



5020 Chesebro Road, Suite 200, Agoura Hills, CA 91301
Tel. 818-597-3407, Fax 818-597-8001, www.aspeneg.com

**PROJECT MEMORANDUM
SCE DPV2 TRANSMISSION PROJECT**

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: December 07, 2011
Subject: Weekly Report 16, October 31 to November 6, 2011

INTRODUCTION

This report provides a summary of the construction and compliance activities associated with the SCE DPV2 Transmission and Red Bluff Substation Projects.

A summary of the Notices to Proceed (NTPs) with construction and Variance Request activity are also provided (see Tables 1 and 2, respectively, near the end of this report). Additionally, a summary of Temporary Extra Workspace (TEWS) and non-compliance activities are provided in Tables 3 and 4, respectively.

CPUC/BLM/Aspen Environmental Monitors (CPUC EM): Jamie Miner and Rosina Gallego were on site October 31 through November 4.

CPUC NTPS

DPV2 CONSTRUCTION AND MATERIAL YARDS

NTP #1 was issued for construction and set-up of construction yards, including the Devers, Desert Center 1 (DC1), Desert Center 2 (DC2), Blythe, Beaumont, Menifee, and Perris Construction Yards.

Summary of Activity:

1. During the subject period, major construction activities were limited to the Summit Construction Yard and included delineating site boundaries, installation of BMPs, vegetation removal, gravel delivery and placement, and site grading (see Figure 1).
2. Activities at the remaining yards consisted of ongoing dust suppression, material deliveries, office trailer maintenance, and general site maintenance.

Environmental Compliance:

1. On November 1, the CPUC EM observed that a large water tank had been placed in the barren lot just adjacent and west of the Summit Construction Yard (see Figure 2). It was noted that this area was not within the defined disturbance limits previously approved for the Summit Yard. The contractor informed the CPUC EM that because they could not use the water source approved under Variance #10 (see Table 2), they would be transporting water via tanker from the approved Desert Center water source location to the water tank brought on site. Water trucks would then utilize water from the water tank for activities at the Summit Construction Yard. According to the contractor, this was approved by SCE, but was not approved by CPUC; therefore, it was decided that the contractor would just move the tanker and associated equipment inside the construction yard limits the following day. During a site visit on the following day, the CPUC EMs observed a temporary J-stand that was set up along the existing paved access road just south of the Summit Construction Yard (see Figure 3). When asked, the Kindness Construction foreman informed the CPUC EMs that they were only temporarily using this area because they had to stabilize the construction yard driveway to a level that could support equipment that would haul in the water tank without sinking. The CPUC EM issued a verbal warning to SCE reminding them that use of temporary extra work space areas require CPUC



notification and approval. All equipment associated with water storage was ultimately moved into the construction yard limits by November 3.

2. On November 3, the CPUC EM observed an open trash container at the Meniffee Construction Yard. The Kenney Site Representative was notified immediately that all trash containers must be closed at all times when not in use (see Figure 4).
3. The CPUC EMs confirmed that BMPs, including dust suppression, secondary containment, and adequate vehicle and equipment parking areas were implemented throughout the subject period at all active construction yards.
4. SCE Biological Monitor reported one loggerhead shrike individual calling from the adjacent property just west of the Summit Construction Yard on October 31.

DPV2 EXCLUSIONARY FENCING AT 41 TOWER LOCATIONS

NTP #2 was issued by CPUC for the installation of Coachella Valley fringe-toed lizard (*Uma inornata*) and flat-tailed horned lizard (*Phrynosoma mcallii*) exclusionary fencing at 41 tower locations between the Devers Substation and Indio.

Summary of Activity:

1. All major construction activities associated with exclusionary fencing under NTP #2 were completed prior to the subject period.

BEAUMONT #2 CONSTRUCTION YARD

NTP #3 was issued for construction activities associated with the development of the Beaumont #2 Construction Yard.

Summary of Activity:

1. No activities associated with NTP #3 were conducted during the subject period.

INDIO CONSTRUCTION YARD

NTP #4 was issued for construction activities associated with the development of the Indio Construction Yard.

