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**PROJECT MEMORANDUM**

**ANTELOPE PARDEE PROJECT, SEGMENT 1**

**To:** John Boccio, Project Manager, CPUC  
Marian Kadota, Project Manager, ANF  
**From:** Vida Strong, Aspen Project Manager  
**Date:** April 2, 2008  
**Subject:** Weekly Report #11, March 23-March 29, 2008

The Antelope-Pardee Project, Segment 1, is comprised of three sections:

- Section 1: Pardee Substation to the ANF boundary.
- Section 2: ANF
- Section 3: ANF Boundary to the Antelope Substation

During the subject week, construction activity continued under Notice to Proceed (NTP) #5 for the construction of the Shoofly in Section 1, and NTP #2 for construction of the Antelope Substation in Section 3. No work was conducted in Section 2, on the Angeles National Forest. Equipment, materials, and office trailers are being staged in the various approved construction yards.

**SECTION 1, SHOOFLY**

**CPUC/Aspen Environmental Monitor (EM):** Jenny Slaughter was onsite March 25<sup>th</sup>, and 27<sup>th</sup> through the 29<sup>th</sup>.

**Summary of Activity:**

The Shoofly portion of the Antelope Pardee Transmission Line Project involves the installation of a temporary bypass line, or Shoofly, in order to maintain service along the existing 220 kV transmission lines. Construction of the Shoofly is taking place within an existing SCE transmission line right-of-way (ROW) in the city of Santa Clarita and Los Angeles County and involves the construction of 18 new structures to hold the Shoofly line, while the original structures holding the line are replaced to accommodate the new 500 kV line. Construction activity under NTP #5 and Modification #1 to NTP #5 consisted of the following activities.

1. Road crews are working in advance of drilling and pole setting crews. New temporary roads were constructed to Shoofly pole sites 10 and 15 during the subject week. Other Shoofly pole locations were accessed using roads upgraded for construction or using drive and crush methods to reduce disturbance.
2. Drilling for the Shoofly pole installation was completed at all remaining sites along the Shoofly.
3. Pole setting was completed at Shoofly pole locations 8-14 during the subject week (see Figure 1). Pole setting for Shoofly structures 15 and 18 are on hold until further road improvement can occur. At pole 15, further road widening along the temporary road constructed for access will be necessary to accommodate the large pole setting trucks. At pole site 18, setting trucks will be unable to access the site on the proposed "drive and crush" access, and a new, temporary road will have to be built. During a site visit on March 27<sup>th</sup>, the Aspen EM informed the contractor that a Variance would be required to address the change in disturbance from the approved access plans.



4. Hauling of material from the permanent tower site 25 continued. SCE Biological Monitors have been periodically monitoring the Red-tailed hawk nest in a tower adjacent to the access road used for hauling. Modification #1 to CPUC NTP #5 was approved after concurrence from the California Department of Fish and Game (CDFG) was provided for use of a nearby soil disposal site and associated haul roads. One haul road is within 50-feet of a transmission tower (not associated with this project) containing a red-tailed hawk nest (under construction). SCE has obtained a letter from CDFG dated March 17, providing concurrence that the construction use of the haul road within 500-feet from the nest could occur, provided that the nest is monitored by project biologists. The letter provides recommendations for monitoring of breeding birds, sensitive plants, and wildlife, requesting that maps be generated showing the locations of bird nests for project personnel reference and monitoring purposes.
5. SCE submitted a request (NTP # 5 Mod 2) for a portion of 66 kV line removal at the north end of Section 1. The work was scheduled to take place during an outage of a nearby line on March 28<sup>th</sup>, however this outage was cancelled and the work is on hold.

#### **Environmental Compliance:**

1. Because nesting bird surveys within a 500-foot buffer of project areas were not included in the original pre-construction biological survey report dated March 7, project biologists are conducting pre-construction biological sweep surveys (including a breeding bird survey within 500-feet) in advance of construction activity in order to comply with Mitigation Measure B-6 on the Shoofly. SCE's Biological Monitors are relying on construction personnel to give them advance notice when moving into a new area that has not been recently surveyed.
2. On March 25<sup>th</sup>, the CPUC EM toured the approved soil disposal site. Material from the excavation at tower 25 was being trucked to the disposal site and dumped in the approved areas. Once dumped, a bulldozer used the material to build up existing earthen berms bordering a dry drainage. Some of the loose soil and rocks from the dumping activity had fallen into the channel of the drainage (see Figure 2). Once the situation was brought to the attention of the contractor, crews hand removed the material from the drainage channel. SCE's Environmental Inspector worked with the contractor to install erosion control silt fencing to prevent more loose material from entering the drainage. A Project Memorandum was issued by the CPUC EM to document the non-compliance activity.
3. Encroachment permit from the City of Santa Clarita was submitted to the CPUC on March 12<sup>th</sup>, SCE is expecting Encroachment (for guard pole installation) and Grading (for new road construction) permits from Los Angeles County. The CPUC EM has requested copies of these when they are approved by the County.

