



Aspen *Environmental Group*

PROJECT MEMORANDUM

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

To: Jensen Uchida, CPUC

From: Vida Strong, Aspen Project Manager

Date: April 7, 2006

Subject: Weekly Report #80: March 26 to April 1, 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 Hydro-Plant 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 March 29th and 30th 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 18th. Work conducted during the subject week included the following:

1. Wilson Construction crews continued to work near Lake Jennings on the Los Coches to Miguel section of the permanent 230kV line installing wire between Tower 9 and Pole C. Crews also plan on pulling wire over Interstate 8 between Tower 9 and Tower 11 over the weekend to comply with Caltrans permit requirements. Wilson crews were unable to work in many areas because of wet and muddy conditions of the right-of-way during the week.
2. Par Construction crews worked between Fanita Junction and Los Coches clipping in and dead-ending conductor as part of the OMPPA Project (see Figure 1).
3. After the recent rain events, project BMPs were checked for success in several locations. The BMPs appeared to be effective in the prevention of major erosion.
4. Wilson Construction crews are currently working off a punch list of items identified by SDG&E. Included in the list are minor repairs, restoration, and final inspection requirements.

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. A red tailed hawk's nest in an adjacent tower was monitored for signs of disturbance during dead-ending wire for the OMPPA Project.
2. Surveys were conducted for coastal California gnatcatcher and cactus wren within the right-of-way in advance of construction crews. According to project biologists, several pairs were found throughout the area; however, no nesting activity was observed.
3. Some restoration and reseeded activities have taken place before March 1st in areas where construction and inspection is completed.
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 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 2nd, 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 April 6th, SDG&E submitted a request for approval under Variance #15 to work on Sunday, April 9th under a Caltrans permit for crossing Interstate 8 and above the Los Coches Substation under an ISO outage. Also requested was work the night of Tuesday, April 11th through the morning of Wednesday, April 12th, to work on the 230 kV line near the Miguel Substation and at Structure C, near Lake Jennings. This request was approved under Programmatic Variance #15 on April 6th. Table 1 presents the Variance Requests reviewed to date.

TABLE 1
VARIANCE REQUEST STATUS
(Updated 04/07/06)

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 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 ^h 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 Amendment 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 th 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 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 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 th .	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 th .	Completed	02/09/06
27	03/16/06	Work on Friday, March 31 st , the Caesar Chavez holiday.	Completed	03/30/06

UPCOMING ITEMS: In accordance with approved Variance Request #15, weekend work will take place on Sunday, April 9th, across Interstate 8 under a Caltrans permit and above the Los Coches Substation across Lake Jennings Road under an ISO outage. Also approved under Variance Request #15 is work under the ISO outage the night of Tuesday, April 11th, the morning of Wednesday, April 12th, to work on the 230 kV line near the Miguel Substation and at Structure C, near Lake Jennings.

Wilson Construction crews have scheduled the last section of wire to be flown in on Saturday, April 8th. After this is completed, restoration of tower pads and snub areas will take place.

Par Construction crews have the last section of wire to be flown in on Tuesday, April 12th.

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 04/07/06)

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
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	3/21/06	Staging of a Pulling Truck near Highway 67	Approved from 03/25 to 05/25	03/25/06

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 – Par crews dead-ending wire near Santee Lakes.