



Aspen *Environmental Group*

PROJECT MEMORANDUM SDG&E – MIGUEL-MISSION 230 kV #2 PROJECT

To: Jensen Uchida, CPUC
From: Vida Strong, Aspen Project Manager
Date: October 5, 2005
Subject: Weekly Report #57: September 25 – September 31, 2005.
CPUC Environmental Monitor (EM): Christopher Meyer

FANITA JUNCTION TO MIGUEL 138/69 kV ACTIVITIES, NTP #1 AND #2

Summary of Activity:

The 138 kV work on the segment has been completed and the PAR crews have demobilized from the project. Clean-up and final restoration, including Storm Water Pollution Prevention (SWPPP) issues, will continue in the areas covered by Notices to Proceed (NTP) #1 and #2.

Environmental Compliance:

1. Several sites that were restored earlier in the project have revegetated. SDG&E determined that revegetation of remaining sites would have to wait until the next growing season for the plants to get established prior to summer. Plans are underway to plant prior to the onset of the rainy season this fall.

MISSION TO MIGUEL SUBSTATION 230 kV ACTIVITIES, NTPS #3 AND #4

Summary of Activity:

The CPUC EM conducted a site visit on September 26th and 27th to review the construction and SWPPP issues related to installation of the permanent 230 kV system.

PERMANENT 230 kV INSTALLATION

NTP #3 was issued to address 230 kV work on Marine Corps Air Station Miramar prior to the NTP for all 230 kV work to address the expiration of a permit with the Navy. NTP #4 addressed the permanent upgrading of the 230 kV transmission system between the Miguel and Mission Substations. Construction of the permanent 230 kV system was delayed due to ISO restrictions on line outages and restarted on July 18th. Work observed during the site visit, included the following:

1. The Tri-State Drilling crew worked with the PG&E EI to arrange the concrete pumping truck's outriggers on the access road under Steel Pole site 58 (see Figure 1). Following the blasting at the excavation, the top of the hole was wider than necessary and drilling machine was required to hold the rebar cage and anchor bolts during the pour. There was not enough room for both the drilling machine and a concrete truck on the pad, leading to the use of the pumping truck. A crew member used a torch to cut out the supports on the rebar cage once the cage was suspended vertically in the excavation (see Figure 2). A concrete washout pit was set up at the base of the access road and all concrete was removed once dry. The road to the steel pole foundation was watered to control fugitive dust. A representative from Testing Engineers was on-site to monitor the pours.

2. Tri-State started drilling at Steel Pole 32 to remove the material fractured by the blasting (see Figure 3). The blast did not completely fracture the rock within the excavation and Tri-State was not able to drill to depth. The crew halted drilling due to the hard rock in the hole and will bring the blasting contractor back to the site to re-shoot the excavation.
3. The Wilson tower modification crew worked above Sweetwater, at Tower 62, during the site visit (see Figure 4). Wilson and SDG&E coordinated with the owner of the microwave reflectors during the modification of the tower. The crew worked within the previously established work areas and on the access roads. No additional impacts were noted during the site visit. A water truck was on-site at this location to address fugitive dust during the site visit. Activity was occurring on the Sweetwater access roads that were not related to the project or SDG&E. This other crew stockpiled rock at the base of the access road and used a backhoe and front-end loader to move this rock to low areas in the access roads within Sweetwater.
4. Guard structures have been placed at Hillsdale in preparation for future stringing activities.

TEMPORARY 230 kV INSTALLATION

NTP #4 also addressed the installation of the 15-mile temporary 230 kV line from Miguel to Los Coches Substations. The temporary 230 kV system has been completed and the temporary line was energized on June 1st.

