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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: March 28, 2008
Subject: Weekly Report #10, March 16-March 22, 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 17th, and 19th through the 21st.

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 the existing service along the existing transmission line corridor on existing SCE 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 (see Figure 1).
2. Drilling for the Shoofly pole installation was completed at sites 1-10, 13, and 14.
3. Pole setting has been completed at Shoofly pole locations 1-5, 7, and 13. Structures 1, 1A, 2, 13, and 14 are three pole structures. The other locations consist of one pole structures (see Figures 2 and 3).
4. A dead-end double-circuit lattice tower will be placed at Shoofly site 25. This will be a permanent structure that will be utilized for the final Antelope-Pardee transmission line. An existing road leading to site 25 was improved using excavators and bulldozers to widen the road to safely accommodate construction equipment to the tower site. At this location, approximately 13,000 cubic yards needs to be removed from the ridge to accommodate the new structure 25. Modification #1 to CPUC NTP #5 was approved after concurrence from the California Department of Fish and Game (CDFG) was pro-



vided 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.

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 20th, a pole drilling crew accessed Shoofly site 11 without notifying project biologists and began to set up equipment to begin drilling. SCE's Environmental Inspector (EI) arrived onsite and informed the crew that they would have to wait until a pre-construction biology sweep survey was conducted. Once the survey was completed, the crew was allowed to resume construction.
3. On March 21st, after Modification #1 to NTP #5 was issued, hauling of dirt from tower 25 took place and was deposited in the soil disposal site without a pre-construction sweep for biological resources being conducted along the haul roads or soil disposal site. The CPUC EM brought this to the attention of SCE's EI who then conducted the biology sweep surveys while construction was occurring. When the CPUC EM asked to see a copy of approved Modification #1 to NTP #5, no one onsite had the document. The CPUC EM reminded SCE's EI that all relevant plans and permits were required to be onsite for the duration of the project.
4. Included in the request for the soil disposal site were the use of two access roads A and B. Access road B is an existing SCE road was proposed to be used as is with no improvement, as delineated on project maps. Road A was proposed to be graded. During an inspection of the site on March 21st, the CPUC EM observed that the opposite had occurred, and road B was graded including the portion which crosses an existing retention basin (see Figure 4).
5. Three hazardous materials spills (diesel and hydraulic) were reported to the CPUC EM during the subject week occurring at Shoofly structures 1A, 4, and at the Pumpkin yard. All spills were reported to have been cleaned up and removed from the site.
6. Two additional bird nests were found by project biologists during the subject week. One Rufous-crowned sparrow nest was identified near Shoofly site 9 (over a hill from the pole site and approximately 300 feet away), and a California towhee nest found within 50 feet of the access road to Shoofly site 10.
7. Encroachment permit from the City of Santa Clarita was submitted to the CPUC on March 12th, 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.

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

Agency Representatives:

CDFG biologist Dan Blankenship visited portions of the Shoofly on March 19th to look at bird nesting activity along the project. In a letter to SCE summarizing the site visit, Mr. Blankenship recommended that the nests identified in the project area so far (red-tailed hawk nest near tower 25, raven nest near Shoofly 1, wren nest near Shoofly 4) be plotted on maps which would be provided to field and office leads for monitoring purposes.

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 14th.

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. A request for three new construction yards, NTP #6, was submitted to the CPUC on March 19th. The CPUC EM conducted site visits of all three proposed locations on March 20th, these yards requests are currently under review.

TABLE 1
CPUC NTPs & ANF PERMITTING
(Updated 03-28-08)

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	Under Review	Use of three additional construction yards, Rodeo, Blue Cloud, and Pumpkin expansion.
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

No variance requests were submitted during the subject week.

PROJECT PHOTOGRAPHS-SHOOFLY



Figure 1: Typical disturbance resulting from the drive-and-crush method, Shoofly Pole Location 12.



Figure 2: Typical one-pole Shoofly structure at Location 2.



Figure 3: Three-pole Shoofly structure at Shoofly Location 13.



Figure 4: Access Road B leading to soil disposal site after grading through retention basin. This roadway was proposed on project maps to be used with no improvement.