



Aspen *Environmental Group*

PROJECT MEMORANDUM

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

To: Jensen Uchida, CPUC
From: Vida Strong, Aspen Project Manager
Date: August 29, 2005
Subject: Weekly Report #52: August 14 – August 20, 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 has determined that revegetation of remaining sites will 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 site visits on August 16th and 17th 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 visits, included the following:

1. Wilson Construction has completed the dismantling of towers that will be replaced by steel poles and the crews continue working to modify the existing lattice towers to work with the new conductors (see Figure 1). The crew worked above the residence on Pence Road and took care to minimize the impact to the property owner's yard while mobilizing equipment and personnel. The loose material on the pad has been addressed with fiber rolls in the event of unanticipated rainfall. The top of the original lattice tower had been lowered to the ground and the crew was working to attach the new arms and insulators prior to reattaching the top of the tower.
2. Edick and Watt continued working to test new pole locations for rock in order to prepare a blasting plan. The crew used a core-drilling machine to test several places within the planned excavation for rock. If rock was discovered, the operator continued drilling multiple holes in preparation for eventual blasting. The crew worked north of the fire station near Interstate 8 during the site visit (see Figure 2). The fugitive dust issue noted during the previous site visit has been addressed.

3. The Tri-State Drilling crew completed the deep excavation for the foundation for Tower 26 and used the drilling machine to assist in setting the rebar cage and anchor bolts during the concrete pour (see Figure 3). The foundation for Tower 26 was poured during the site visit and drivers were observed washing out the concrete trucks in a contained area (see Figure 4). Part of the Tri-State Drilling crew moved to Tower Site 24 to start preparing the pad and access to the pad for drilling (see Figure 5). The area was well watered and the Essex EI was on-site while the crew set up at the new location.

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. The Essex EI was on-site with the crews and worked ahead with the foreman to identify sensitive areas. A water truck was used to keep dust down on the access roads during the site visit, as well as for safety in case of fire.
2. Food trash (grape fruit peels) was noted at the concrete wash-out area and the Essex EI was notified. The Essex EI and Testing Engineers inspector will remind the crews to clean up any trash. This has not been a problem during the project and the crews generally leave areas cleaner than they were prior to construction.
3. The Wilson crew discovered a rattlesnake in the bracing of an equipment box and notified the Essex EI.
4. The Essex EI was on-site to be sure that crews remained within approved work areas and perform or arrange for any necessary surveys. No nesting California gnatcatchers were observed during the surveys.

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.

The CPUC Project Manager, Jensen Uchida, met with representatives of the SDG&E Miguel-Mission and Otay Mesa Projects to discuss the construction of the Otay Mesa Project that will occur on the Miguel-Mission right-of-way. SDG&E has requested that certain variance requests from the Miguel-Mission Project be used for construction of the Otay Mesa Project on the same right-of-way. In addition, SDG&E will request that NTP #4 be expanded to include the Otay Mesa work. The CPUC will address both of these issues once the request for the NTP modification is received.

VARIANCE REQUESTS:

On August 11th, SDG&E submitted a request in accordance with approved Variance Request #15 to work on Sunday, August 14th, to take advantage of a requested ISO outage.

TABLE 1
VARIANCE REQUEST STATUS
(Updated 08/17/05)

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

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 08/17/05)

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 – Edick and Watt worked east of Hillsdale Street to test for rock with a small-diameter drill head.



Figure 2 – Edick and Watt worked north of I-8 to test for rock with a small-diameter drill head.



Figure 3 – The Tri-State Drilling worked to support the rebar cage during the concrete pour.



Figure 4 – The concrete truck drivers washed out in the approved area that will be cleaned out after the pour.



Figure 5 – The Tri-State Drilling crew worked to prepare the pad and access to Tower Site 24 for drilling.