Environmental Compliance:

1. SDG&E has been maintaining the BMPs on the tower pads and dirt tracked onto public streets is cleaned up at the end of each day. Fugitive dust was observed in the soil hauling activities associated with the drilling operation at Steel Pole 32 (see Figure 5). The drilling subcontractor has been having trouble with the reliability of their water truck. Wilson will work with Tri-State Drilling to cover areas in case their water truck is not working.
2. Several oil spills were noted on the access road and pad below Wind River Road. Some of the spills may be older; however, there was a significant amount of oil at several of the locations. SDG&E sent a crew to clean up the contaminated soil. The material was testing by SDG&E and determined to be motor oil. It is unlikely that the motor oil is project related and the area has been known as a historic dump for local residents. SDG&E decided to remove the contaminated soil regardless of the source.
3. Regrading of the access road by the right-of-way maintenance division of SDG&E has left loose material on the slope above native populations and on several access roads. The loose material on the pad will need to be addressed in the event of unanticipated rainfall and the loose material on the access roads will be subject to transport during project activities during the upcoming rainy season.

NOTICES TO PROCEED (NTP):

NTPs #1 and #2 have been issued by CPUC for access road upgrade/construction and 138/69 kV tower installation along the Fanita Junction to Los Coches and Los Coches to Miguel segments. NTP #3 to address the 230 kV construction work on Miramar Naval Air Station was issued by CPUC November 16th. NTP #4 for upgrading of the 230 kV transmission system between the Miguel and Mission Substations, and installation of the 15-mile temporary 230 kV line from Miguel to Los Coches Substations was issued by CPUC on December 20th. On September 2, CPUC issued NTP #4 – Revised reflecting the inclusion of the Otay Mesa Power Purchase (OPMMA) Project and use of certain variance requests during construction where the OMPMA Project parallels the Miguel-Mission Project from the Miguel Substation to Fanita Junction.

VARIANCE REQUESTS:

On October 4th, SDG&E submitted Variance Request #22 for four stringing sites. This request is under review.

TABLE 1
VARIANCE REQUEST STATUS
(Updated 10/5/05)

Variance Request #	Date Submitted	Description	Status	CPUC Approval Date
1	07/07/04	Use of five storage and staging areas on the Los Coches to Fanita Junction Section for the duration of the project.	Completed	07/23/04
2	08/10/04	Clearing of coastal sage scrub habitat before September 1 st on the Miguel to Fanita Junction section during the 2003/2004 nesting season.	Completed	08/13/04
3	09/01/04	Grading and clearing in quino checkerspot butterfly habitat after October 15 th .	Completed	09/14/04
4	09/06/04	Allow work on Saturdays near recreational facilities.	Completed	09/14/04
5	09/27/04	Use of six storage and staging areas on the Los Coches to Fanita Junction Section for the duration of the project.	Completed	10/06/04
6	10/20/04	Work on Sunday, October 31 st at Tower Site 925 to comply with a Cal ISO outage schedule.	Completed	10/26/04
7	01/13/05	Reconfiguration of approved stringing/snubbing sites at Pole Sites 10 and 961.	Completed	01/17/05
8	02/03/05	Work after 7pm, February 8 th at Pole 1210 to complete the concrete pour at the wet-hole.	Completed	02/04/05
9	02/16/05	Perform construction activities on Sunday, February 20 th at Pole Site 493.	Completed	02/17/05
10	03/10/05	Clearing of coastal sage scrub habitat after March 1 st on the project during the 2004/2005 nesting season.	Completed	3/22/05
11	03/14/05	Work after 7pm at Pole 411 to complete the concrete pour at the wet-hole.	Completed	03/16/05
12	03/14/05	Work on Sunday, March 20 th to string cable at eight towers to comply with a Cal ISO outage schedule. Modification added for line work north of Los Coches Substation.	Completed	03/17/05
13	03/28/05	Work on Cesar Chavez holiday, Thursday March 31 st .	Not Required	N/A
14	03/29/05	Work on Sunday, April 3 rd and Sunday, April 10 th to string cable to comply with Caltrans/Highway Patrol lane closure requirements.	Completed	3/30/05
15	04/15/05	Programmatic variance to work on outside the approved construction schedule with prior approval from the CPUC EM.	Completed	4/19/05
16	5/05/05	Work on Sunday, May 8 th to catch up on transmission line work..	Completed	5/05/05
17	5/09/05	Parking of a crane truck in the vegetation approximately 500 feet southwest of Pole Site 10.	Completed	5/10/05
18	05/11/05	Work on Sunday, May 15 th to catch up on transmission line work..	Completed	5/12/05
19	05/20/05 MOD- 5/27/05	Waiver from the 30-day noticing period prior to energizing the temporary 230 kV line as required by Mitigation Measure PS-2a.	Request Rescinded 6/8/05	N/A
20	05/26/05	Work on Sunday, May 29 th to stay on schedule for energizing the line.	Completed	5/31/05
21	09/08/05	Work on Sunday, September 18 th to stay on schedule for energizing the line.	Completed	09/15/05
22	10/04/05	Four stringing sites for permanent 230 kV construction.	Under review.	

