



# **Aspen** *Environmental Group*

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

**To:** Jensen Uchida, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** May 11, 2006  
**Subject:** Weekly Report #85: April 30- May 6, 2006  
**CPUC Environmental Monitor (EM):** Jenny Slaughter

### **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. Clean-up and final restoration, including Storm Water Pollution Prevention (SWPPP) and Best Management Practices (BMPs) 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. Some sites have been hand-seeded by the SDG&E/Essex Environmental Inspector (EI). SDG&E has secured the contractor HydroPlant to complete the hydroseeding and hand reseeding work on areas that were ready for restoration. Most of the sites where construction activities have been completed have been reseeded. Reseeding site preparation includes the removal of any excess material or spoils, and the decompaction of the sites. SDG&E determined that revegetation of remaining sites would have to wait until work in those areas has been completed.

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

#### **Summary of Activity:**

The CPUC EM conducted a site visit on May 4<sup>th</sup> and 5<sup>th</sup> to review the construction and SWPPP issues related to installation of the permanent 230 kV system and the activities related to the Otay Mesa Power Purchase Agreement Project (OMPPA) that are covered under NTP #4 of the Miguel-Mission 230 kV #2 Project.

#### **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 1, 2005.

#### **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 18<sup>th</sup>. Work conducted during the subject week included the following:

1. Wilson Construction crews completed the installation of all overhead wire and continued restoration work on snub sites and tower pads (see Figure 1). Crews also worked on cleaning up the construction yards used for the project.
2. Sturgeon Construction continued work on the “put-back” of the temporary 230kV line near Lake Jennings (see Figure 2). This work involves the removal of the temporary 230 kV wire from the wood poles and reconfiguring the poles to accommodate a smaller kV double circuit. This work is expected to take three weeks.

**Environmental Compliance:**

1. Environmental Inspectors were present during all construction activities at the construction sites to ensure that crews worked within the approved construction limits and that sensitive resources were avoided.
2. Surveys were conducted for coastal California gnatcatcher and cactus wren within the right-of-way in advance of construction crews.
3. Some restoration and reseeding activities took place before March 1<sup>st</sup> in areas where construction and inspection is completed. Areas that were not reseeded before March 1<sup>st</sup> will be reseeded this fall with the start of the rainy season.
4. Crews continue to make BMP repairs as identified by Testing Engineers.

**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 16<sup>th</sup>. 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 20<sup>th</sup>. On September 2<sup>nd</sup>, CPUC issued NTP #4 – Revised reflecting the inclusion of the Otay Mesa Power Purchase Agreement (OMPPA) Project and use of certain variance requests during construction where the OMPPA Project parallels the Miguel-Mission Project from the Miguel Substation to Fanita Junction.

**VARIANCE REQUESTS:**

On May 2, 2006, SDG&E requested approval under Programmatic Variance #15 to work from 6:00 a.m. to 8:00 p.m. on May 6<sup>th</sup> and May 7<sup>th</sup> complete work under an ISO outage. This request was approved on May 3<sup>rd</sup>.

**TABLE 1**  
**VARIANCE REQUEST STATUS**  
(Updated 05/11/06)

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 <sup>st</sup> on the Miguel to Fanita Junction section during the 2003/2004 nesting season.	Completed	08/13/04

Variance Request #	Date Submitted	Description	Status	CPUC Approval Date
3	09/01/04	Grading and clearing in quino checkerspot butterfly habitat after October 15 <sup>th</sup> .	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 <sup>st</sup> 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 <sup>th</sup> 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 <sup>th</sup> at Pole Site 493.	Completed	02/17/05
10	03/10/05	Clearing of coastal sage scrub habitat after March 1 <sup>st</sup> 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 <sup>th</sup> 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 <sup>st</sup> .	Not Required	N/A
14	03/29/05	Work on Sunday, April 3 <sup>rd</sup> and Sunday, April 10 <sup>h</sup> 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 <sup>th</sup> to catch up on transmission line work.	Completed	5/05/05
17	5/09/05 Amend. 02/27/06	Parking of a crane truck in the vegetation approximately 500 feet southwest of Site 10.	Completed	5/10/05 and 03/08/06
18	05/11/05	Work on Sunday, May 15 <sup>th</sup> to catch up on transmission line work.	Completed	5/12/05
19	05/20/05 Amend.- 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 <sup>th</sup> to stay on schedule for energizing the line.	Completed	5/31/05
21	09/08/05	Work on Sunday, September 18 <sup>th</sup> to stay on schedule for energizing the line.	Completed	09/15/05
22	10/04/05 Amend.- 01/26/06	Four stringing sites for permanent 230 kV construction. Fourth site expanded under amendment.	Completed	10/05/05 and 01/31/06
23	01/10/06	Work on the Martin Luther King Holiday, Monday, January 16 <sup>th</sup> .	Completed	01/11/06
24	01/18/06	Setting of guard poles structures at Hwy 94 and above Steele Canyon High School.	Completed	01/23/06
25	02/02/06	PAR stringing/snubbing site in Santee for the OMPPA portion.	Completed	02/09/06
26	02/03/06	Wilson crews to work on President's Day, February 20 <sup>th</sup> .	Completed	02/09/06
27	03/16/06	Work on Friday, March 31st, the Caesar Chavez holiday.	Completed	03/30/06

**UPCOMING ITEMS:** Once all wire installation is complete, crews will work on the restoration of the tower pads and stringing sites. Crews expect to complete final restoration of stringing sites and tower pads during the month of May.

**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 05/11/06)

Number	Segment	Date Received	Description	Status	Approval Date <sup>1</sup>
*	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
12	Los Coches to Mission	12/08/05	Expansion of stringing site above Los Coches Substation.	Approved from 12/07 to 2/07	12/07/05
13	Los Coches to Mission	12/08/05	Expansion of tower pad above Los Coches Substation.	Approved from 12/08 to 2/07	12/08/05
14	Los Coches to Miguel	02/23/06	Staging of a Pulling Truck on Miguel Substation property.	Approved from 03/07 to 05/07	03/07/06
15	Fanita to Los Coches	03/21/06	Staging of a Pulling Truck near Highway 67	Approved from 03/25 to 05/25	03/25/06

<sup>1</sup>For 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** – A tower pad site used by Wilson crews near Highway 8 has been recompacted and erosion control measures have been installed.



**Figure 2** – Sturgeon crews working on the temporary 230 kV lines near Lake Jennings. The “put back” involves reconfiguring the wood poles to accommodate a double circuit of smaller kV lines.