Summary of Activity:

1. All major construction activities associated with the Indio Construction Yard under NTP #4 were completed prior to the subject period. Activities occurring during the subject period at this location included only minor site maintenance.

Environmental Compliance:

1. On November 4, the CPUC EM noted that equipment was placed on plastic sheeting and portable toilets and generators had adequate secondary containment.

RED BLUFF SUBSTATION DISTRIBUTION

NTP #5 was issued for upgrades of a segment of the existing SCE 12 kV circuit overhead distribution line to supply light and power to the Red Bluff Substation.

Summary of Activity:

1. No major construction activities associated with the Red Bluff Distribution Line under NTP #5 occurred during the subject period.

Environmental Compliance:

1. All staking of disturbance areas was completed and confirmed by the CPUC EM by November 4.

COLORADO RIVER SUBSTATION (CRS) DISTRIBUTION

NTP #6 was authorized for the construction and occupation of the following components associated with the CRS on non-BLM lands: (1) extension of an existing 33 kV distribution line to supply substation light and power; (2) installation of a telecommunications line; and, (3) access road improvements (including a new access road driveway) to serve the CRS.

Summary of Activity:

1. Throughout the subject period, construction activities included the setting of wooden distribution and anchor poles, and stringing and pulling wire. These activities were performed by two separate crews working from the east and west along the distribution line alignment (see Figures 5 and 6).
2. Two wire pulling sites were established adjacent to access road and dimensions were reduced from 150' x 50' to 70' by 70'.

Environmental Compliance:

1. On October 31, no activities were conducted due to a stand down issued by SCE. The purpose of the stand down was to coordinate more effective monitoring efforts as a result of incidents associated with construction equipment operating outside of defined disturbance limits that had occurred the previous week. Additionally, SCE and the contractor coordinated efforts to conduct an additional daily tailboard (one morning, one midday) throughout the remainder of work activities.
2. On November 1, the SCE Biological Monitor reported a Level 1 Non-Compliance issue as a result of a piece of heavy equipment that removed a few inches of sand on top of a dune with a lowered front scoop bucket. The affected area was along the distribution line within 20 feet of the drive and crush road. Construction crews immediately responded to directions given by the SCE Monitors onsite and no resources were affected.
3. On November 2, the SCE General Monitor reported a Level 0 Non-Compliance associated with a construction truck that was left idling for over five minutes. The SCE Monitor told the driver to turn off the truck and the driver complied.
4. The SCE Biological Monitors reported several observations of Mojave fringe-toed lizard in the project area throughout the reporting period. Each reported individual were chased or relocated from disturbance areas and no injuries or mortalities to this species occurred.
5. SCE General Monitors reported that all heavy equipment was clean upon arrival to the project area throughout the subject period and adequate preventative measures, including dust suppression, secondary containment, and spill containment requirements, were implemented.

BLM NTPS

DPV2 AND COLORADO RIVER SUBSTATION

BLM NTP #1 and a Right-of-Way grant were issued by BLM on September 19, 2011 for construction of the DPV2 Project on BLM lands, which included the Colorado River Substation and associated components.

Summary of Activity:

1. Major drilling activities (24 hour), including initial boring, at the CRS site commenced on the evening of October 31. On November 1, a hole was dug to create an area for the sand that is separated out from the mud that would be extracted from the well. On the same day, a backhoe was used to grade the area just east of the drilling rig to prepare a spot for the mud tailings. Initial well drilling was completed on November 5 and Pacific Surveys and Geoscience arrived to begin geophysical logging and testing. Preparations for zone testing were also initiated shortly after drilling was completed.
2. The guard trailer approved under Variance #BLM-1 (see Table 2) was delivered and installed on October 31.

