relocated to a previously identified location with the supervision of Cultural Monitors and Native American representatives from the Viejas tribe.

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:

1. Delivery of equipment, monopoles and wire reels continued at the Alpine Construction Yard.
2. No ground disturbing activities were conducted at the Alpine Regional Field Office (Alpine RFO).

3. Tower assembly and steel deliveries continue to be made at the Rough Acres Construction Yard. Improvements were made to the entrance into the yard.
4. BMP and fence installation have been completed at the Wilson Construction Yard.
5. Steel and foundation material deliveries continued at the Thomas Yard.
6. The wash station has been installed at the Jacumba Valley Ranch (JVR). Steel assembly and helicopter operations continue within the yard.
7. Access road potholing activities, vegetation clearing and fencing activities continued at the Helix Yard.
8. Access road grading, vegetation clearing and fencing activities continued at the Hartung Yard.
9. Access road grading, vegetation clearing and fencing activities continued at the Bartlett-Hauser Yard.
10. Herbicide application was conducted at the SWAT Yard to prevent the spread of weeds. In addition, installation of the wash station was completed.
11. Access road grading, vegetation clearing and fencing activities continued at the Kruetzkamp 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.

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 2/24/2011)

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.

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 2/24/2011)

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	Under Review	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	Under Review	Yard	Helicopter Temporary Landing Pad area at the Alpine Regional Field Offices. Response to inquiry received 02/18.
#5	02/01/11	02/09/11	Yard	Site improvements at the Wilson Construction yard and along Bell Bluff Trail
#6	02/01/11	Under Review	Link 5	Variance from Mitigation Measure H-1a (CC) to allow work outside of the dry season. Response to inquiry received 02/23.
#7	02/11/11	02/17/11	Link 3	Additional work areas for construction trailers, parking, etc.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
(Updated 2/24/2011)

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

NON-COMPLIANCES & INCIDENTS

Project Memorandum, Non-Compliance Reports, and other incidents that have occurred to date are presented in Table 4.

TABLE 4
NON-COMPLIANCES, PROJECT MEMORANDA (PM), AND OTHER INCIDENTS
(Updated 2/24/2011)

Type	Date	Location	Description
Incident	11/1/2010	White Star	Delivery of a rebar cage outside of the approved disturbance area.
PM #1	12/7/2010	Thomas Yard	Failure to report unanticipated biological resources within 48 hours.
PM #2	02/11/2011	EP 242	Unauthorized ground disturbance at EP 242
Incident	02/17/2011	EP 244	Nest incorrectly marked at entrance to EP 244.

PROJECT PHOTOGRAPHS



Figure 1: 12kV drilling along McCain Valley Road.



Figure 2: Bauer Property Bridge that was damaged by non-Sunrise related SDG&E operation & maintenance crews.



Figure 3: Vegetation removal completed at Suncrest Substation pad site.



Figure 4: Paleontological discovery at the Imperial Valley Substation.