



# **Aspen** *Environmental Group*

## **PROJECT MEMORANDUM**

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

**To:** Jensen Uchida, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** January 19, 2006  
**Subject:** Weekly Report #69: January 8 – January 14, 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 and the PAR crews have demobilized from the project. 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 January 10<sup>th</sup> and 11<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 observed during the site visit, included the following:

1. Wilson crews worked on completing the segment between Sites 26 and 35 during the subject week. This work included installing insulators, clipping, splicing, and sagging the conductor (see Figure 1). Wilson crews also hung travelers in the next segment to be strung, from Towers 35 to 43.
2. PAR Construction has completed conductor replacement activities across the San Diego River and has been dispatched to the OMPPA section of the project north of the Fanita Junction.
3. Reseeding of the stringing site between Sites 20 and 21 was completed during the subject week. Crews seeded the area by hand and raked it into the soil. The area was fenced off after the seeding was completed to avoid any impacts to the area (see Figure 2).

**Environmental Compliance:**

1. SDG&E has been maintaining BMPs on the tower pads and dirt tracked onto public streets is cleaned up at the end of each day.
2. South Coast Erosion, a Wilson subcontractor, was brought onto the project to place, maintain, and improve BMPs on the project to prepare for the up coming rains and to maintain BMPs now that the rainy season has started. The Testing Engineers inspector has prepared a punch-list with BMP issues that still need to be addressed. Many of the access roads maintained by SDG&E crews not related to the project were graded dry and have been subsequently compacted to minimize erosion during use by the project.

**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 January 10<sup>th</sup>, SDG&E submitted Variance Requests 23 to allow work on the Martin Luther King holiday. This variance was approved by CPUC on January 11<sup>th</sup>. SDG&E submitted Variance Request 24 on January 18<sup>th</sup> requesting approval to place two guard structures in the area around Steele Canyon High School. Table 1 presents the Variance Requests reviewed to date.

**TABLE 1**  
**VARIANCE REQUEST STATUS**  
(Updated 01/19/06)

| 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           |
| 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           |

| Variance Request # | Date Submitted              | Description   | Status                   | CPUC Approval Date |
|--------------------|-----------------------------|---|--------------------------|--------------------|
| 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>th</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                     | Parking of a crane truck in the vegetation approximately 500 feet southwest of Site 10.   | Completed                | 5/10/05            |
| 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<br>MOD-<br>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                    | Four stringing sites for permanent 230 kV construction.   | Completed                | 10/05/05           |
| 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.  | Under Review             | Pending            |

**UPCOMING ITEMS:** On January 10, the CPUC EM was notified by SDG&E that PAR Construction will be moving over to the Fanita Junction area (and then heading north towards Sycamore Canyon substation) and working on the sections of the project that are under the OMPPA EIR . They returned to the expanded pad sites above Los Coches Substation during the subject week to fix the sites, but they will not be working on any other MM#2 EIR covered work for awhile. SDG&E will notify the CPUC EM when PAR returns to the MM#2 EIR work from Los Coches to Fanita Junction. Wilson will continue to work in the Los Coches to Miguel Substation section.

**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 01/19/06)

| 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                   |

<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** – Wilson worked on installing insulators above the Miguel Substation.



**Figure 2** – Wilson crews performed grading for a stringing site at Miguel and installed BMPs.