UPCOMING ITEMS: None

AGENCY PERSONNEL CONTACTS: None

TEMPORARY EXTRA WORK SPACE REQUESTS:

Table 2 presents the Temporary Extra Work Space (TEWS) Requests processed to date.

TABLE 2
TEWS TRACKING
(Updated 10/05/05)

Number	Segment	Date Received	Description	Status	Approval Date ¹
*	Los Coches to Miguel	07/06/04	14000 Block of Willow Road, San Diego County	Approved from 7/08 to 9/08	See Variance Request #1
*	Los Coches to Miguel	07/06/04	Vista de Montemar ½ mile north of La Cresta Road, San Diego County	Approved from 7/08 to 9/08	See Variance Request #1
*	Los Coches to Miguel	07/06/04	Vista de Montemar ½ mile north of La Cresta Road, San Diego County	Approved from 7/08 to 9/08	See Variance Request #1
1	Los Coches to Miguel	07/24/04	Vista de Montemar ½ mile north of La Cresta Road, San Diego County	Approved from 7/26 to 9/26	See Variance Request #2
2	Los Coches to Miguel	08/14/04	1600 Block Sweeney Court, San Diego County	Approved from 08/16 to 10/16	See Variance Request #2
3	Los Coches to Miguel	08/14/04	2300 Willow Glen Drive, San Diego County	Approved from 08/16 to 10/16	See Variance Request #2
4	Los Coches to Miguel	08/14/04	South of terminus of Camino Monte Sombra, San Diego County	Approved from 08/16 to 10/16	See Variance Request #2
5	Los Coches to Miguel	08/14/04	Southeast of 2600 block Pence Drive, San Diego County	Approved from 08/16 to 10/16	See Variance Request #2
6	Los Coches to Miguel	08/26/04	North side of Singing Vista Way, San Diego County	Approved from 08/27 to 10/27	See Variance Request #2
7	Los Coches to Miguel	02/11/05	Southwest of Pence Road, San Diego County	Approved from 02/16 to 04/16	02/16/05
8	Los Coches to Miguel	03/11/05	Helicopter fly pad for 138 kV installation, Padre Water District	Approved from 03/16 to 05/16; Extended from 07/18 to 09/18	07/18/05
9	Mission to Fanita	03/18/05	Helicopter fly pad for 138 kV installation, Padre Water District	Approved from 03/21 to 05/21	03/21/05
10	Los Coches to Miguel	03/29/05	PAR staging and show-up yard on Jamacha Road.	Approved from 03/29 to 05/29	03/29/05
11	Los Coches to Miguel	04/29/05	Placement of two cranes to create a guard structure south of Hwy. 94.	Approved from 04/29 to 06/29	04/29/05

¹For TEWS requests, Approval Date reflects EM approval date. TEWS approvals valid for 60 days only.

*TEWS submitted as a contingency while Variance Request #1 was under review.

Photographs



Figure 1 – The Tri-State drilling crew placed concrete in the excavation for Pole 58.



Figure 2 – The cross supports were removed from the rebar cage once it was lifted into place.



Figure 3 – The Tri-State drilling crew stopped drilling at Site 32 and will bring the blasting contractor back to address additional rock.



Figure 4 – The Wilson tower modification crew worked at Tower 62 during the site visit.



Figure 5 – Fugitive dust was observed during the hauling of excess spoils from Pole Site 32.