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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 16, 2008
Subject: Weekly Report #13, April 6-April 12, 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 8th through the 11th.

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. Conductor stringing took place between Shoofly structures 14-17 (see Figure 1). A helicopter was used to fly in the wire "sockline" into travelers in each phase of the Shoofly poles. The lowest phase of line was installed first, followed by the other two phases. Lastly, a fiber line was flown in and attached to the top of each pole. Once the sockline was installed, it was attached to the conductor wire on reel trucks. A pulling machine set up at the opposite end of the wire reel trucks, then pulled the sockline back until the conductor was installed.
2. Road crews have completed road construction on the Shoofly.
3. Drilling for the permanent 500 kV tower footings (included in the Shoofly request) was completed and crews installed rebar cages into the footing holes and poured concrete (see Figure 2). Construction of tower 25 will be completed once the adjacent 220 kV tower is dismantled.
4. All temporary Shoofly poles have been set onto place, and road construction has been completed.



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 3, the CPUC EM toured several new workspace areas requested for the Shoofly work. Areas requested will be used during the removal of the wire in the existing 220 kV towers, and include snub sites, expanded staging areas, and guard pole placement. A Variance Request is expected to cover these sites for approval by the CPUC.
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. No new active bird nests were reported to the CPUC EM along the Shoofly. 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 submitted on April 10.
3. 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.

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

Agency Representatives:

John Boccio (CPUC) and Marian Kadota (ANF) toured the Shoofly area on April 10th with SCE and Burns and McDonnell representatives.

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.

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 04-16-08)

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

One Variance Requests was submitted on April 1st for temporary road construction to access Shoofly pole 18. The Variance was approved by the CPUC on April 3rd.

PROJECT PHOTOS - SHOOFLY



Figure 1: The installation of conductor wire between Shoofly poles 13-17 was completed using a helicopter. Once the sockline pulling cable was installed into each phase, the conductor wire was pulled back through the section and clipped in to each phase of the Shoofly pole.



Figure 2: At 500 kV tower 25, crews completed drilling the foundations and pouring concrete.