



Aspen *Environmental Group*

PROJECT MEMORANDUM SCE – VIEJO SYSTEM PROJECT

To: Jensen Uchida, CPUC
From: Vida Strong, Aspen Project Manager
Date: March 22, 2005
Subject: Weekly Report #33: March 13 – March 19, 2005.
CPUC Environmental Monitor (EM): Christopher Meyer

The CPUC EM conducted a site visit on March 15 and reviewed the substation, 220 kV, and 66 kV construction activities, and Best Management Practices (BMPs).

SUBSTATION CONSTRUCTION

Summary of Activity:

1. SCE continued working on the A-bank transformers and preparing the second A-bank transformer during the site visit.
2. The disconnects for the 12 kV section of the substation have been set on their foundations and will be connected to the system (see Figure 1).
3. Union has completed the excavation and pouring of the foundation for the block wall that will eventually surround the substation site and their subcontractor, Reycon, worked to set the second level of concrete blocks during the site visit (see Figure 2). The wall has been grouted to approximately 3 feet in elevation; however, a section of the wall was poured after being inspected by the Deputy City Inspector before the City informed SCE that the City Inspector was required to sign off on the inspection personally. The pattern of the wall can be seen now that the upper level has been set (see Figure 3). Ramparts will be added to the wall at intervals, as a design feature, once the blocks have been set.
4. Several small crews with NRG worked on the 66 kV section of the substation site to connect various components to the system (see Figure 4).
5. The poles for the cyclone fencing that will be on the eastern side of the substation site were being set during the site visit (see Figure 5).

Environmental Compliance:

For all operations, the CPUC EM observed that construction was in compliance with mitigation measures adopted in the MND and other permitting requirements. SCE has placed additional rock on the substation site, reducing the turbidity and sediment travel in rain events.

The site vegetation has been removed from the substation site and a LSA Environmental Inspector (EI) has not been on-site full-time. The LSA EI is periodically checking the excavations and foundation holes for sensitive and common animals. Several fossils have been discovered and collected for examination by the paleontologist during the course of the project. The majority of the excavation has been completed on the substation site and no fossil discoveries were reported during the subject week.

The Best Management Practices (BMPs) installed on the substation site have been installed and maintained. No off-site impacts were noted during the site visit and the maintenance of the BMPs appeared to be effective as SCE prepared for any future rains. The substation crews have been constantly improving the BMPs as work is completed in sections of the substation site.

220 kV TRANSMISSION LINE SEGMENT

Summary of Activity:

No construction occurred on the 220 kV transmission line segment during the site visit.

Environmental Compliance:

The BMP issues at the steel pole pad on the 220 kV transmission right-of-way have been addressed and no other storm water related issues were noted during the site visit.

Several birds were noted in the habitat adjacent to the 220 kV right-of-way. No construction work was occurring in the vicinity.

66 kV TRANSMISSION LINE SEGMENT

Summary of Activity:

The NTP for the 66 kV work within the City of Lake Forest was issued on February 1, 2005. No work occurred on the 66 kV transmission line segment during the site visit.

Environmental Compliance:

Jute netting has been placed on the slopes on the 66 kV pads that were subject to erosion and seeding has begun.

Many of the BMPs stopped sediment from leaving the construction area; however, some continue to need maintenance. The v-ditches will need to be cleaned of sediment prior to any predicted rain events.

NOTICES TO PROCEED (NTP):

NTP #1 was approved for substation construction by the CPUC on July 15, 2004, and NTP #2 was approved for the 220 kV upgrade on September 29, 2004. NTP #3 for 66 kV within the City of Lake Forest was issued by CPUC on February 1, 2005.

VARIANCE REQUESTS:

No variance requests were submitted for review during the subject week.

UPCOMING ITEMS:

None.

AGENCY PERSONNEL CONTACTS: None

Photographs



Figure 1 – The disconnects for the 12 kV portion of the substation site have been set.



Figure 2 – A specialized crew with Reycon set the upper section of concrete blocks on the south side of the substation during the site visit.



Figure 3 – The pattern of the block wall can be seen now that the upper level has been set. The berm in the foreground will be removed to maintain the required wall height.



Figure 4 – A small crew with NRG worked on connections on the 66 kV portion of the substation site.



Figure 5 – The poles for the cyclone fence were being set during the site visit. The cyclone fencing will only be on the eastern portion of the substation site and will not be visible from the public right-of-way.