Environmental Compliance:

1. On October 31, the SCE General Monitor reported that an air compressor and generator that had been delivered to the site had proper CA registration tags. However, the paperwork identifying the serial number for the air compressor was not provided upon delivery. The CPUC EM suggested that the paperwork be faxed from the service provider. The paperwork was provided the following day and the serial numbers were confirmed as a match.
2. On November 1, the SCE General Monitor notified the construction crew and Pat Gravener (ULM site representative) that the straw wattle BMPs would have to be expanded to include the area that was graded for mud tailings. The construction crew complied and BMPs were adjusted accordingly.
3. On November 2, the CPUC EM noticed overflow of water exiting from the bottom corner of the eastern Baker tank. The SCE General Monitor stated that the overflow was minimal and expected and would soon stop. During the same site visit, the CPUC EM observed a water truck run over a hose near the drilling rig resulting in a small puddle of water. Repairs were immediately conducted. Water from each of these incidents was contained by BMPs.
4. During the November 2 site visit, the CPUC EM was questioned by the SCE General Monitor about the expectations for the area where straw wattles had been removed to allow vehicles and equipment to enter and exit. The CPUC EM suggested that the SCE General Monitor coordinate with Brian Clayton (SWPPP Monitor) to determine if there would be any issues. Brian Clayton responded that there should be no issues as long as straw wattles were onsite and could be placed at that location as needed.
5. The CPUC EM conducted a site visit during evening drilling operations on November 3. Upon walking the site, the CPUC EM observed mud cracks and small puddles of water just outside the straw wattles along the northern boundary of the drill site (see Figure 7). Assuming that water had recently settled at that location, the CPUC EM questioned the ULM site representative about the source of the water. The ULM site representative stated that one of the drilling crew operators dumped water excess from the de-sanding area outside of the wattles the previous night. The SCE General Monitor had identified the same issue earlier in the day and had immediately notified up the chain of command. Instructions were given by Brian Clayton (SWPPP Monitor) to stop moving water into this area and to thereafter dump it in an area that would be lined with plastic sheeting for cuttings and release water placement. Additionally, instructions were given by SCE to the drilling crew to clean the area within 24 hours. Subsequently, the area was cleaned the following day and the remaining cuttings were placed upon plastic sheeting.
6. A Level 1 Non-Compliance Incident was reported by the SCE General Monitor on November 4 due to three PAR construction vehicles traveling at speeds in excess of the 15 mph posted speed limit. The vehicles traveled approximately one-half mile along the CRS access road before coming upon the SCE General Monitor. The SCE General Monitor notified Dennis Sylvester (PAR site representative) and he confirmed that he would reiterate maintaining speed limits during the next tailboard meeting.

7. SCE Biological Monitor observed two desert kit fox along primary access road on October 31. SCE Biological Monitors conducted the appropriate sweeps and escorted construction vehicles and equipment throughout the subject period.

RED BLUFF SUBSTATION

BLM NTP #2 and a Right-of-Way grant were issued by BLM on September 19, 2011 for construction of the Red Bluff Substation and the Desert Center Communication Site.

Summary of Activity:

1. Delivery of well drilling equipment began on November 1. On this same day, the contractor began installation of a silt fence barrier around the downgrade portion of the graded well site. Silt fence installation was completed on November 4 (see Figure 8).
2. Construction crews continued grading the area in northwest corner of site in preparation of anticipated drill rig mobilization and activities.

Environmental Compliance:

1. Drill cuttings from the initial pilot hole (containing Poly Bore) were relocated approximately 150 feet east of the western exclusionary fencing limits. Plastic sheeting was installed below and above the cuttings in accordance with SWPPP guidelines.
2. The CPUC EM confirmed that drip pans were in place underneath all stationary equipment and secondary containment was adequate around drill pumps.
3. Silt fencing was inspected by SCE SWPPP Monitor on November 3 as an extra precaution.

A total of five non-compliance incidents [(2) CPUC/BLM; (1) Level-0; (2) Level-1] were identified during the subject period (see Tables 4 and 5).

AGENCY REPRESENTATIVES DURING CONSTRUCTION (OTHER THAN CPUC EMs)

None

CPUC/BLM NOTICES TO PROCEED (NTPS)

Table 1 summarizes the CPUC/BLM Notices to Proceed (NTPs) for the DPV2 and Red Bluff Projects, to date.

TABLE 1
NTPs
(Updated 12/7/11)

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
CPUC NTPs				
NTP #1	04/28/11	06/23/11	Yards	Authorization to proceed with the development of the Devers, Desert Center 1, Desert Center 2, Summit, Blythe, Perris, Beaumont, and Menifee Construction Yards.
NTP #2	08/05/11	09/09/11	T/L	Installation of exclusionary fencing, Devers to Blythe. No cultural resources affected. Bio pending.
NTP #3	08/26/11	09/19/11	Yards	Construction of Beaumont Construction Yard #2.
NTP #4	09/09/11	09/20/11	Yards	Construction of Indio Construction Yard.