One Project Memoranda (PM) was issued during the subject week for project soils deposited into a drainage at the soil disposal site.

#### **Agency Representatives:**

None.

#### **SECTION 2, ANF & ADJACENT YARDS**

**ANF Representatives:** Marian Kadota

**CPUC/Aspen Environmental Monitor (EM):** Jenny Slaughter

#### **Summary of Activity:**

No construction activity took place on the ANF during the subject week.

**Environmental Compliance:**

No Non-Compliance Reports were issued by the ANF during the subject week.

No CPUC Non-Compliance Reports (NCR) or Project Memoranda (PM) were issued during the subject week.

**SECTION 3, ANTELOPE SUBSTATION & ADJACENT YARDS**

**CPUC/Aspen Environmental Monitor (EM):** Jenny Slaughter

Aspen EM Jenny Slaughter toured the Antelope Substation on March 14<sup>th</sup>.

**Summary of Activity:**

Construction activity under NTP #2 at the Antelope Substation consisted of the following activities.

1. The installation of erosion control measures as identified in the SWPPP began and is being conducted by an SCE subcontractor. All personnel working on the Antelope Substation under NTP #2 are given Environmental Training in the office trailers and a log of trained personnel is kept on site.
2. Construction of the Mechanical Electrical Equipment Room (MEER) continued. Crews are working on the sub-floor and walls. Excavation for the building foundation has been completed. The Paleontological Monitor is no longer required during construction activities because the Paleontological Plan has been approved.
3. For the 66-kV sub transmission line relocation, foundations have been completed and steel placement continued.
4. The substation expansion area is on hold until SCE secures the adjacent land.
5. The Burns and McDonnell construction yard has been set up adjacent to the substation. Two office trailers have been brought to the site and are being set up for operation. The entire site has been graveled and straw wattles have been placed surrounding the yard.
6. PAR Construction has also set up office trailers in an area immediately adjacent to the Burns and McDonnell yard.

**Environmental Compliance:**

The CPUC EM observed that work activities were in compliance with NTP #2, the certified FEIR/S, and other permit requirements.

No Non-Compliance Reports (NCR) or Project Memoranda (PM) were issued during the subject week.

**CPUC NOTICES TO PROCEED (NTPs) & ANF PERMITTING**

Table 1 summarizes the CPUC Notice to Proceed and ANF permitting activity for the Antelope-Pardee Project, Segment 1, to date.

**TABLE 1**  
**CPUC NTPs & ANF PERMITTING**  
(Updated 04-02-08)

NTP #/ Permit	Date Requested	Date Issued	Description
<b>CPUC NTPs</b>			
#1	Oct 10, 2007	Oct 16, 2007	Mojave Marshalling Yard. Per the request, the yard will primarily be used to store construction equipment and materials for the project.
#2	Nov 16, 2007	Dec 10, 2007	Antelope Substation construction and expansion, as well as the use of two adjacent contractor laydown yards.
#2 Mod	Dec 21, 2007	Jan 2, 2008	Allow grading activity at the Antelope site/yards and replacement of an existing 80-foot microwave tower with a new 120-foot tower immediately outside of the communications room within the fenced area of the Antelope Substation.
#3	Jan 10, 2008	Jan 16, 2008	Use of five contractor laydown yards as named Pumpkin Yard, Pottery Yard, Pardee Substation Yard, Mechanics Yard and Avenue I Yard.
#4	Jan 29, 2008	Feb 4, 2008	Use of the Racetrack Marshalling Yard.
#5	Feb 19, 2008	Feb 28, 2008	Shoofly Construction, Section 1.
#5 Mod #1	March 11, 2008	March 19, 2008	Use of a new soil disposal site for the Shoofly construction, Section 1.
#5 Mod #2	March 24, 2008	March 26, 2008	Removal of the 66 kV conductor on the Del Sur-Saugus line during the outage scheduled for March 27, 2008.
#6	March 19, 2008	March 29, 2008	Use of three additional construction yards, Rodeo, Blue Cloud, and Pumpkin expansion.
<b>ANF PERMITTING</b>			
	Nov. 29, 2007	Dec. 14, 2007	Radio Repeater – installation of a temporary radio repeater site on Sierra Pelona Ridge to provide communication during construction activities tied to the project. Improvement installation began Jan. 11
	Sept. 27, 2007	Dec. 14, 2007	Geotechnical testing – 23 geotechnical borings are authorized on National Forest lands to provide additional information that will be used in the design of the transmission towers. Notice to proceed was signed Jan 31 to begin work the week of Feb. 3

**VARIANCE REQUESTS**

No variance requests were submitted during the subject week.

## PROJECT PHOTOGRAPHS - SHOOFLY



**Figure 1:** The installation of Shoofly poles at location 14 involved two cranes to move the poles up a steep slope.



**Figure 2:** Soils from the excavation work at Tower 25 were used to build up earthen berms immediately adjacent to a dry drainage at the disposal site. Some material had slid into the channel, a Project Memorandum was issued by the CPUC EM for the non-compliance activity.