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**PROJECT MEMORANDUM
SCE RIVERWAY SUBSTATION PROJECT**

To: Jensen Uchida, CPUC
From: Vida Strong, Aspen Project Manager
Date: September 5, 2008
Subject: Construction Status Report # 11: August 3, 2008 – August 30, 2008

CPUC ENVIRONMENTAL MONITOR (EM): Lynn Stafford

CPUC EM Lynn Stafford was onsite August 22nd, 2008. He expected to meet with Dennis Ower, SCE Inspector. However, no one was onsite. In a telephone conversation with Mr. Ower later the same day, it was learned that construction work has been temporarily discontinued because the City of Visalia has rejected the landscaping plans as presently written. SCE is addressing the concerns and will resubmit the plans to the City.

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 Riggan 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 (NTP) #4, construction includes electrical and sub-transmission construction, site landscaping, fence/gate, and lighting. Substation electrical construction, which includes installation of the transformers, capacitor banks, and MEER setup, has been recently completed. Landscaping and outside roadway and retention basin construction are underway. All civil work under NTP #4 has also been completed, including placement of crushed rock, concrete pads and shaker plates, and installation of the ground grid, concrete footings, and conduit.

PREPARATION OF LAYDOWN YARD AND SITE GRADING:

Summary of Activity:

Prior to the August 22nd CPUC EM site visit, the laydown yard had been dismantled.

CIVIL CONSTRUCTION

Summary of Activity:

MCS Construction, Inc. began civil construction activities on March 7th, 2008. By May 27th, all civil work had been completed.

ELECTRICAL AND SUB-TRANSMISSION CONSTRUCTION

Summary of Activity:

By August 22nd, all substation electrical and sub-transmission construction activities, except landscaping and outside road building, had been completed.

One of the transformers was activated before the July 4th holiday and was tied into the local power grid in order to meet the increased electricity demand expected during the holiday. The remainder of the system was completed and activated shortly after the holiday.



A paving contractor has completed paving roadways within the substation, and has constructed an asphalt berm around the transformers.

The landscaping contractor began construction of the road outside the north border of the substation before the temporary shutdown. This contractor also will implement landscaping on a ten-foot-wide strip on the outsides of the east, south, and west walls of the substation. This landscaping will include installation of a permanent irrigation system. The landscaper will be responsible for the initial three months of maintenance. In addition to the road and landscaping, this contractor is constructing three retention basins between the north wall and the outside road. These retention basins will hold water runoff from the outside road and the area surrounding the walls of the substation. Two shallow V-ditches have already been installed to facilitate the drainage (see Figure 1). A small amount of work on the road (see Figure 2) and retention basin (see Figure 3) had been completed since the prior visit by the CPUC monitor on August 1st.

ENVIRONMENTAL COMPLIANCE:

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

SCE was granted permission to remove the perimeter silt fencing instead of repairing it, since the Project is scheduled to be completed well in advance of the beginning of the next wet season. However, SCE has decided to leave it in place until road construction is completed.

The CPUC monitor has surveyed the walnut grove and other surrounding areas bordering the project site on several occasions during the current nesting season. The bird species observed so far this breeding season that may have nested 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, Brewer's blackbird, 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 for bush and ground nesting species. No occupied nests have been observed, but behavior suggests that several species are nesting within the grove adjacent to the Project site. 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 continued to be well below the 60 decibel level which is frequently used as the upper limit for construction-related noise adjacent to sensitive species habitat.

The concrete clear-out station has been removed from the laydown yard. All concrete placements on site have been completed.

The fueling station in the laydown yard has been removed and the laydown yard has been dismantled.

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 park on Mooney drive. The former exit via Riggan Avenue has been closed off and the shaker plate removed.

In accordance with the Project's Storm Water Pollution prevention Plan, an asphalt berm has been built around the transformers in order to contain any spillage of transformer oil.

To date, all employees have been given environmental training by the SCE Inspector.

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 09-05-08)

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 PHOTOGRAPHS



Figure 1: Two shallow V-ditches have been installed to facilitate the drainage from runoff outside the station to retention basins on the north side of the station near the road under construction. The above V-ditch is on the eastern side of the station. The photograph faces southward.



Figure 2: Some work was done on the access road prior to the current work stoppage. The photograph faces eastward.



Figure 3: Some work was done on the retention basins prior to the current work stoppage. The road under construction is on the left; one of the retention basins is in the middle; the perimeter wall of the station is on the right. The photograph faces eastward.