NTP #/ Permit	Date Requested	Date Issued	Segment	Description
NTP #5	09/16/11	10/11/11	Red Bluff Distribution Line	Upgrades to a segment of the existing SCE 12 kV circuit overhead distribution line to supply light and power to the Red Bluff Substation, non-BLM lands.
NTP #6	09/16/11	10/17/11	Substation	Authorization to proceed with improvements to the new Colorado River Substation on private lands, including extension of the existing 33 kV distribution line, installation of a new telecommunication line, and access road improvements.
NTP #7	09/09/11	12/01/11	T/L – DPV1	Construction activities associated with a minor relocation of the Devers-Valley No. 1 Line (DV1); waiting for response from SCE on request for additional information.
NTP #8	10/08/11	12/01/11	T/L – CRS to Red Bluff	Construction of the DPV2 transmission line between Red Bluff and Colorado River Substations and replacement of existing DPV1 overhead ground wire; non-BLM lands.
NTP #9	10/08/11	12/02/11	T/L – Devers to Red Bluff	Construction of the DPV2 transmission line between the existing Devers Substation and the new Red Bluff Substation; non-BLM lands.
NTP #10	10/08/11	12/02/11	T/L – Devers to Valley	Construction of the DPV2 transmission line between existing Devers and Valley Substations; not including San Bernardino National Forest lands.
NTP #11	11/08/11	12/10/11	Yards	Construction of Devers 2 and Indio 2 Construction Yards.
BLM NTPs				
BLM NTP #1	08/26/11	09/19/11	DPV2 Substation, T/L	Authorization to proceed with construction of the DPV2 Transmission Line, Colorado River Substation, and associated project components on BLM lands.
BLM NTP #2	08/26/11	09/19/11	Substation,	Construction of Red Bluff Substation and associated project components, BLM lands.

VARIANCE & TEMPORARY EXTRA WORKSPACE REQUESTS

Variance Requests and Temporary Extra Workspace (TEWS) Requests submitted to date are summarized in Tables 2 and 3, respectively.

TABLE 2
VARIANCE REQUESTS
(Updated 12/7/11)

Variance Request	Date Requested	Date Issued	Segment #	Description
VR #1	05/06/11	05/24/11	Devers- Valley	Construction of traditional lattice towers instead of “Tetra” towers at two locations (Structures #1139 and #1140)
VR #2	04/21/11	05/26/11	All	Revisions to Mitigation Measure B-7d pertaining to seasonal restrictions for Coachella Valley fringe-toed lizard and flat-tailed horned lizard to support consistency with conditions provided in the Biological Opinion.
VR #3	07/12/11	07/18/11	DC 1 & DC 2 Yards	Utilize offsite well location and installation of 12,000-gallon water tank for filling trucks.
VR #4	07/06/11	07/21/11	Menifee Yard	Expansion of Menifee Construction Yard, which would include approximately 5 acres of additional disturbance within the western portion of the parcel, for material storage and other activities.

