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**PROJECT MEMORANDUM
SCE RIVERWAY SUBSTATION PROJECT**

To: Jensen Uchida, CPUC
From: Vida Strong, Aspen Project Manager
Date: June 4, 2008
Subject: Construction Status Report # 6: April 27, 2008 –May 10, 2008

CPUC ENVIRONMENTAL MONITOR (EM): Lynn Stafford

CPUC EM Lynn Stafford was on site May 5th, 2008. During the visit, he met with Ed Lucas, SCE Inspector.

The SCE Riverway Project includes construction of a new 66/12-kilovolt (kV) low-profile substation on an approximate two-acre walnut orchard site in the City of Visalia, California. The project also includes installation of approximately 1,200 feet of underground 66 kV subtransmission lines starting at the intersection of Riggin Avenue and the extended North Mooney Boulevard and ending at the substation; and installation of new fiber optic cable and communication equipment to connect the substation to SCE's existing telecommunication system.

Currently, under Notice to Proceed #4, construction includes civil work, electrical and sub-transmission construction, site Landscaping, fence/gate, and Lighting. The civil work, which includes installation of temporary fencing, placement of crushed rock and shaker plates, installation of the ground grid, installation of concrete footings, placement of concrete pads, and the installation of conduit has been mostly completed. Substation electrical construction activities, which include installation of the transformers, capacitor banks, MEER setup, and landscaping, were well under way.

PREPARATION OF LAYDOWN YARD AND SITE GRADING:

Summary of Activity:

Prior to the May 5th CPUC EM site visit, the laydown yard had been prepared and stacked with materials for the civil phase of the Project. The site grading also had been completed.

CIVIL CONSTRUCTION

Summary of Activity:

MCS Construction, Inc. began civil construction activities on March 7th, 2008. By May 5th, construction of the perimeter wall was completed. Most of the work on the power grid, concrete footings, placement of concrete pads, and installation of conduit was completed, although asphalt placement (see Figure 1), installation of conduit (see Figure 2), and finish work on the water runoff retention basin continued. The Mechanical Electrical Equipment Room (MEER), which will be the only building on site, was in place. MCS is scheduled to complete the civil work within two or three more weeks.

ELECTRICAL AND SUB-TRANSMISSION CONSTRUCTION

Summary of Activity:

The electrical contractors continued their work. The transformers (see Figure 3), capacitor banks (see Figure 4), and circuit breakers have been transported to the site, and are in the process of being installed.



ENVIRONMENTAL COMPLIANCE:

No Project Memorandums or Non-Compliance Reports (NCR) has been issued by the CPUC EM for the project to date.

Several trenches two feet and greater deep had been excavated earlier in the Project. These trenches were provided with wood ramps at the close of each work day in order to prevent trapping of wildlife. A few of these trenches were still open on May 5th. These were still provided with wildlife ramps after work hours.

The CPUC EM surveyed the walnut grove and other surrounding areas bordering the project site on May 5th. The bird species observed so far this breeding season that have the potential to nest in the immediate vicinity of the Project site include red-tailed hawk, red-shouldered hawk, American kestrel, mourning dove, Anna's hummingbird, Nuttall's woodpecker, American crow, American robin, western bluebird, house finch, lesser goldfinch, and house sparrow. Many sites for cavity and tree platform nesting bird species exist in the walnut grove immediately adjacent to the Project site. There is little nesting habitat bush and ground nesting species. It is highly unlikely that Project activity will negatively affect any nearby nesting activity, since project activity is strictly confined to the Project site. There has been no attempt so far by any bird species to nest on site. The greatest amount of construction-produced sound occurred during the grading portion of the Project, which was completed before the onset of nesting activities by most bird species. Sound levels on May 5th were well below the 60 decibel level which is frequently used as the upper limit for construction-related noise adjacent to sensitive species habitat.

A concrete clean-out station continued to be situated at the laydown yard.

The fueling station in the laydown yard was properly lined for spill containment.

There was no evidence of fuel, oil, lubricant, or other hazardous construction-related substance on the substrate at the Project site.

There was no evidence of food-related waste on the Project site.

Dust was under control at the Project site. All vehicles were required to exit the project site onto Riggins Avenue via a shaker plate to reduce movement of dirt onto the public road.

NOTICES TO PROCEED (NTP):

Table 1 summarizes the NTPs issued to date for the SCE Riverway Substation Project.

TABLE 1
SCE RIVERWAY SUBSTATION PROJECT NTPs
 (Updated 06-04-08)

NTP #	Date Requested	Date Issued	Description
#1	October 10, 2007	October 16, 2007	Preliminary construction activities, including tree removal, preparation of a laydown yard adjacent to the substation site, and installation of temporary fencing.
#2	January 23, 2008	January 25, 2008	Installation of new fiber optic cable and communication equipment to connect the substation to SCE's existing telecommunication system.
#3	January 24, 2008	January 28, 2008	Grading and civil work, including substation site grading, installation of temporary fencing, placement of crushed rock and shaker plates, installation of the ground grid, installation of concrete footings, placement of concrete pads, and the installation of conduit.
#4	March 6, 2008	March 27, 2008	Substation electrical and sub-transmission construction activities. In addition, the site Landscaping Plan, fence/gate plans, and Lighting Plan were submitted which fulfill the remaining preconstruction requirements for the project.

VARIANCE REQUESTS:

No Variance Requests have been submitted to date.

PROJECT PHOTOS



Figure 1: One of the last of the civil construction activities at the site was the placement of asphalt pads. The photograph faces westward. The north perimeter wall is on the right.



Figure 2: Installation of electrical conduit was another civil construction activity still underway. The adjacent walnut grove is visible behind the north perimeter wall.



Figure 3: The transformers have been hauled to the site and were in the process of being installed. The photograph faces northwestward.



Figure 4: Capacitors also have been hauled to the site and were in the process of being installed.