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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 23, 2008
Subject: Weekly Report #14, April 13-April 19, 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 April 16th through the 18th.

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 corridor. 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 Antelope Pardee 500 kV structures. Construction activity under NTP #5 and Modification #1 to NTP #5 consisted of the following activities.

1. PAR crews worked on clipping in the new line between Shoofly Structures 14-17. This work involves removing the wire from the travelers and attaching insulators on the wire to the poles.
2. Conductor stringing took place between Shoofly structures 13-14. A truck was used to drive the line to the adjacent structure where it was then clipped in. Once the wire was attached, it was raised up into position.
3. Shoofly pole 9 was relocated about 40-feet from its original location, because it was determined that the line it supported was less than 25-feet from the ground (Government Order 95 requires 220 kV lines be at a minimum of 25-feet from the ground in areas accessible to pedestrians). PAR personnel recognized the problem and supported the wire using boom trucks while another crane moved the pole to its new location (see Figure 1).
4. Construction of the permanent 500 kV tower #25 (included in the Shoofly request) continued. Construction of tower 25 will be completed once the adjacent 220 kV tower is dismantled.



5. Hauling of material from the permanent tower site 25 has been completed. At the request of the landowner, the material was deposited and formed into berms to block out views of the nearby trailer park since the property is used for movie filming purposes. Also at the landowner's request, the berms will be revegetated by the contractor. CDFG biologist Dan Blankenship has indicated that the City of Santa Clarita may be able to provide the contractor with an appropriate seed mix for this area to be revegetated.
6. During a field meeting on April 18th, the CPUC EM toured three of the 66 kV towers adjacent to the Shoofly slated for removal. SCE will be seeking authorization to remove the wire between three towers during a scheduled outage on adjacent lines. According to PAR, the wire will be dropped on the ground and wound onto reels for recycling.
7. On April 11th, the CPUC EM toured areas of Section 1 which need major road improvements. In order for PAR to access the 500 kV and 220 kV tower sites with tower construction and dismantling equipment, some existing roads will need to be widened up to 15-feet.

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. During wire stringing between Shoofly poles 13 and 14, one of the wires entered an Environmentally Sensitive Area (ESA) and hit an elderberry tree containing an active house finch nest (see Figure 2). No biological monitor was present during this work. Upon inspection of the tree for damage, the CPUC EM found a new nest (occupied by hooded orioles) in the same tree. Both nests appeared undamaged. The Biological Monitor who was working that day, was unaware of the bird nest in the elderberry tree and had no resource maps with him. A Project Memoranda was issued by the CPUC EM describing the impacts to the ESA and documenting that the Biological Monitor did not have current resource information that could be used for monitoring purposes.
3. One new bird nests was found along the Shoofly. A hooded oriole was found near Shoofly pole 14. As requested in a letter to SCE on March 17th, 2008, CDFG recommended that new nests found in the project area identified and mapped to be submitted on a weekly basis. In addition, the maps would be provided to field monitoring staff during construction of the Shoofly. Maps of identified nests were last submitted on April 10.
4. Encroachment permit from the City of Santa Clarita was submitted to the CPUC on March 12th. A grading permit from Los Angeles County was provided to the CPUC on April 10th.

One Project Memoranda (PM) was issued during the subject week for impacts to an ESA located between Shoofly poles 13 and 14.

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

Given limited construction activity at the Antelope Substation, no site visit was conducted by the CPUC/Aspen EM during the subject week. Further construction at the Antelope Substation is awaiting the acquisition of adjacent land for the expansion.

CPUC NOTICES TO PROCEED (NTPS) & ANF PERMITTING

On April 3rd, SCE submitted requests for construction of Section 1 and for a 12 kV distribution line relocation in Section 3. Project submittals still outstanding include disturbance area maps as well as biological resource surveys. Prior to construction, disturbance areas and access roads will have to be marked in the field and verified by the CPUC EM. 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 04-23-08)

NTP #/ Permit	Date Requested	Date Issued	Description
CPUC NTPs			
#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 (Rodeo Yard not approved- pending further resource investigation)	Use of three additional construction yards, Rodeo, Blue Cloud, and Pumpkin expansion.
#7	April 3, 2008	Under review	Section 1 Construction.
#8	April 3, 2008	Under review	12 kV line relocation in Section 3.
ANF PERMITTING			
	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

Variance Request #2 was submitted to the CPUC on April 18th for several expanded wire stringing sites, additional staging areas, and guard pole sites associated with the 220 kV line removal. Variance Requests submitted to date are summarized in Table 2.

TABLE 2
VARIANCE REQUESTS FOR SEGMENT 1
 (Updated 04-23-08)

Variance Request	Date Requested	Date Issued	Description
VR #1	April 1, 2008	April 3, 2008	Change in construction of a overland travel road to Shoofly pole 18, to a temporary road construction method.
VR #2	April 18, 2008	April 19, 2008	Several expanded stringing sites, new staging areas, and guard pole installation sites for the removal of the 220 kV line.

PROJECT PHOTOGRAPHS-SHOOFLY



Figure 1: The relocation of Shoofly pole 9, due to low ground clearance of the wire. The wire was already strung in, but was unclipped and supported during the pole relocation.



Figure 2: An Environmentally Sensitive Area (ESA) shown surrounded by pink flagging, was encroached upon during wire stringing between Shoofly poles 13 and 14. The wire seen above entered the ESA and hit the elderberry tree containing two bird nests. No biological monitor was present during the work in this location.