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**PROJECT MEMORANDUM  
DELTA DPA CAPACITY INCREASE SUBSTATION PROJECT**

**To:** Junaid Rahman, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** May 9, 2008  
**Subject:** Bi-monthly Report #27: April 20, 2008 – May 3, 2008

**CPUC ENVIRONMENTAL MONITOR (EM):** Jody Fessler

CPUC EM Jody Fessler was on site Thursday, April 30<sup>th</sup>.

**SUBSTATION SITE:**

**Summary of Activity:**

During the week of April 20 through April 26, PG&E electrical crews pulled wire and connected wire for the switchgear enclosure and made various connections for the buswork structure. The PG&E gas crews installed pull boxes, trenched and installed underground conduit around the parameter of the substation. The PG&E tower crew completed the partial erection of the 230 kV loop tower. D&C Concrete completed the forms and poured concrete for the SPCC pond.

During the week of April 27 through May 3, PG&E electrical crews worked on the buswork structure and the switchgear building (see Figures 1 and 2). The first transformer arrived and was installed on Wednesday with a large crane (see Figure 3). The PG&E gas and line crews trenched and installed underground conduit and wiring. The PG&E tower crew finished constructing the tower top of the 230 kV loop tower (see Figure 4). D&C Concrete and Emmett Valley continued work on the SPCC pond (see Figure 5) and concrete foundations for a new building.

**ACCESS ROAD:**

**Summary of Activity:**

The access road was watered several times a day for dust control. Crews were reminded to keep speed limits to 15 mph and notify the PG&E Environmental Inspector (EI) if snakes were observed on the road.

**STAGING AREAS:**

**Summary of Activity:**

The staging yard/laydown yard on the north side of Sand Creek has been cleaned up and all materials removed from the area. Rolled wattles, silt fencing and wildlife exclusion fencing are still installed around the staging yard.

**BRIDGE OVER SAND CREEK:**

**Summary of Activity:**

No work has been done on the bridge over Sand Creek. It is complete except for guard rails, which still need to be installed. The CPUC EM noted at the time of the site visit that erosion controls were in place around the creek area and grass is growing in the area that was previously seeded.



**Environmental Compliance:**

The CPUC EM observed that all work activities were in compliance with the approved Mitigated Negative Declaration and other permit requirements. Escape ramps were placed in excavations to allow wildlife to escape and plywood or trench plates were placed over completed excavations to prevent wildlife from entering. Erosion controls were in place at all of the work areas. Heavy equipment was parked overnight in a designated area within the substation boundaries. Watering of the work area and access road for dust control has been conducted several times daily as needed. The CPUC EM reviewed PG&E EI daily reports and survey reports. Environmental training of crew personnel was on-going as new crew personnel came onto the site.

Nesting raptors have been observed building nests in the area, but do not seem to be disturbed by construction work. These birds will continue to be monitored for disturbance from construction activities.

During the week of April 20 through April 26, the PG&E EIs captured and relocated wildlife that entered the substation area, including one gopher snake, one rattlesnake, and a field mouse.

During the week of April 27 through May 3, the PG&E EIs captured and relocated one gopher snake.

**NOTICES TO PROCEED (NTP):**

On August 30, 2007, NTP #1 was issued by the CPUC for the PG&E Delta DPA Project. On August 29, 2007, PG&E requested authorization from the CPUC to commence with the civil/structural construction of the PG&E Delta DPA Capacity Increase Substation Project. The Project includes a proposed electric substation site, a new loop segment of an existing 230 kV transmission line, a temporary asphalt road, and a temporary bridge over Sand Creek in eastern Contra Costa County, within the limits of the City of Antioch, California. PG&E requested that NTP #1 include all construction activities related to the access road, bridge, substation, and transmission tower, as well as an extra staging area and a variance to Mitigation Measure CR-1. No additional NTPs are anticipated for the project.

**Variance Requests:**

No Variance Requests were submitted for review during the subject week. Table 1 presents the Variance Requests reviewed and approved by the CPUC for the PG&E Delta DPA Project to date.

**TABLE 1**  
**VARIANCE REQUESTS**  
(Updated 5-9-08)

Variance #	Date Requested	Date Issued	Description
#1	7-26-07	8-30-07	Request to modify Mitigation Measure CR-1, which requires a 10-foot fenced protective buffer for the site boundary of CA-CCo-682H fronting on the improved access road for the Project. Approved under NTP #1.
#2	8-29-07	8-30-07	Request for a new laydown area south of the proposed access road as it veers southwest towards Sand Creek. Approved under NTP #1.
#3	10-17-07	10-17-07	Request to encroach 5 feet into the cultural buffer zone for the movement of equipment.
#4	10-30-07	10-30-07	Request to extend Sand Creek bridge work until November 3 and road work until November 9 (installation of wildlife exclusion fencing along road) as approved by USFWS. USFWS issuing amended BO that will allow work on access road throughout the winter.

**SUMMARY OF ENVIRONMENTAL COMPLIANCE:**

One Project Memorandum has been issued by the CPUC EM for the project to date. On October 17, 2007, the CPUC EM issued a Project Memorandum for the encroachment of equipment into the cultural buffer zone near the northern bridge foundation on October 15<sup>th</sup>.

No Non-Compliance Reports (NCR) have been issued by the CPUC EM for the project to date.

## PHOTOGRAPHS



**Figure 1** – Crews working on buswork structures, April 30, 2008.



**Figure 2** – View of substation site looking northwest, April 30, 2008.



**Figure 3** – Crane installing transformer on foundation, April 30, 2008.



**Figure 4** – Tower for the 230 kV loop, April 30, 2008.



**Figure 5** – Crews working on the SPCC pond, April 30, 2008.