Variance Request	Date Requested	Date Issued	Segment #	Description
VR #5	04/22/11	07/28/11	CRS Devers and Valley Substations, Series Capacitor Site	Modification of APM A-7 regarding carpooling for construction at substations.
VR #6	07/07/11	08/01/11	Menifee, Beaumont, Perris Yards	Request to remove Mitigation Measures B-13a and B-13b, and to modify B-1a, B-1a (revised), and B-7e pertaining to Western Riverside County MSHCP compliance.
VR #7	08/11/11	08/22/11	Perris, Beaumont, Menifee, Blythe Yards	Request to utilize offsite water hydrants at Perris, Beaumont, Menifee, and Blythe Construction Yards.
VR #8	08/26/11	08/27/11	Beaumont Yard	Request to install seeded jute netting along the property frontage at Beaumont Construction Yard.
VR #9	08/24/11	09/01/11	DC 2 Yard	Request for installation of temporary power poles outside of Desert Center 2 Construction Yard.
VR #10	08/26/11	09/01/11	Devers & Summit Yards	Utilize offsite water locations needed for dust suppression at Devers and Summit Construction Yards.
—	09/21/11	Retracted	Perris Yard	Request for additional workspace involving vegetation clearing, installation of BMPs, and temporary driveway installation at Perris Construction Yard.
VR #11	09/26/11	09/28/11	T/L	Two water sources for exclusionary fencing work.
VR #12	10/13/11	10/18/11	T/L	Request for parking/temporary staging of vehicles along existing access road within the Coachella Valley Preserve during exclusionary fencing activities.
VR #13	10/26/11	11/10/11	Devers Yard	Request for temporary power supply to provide power to construction trailer at the Devers Construction Yard.
VR #14	11/10/11	11/28/11	Substation	Request for increased well pumping to support civil work, including access road improvements, at Colorado River Substation.
BLM				
BLM #1	10/18/11	10/27/11	Substation	Request to install a temporary guard structure along the entrance of the existing transmission line access road for Colorado River Substation.
BLM #2	10/19/11	10/27/11	Substation	Request to approve 24-hour drilling operations at the CRS site.
BLM #3	10/27/11	12/07/11	Series Capacitor	Request for a slight expansion of the Series Capacitor site due to engineering conflicts.
	10/25/11	Under Review	Substation	Request to formalize changes to the Red Bluff MMCRP Mitigation Measure BIO-4 and Applicant Measure BIO-5.
	10/26/11	Under Review	Substation	Request to formalize clarifications to Mitigation Measure BIO-4 regarding plant salvage performance standards.

TABLE 3
TEMPORARY EXTRA WORKSPACE (TEWS) REQUESTS
 (Updated 12/7/11)

TEWS Request	Date Requested	Date Approved	Segment #	Description
#1	07/20/11	07/27/11	Blythe Yard	Use of offsite hydrant and installation of water tank at location adjacent to Blythe Construction Yard
#2	07/28/11	08/04/11	Menifee Yard	Use of offsite hydrant, located along the frontage of the Menifee Construction Yard, and a flexible hose to supply water to a 4,000 gallon water truck.
#3	08/16/11	08/16/11	Menifee Yard	Revised use of offsite hydrant, located along the frontage of the Menifee Construction Yard, approximately 200 yards north of previously approved location.
—	09/06/11	Retracted	Devers Yard	Revised use of offsite hydrant, including installation of above ground pipeline and water towers.
#4	09/29/11	09/29/11	T/L	Use of parking areas along primary access road within 400-ft total distance exclusionary fencing locations with exception of sites within the Coachella Valley Preserve.

NON-COMPLIANCES & INCIDENTS

A summary of CPUC Non-Compliance Reports and Project Memorandum is provided in Table 4.

TABLE 4
CPUC NON-COMPLIANCE REPORTS & PROJECT MEMORANDA
 (Updated 12/7/11)

Type	Date Issued	Location	Description
CPUC Project Memoranda (PM)			
PM #1	10/28/11	CRS Dist. Line	Construction vehicles leaving marked disturbance limits at two locations along Red Bluff distribution line.

PROJECT PHOTOGRAPHS



Figure 1: Installation of BMPs and grading at the Summit Construction Yard.



Figure 2: Water tank located in barren lot adjacent to western boundary of the Summit Construction Yard. This area was outside of the approved disturbance limits and the tank was relocated the following day.



Figure 3: J-stand water tower installed along access road south of Summit Construction Yard. A verbal warning was issued by the CPUC EM because this was not an approved water source location.



Figure 4: Open trash container at the Meniffee Construction Yard. The Kenney site representative was made aware by the CPUC EM and immediately closed the container.



Figure 5: Installation of wooden poles along the CRS distribution line.



Figure 6: Wire stringing activities occurring along the CRS distribution line.



Figure 7: Area just outside of drill site at CRS where mud cracks and small puddles were observed by CPUC EM. Drilling crew had dumped water from de-sander pit here and was instructed to clean within 24 hours.



Figure 8: Silt fence installation around Red Bluff drill site.