

Additions and Modifications to Energized 69KV Substation At the Kennedy Space Flight Center, Florida

Note: The project being discussed below by Government representatives, is an energized electrical substation, located at the Kennedy Space Center in Florida. The project involved a LOT of close coordination, outages. The existing station was filled with unforeseen conditions, which led Dave Raymond (Superintendent for J.L. Malone & Associates, Inc), the on site inspector and the construction specialist (Hired by Malone) to do a lot of field engineering, needed to complete the project without having to take extra outages. The comments below were e-mails back and forth from the Government personnel to each other, commenting on how well they felt the project went. At the close of the project, Malone was given a monetary award for safety throughout the course of the project (Appeox. 1-1/2 years without an accident).

Mike, Mike & Burt,

Here's another great success story. This project took extraordinary planning, assessment and coordination to execute major outages for all three transformers without compromising required redundancy (to CD&SC) during critical Shuttle operations.

Thanks for the outstanding work by Sudhi Mehta, SGS inspector Don Hainsey, SGS Power, Engineering and Reliability folks, and the rest of the project team!

We'll submit this for Center Director's weekly status next week unless you can make a last minute entry to today's input.

Dan

From: Minderman, Donald J. (KSC)
Sent: Friday, March 21, 2008 8:46 AM
To: Morales, Miguel A. (KSC); Tweed, Daniel L. (KSC)
Cc: Boyles, Richard L. (KSC); Milbert, Michael (KSC); Mehta, Sudhir S. (KSC)
Subject: FW: Project at Orsino SS Completed

FYI

From: Mehta, Sudhir S. (KSC)
Sent: Friday, March 21, 2008 8:33 AM
To: Minderman, Donald J. (KSC); Boyles, Richard L. (KSC); Milbert, Michael (KSC); Diaz, Gustavo B. (KSC); Sweep, Kimberley A. (KSC); Miller, James D. (KSC); Kiel, Larry W. (KSC)

Subject: Project at Orsino SS Completed

The CofF Project, Repairs to Primary Electrical Systems Phase II at Orsino Substation is completed yesterday (3/20/2008) evening. Through the coordinated efforts of SGS Construction Services, SGS Power Systems, FP&L, NASA, Todd Renak of the Selah Group and J.L. Malone & Associates, the new Differential Zones A, B & C were

successfully activated at the Orsino substation with no anomalies reported. The **NASA Orsino Substation** is currently in its **normal configuration** which signifies the conclusion of all Base Contract work for “Repairs to Primary Electrical Power System Phase II @ Orsino”.

Sudhir S. Mehta

Lead Facilities Engineer
NASA, TA-D2
Ph 321-867-2712
Cell 321-289-2338
Fax 321-867-5694

-----Original Message-----

From: Milbert, Michael (KSC) [mailto:michael.milbert-1@nasa.gov]

Sent: Friday, March 21, 2008 12:40 PM

To: Mehta, Sudhir S. (KSC); Hainsey, Donald M; Buzz M. Calek; J. David Hopkins; Cicirelli, Dale L. (KSC)[SGS] (dale.cicirelli@jbosc.ksc.nasa.gov); Diaz, Gustavo B

Cc: David Raymond; Sweep, Kimberley A. (KSC); Bostic, Donald D; Williams, Donald L; Tweed, Daniel L (TweedDL@kscems.ksc.nasa.gov); Minderman, Donald J

(MindeDJ@kscems.ksc.nasa.gov); Boyles, Richard L (BoyleRL@kscems.ksc.nasa.gov);

Camacho, Ernesto T (CamacET@kscems.ksc.nasa.gov); Jeff Brown; Eady, Gary A.

(KSC)[SGS]; Miller, James D (MilleJD@kscems.ksc.nasa.gov); Kiel, Larry W

(KielLW@kscems.ksc.nasa.gov); Brian Graf; Matthew Carroll; Kiel, Larry W

(KielLW@kscems.ksc.nasa.gov); Ray.E.Davis@nasa.gov; Young, Roger W. (KSC)[SGS];

Manuel Cabrera; Martin, Wayne R; Brent Seale; Torres-Vega-1, Juan; Kuzma, Dorothea C. (KSC)

Subject: RE: Orsino Protection

I also wanted to express my gratitude for such professionalism in achieving this major construction milestone especially residing at such a critical area of KSC. Given the appreciable hazards with this type of electrical work, the project scope, budgetary and schedule limitations, this success story definitely should go down in the archives. I think Dan Tweed our Division's Tech Asst., captured it all in his e-mail attached, (ref:above).

Thanks to all for demonstrating the necessary team work required for this major feat.

Michael Milbert

**NASA KSC Facilities Systems Design
Electrical Engineering
Mail Code: TA-D2-A
Kennedy Space Center, FL 32899
Phone: 321. 867. 5097
Fax: 321. 867. 7037**

From: Hainsey, Donald M [mailto:Donald.Hainsey-1@ksc.nasa.gov]
Sent: Friday, March 21, 2008 9:28 AM
To: Buzz M. Calek
Cc: David Raymond; Mehta, Sudhir S. (KSC); Sweep, Kimberley A. (KSC); Milbert, Michael (KSC); Bostic, Donald D; Williams, Donald L
Subject: RE: Orsino Protection

Buzz,

J.L. Malone's work ethic and your dedication to abide by the Drawings, Specifications and Contract made it much easier for me to have the time to contribute towards the coordination of this project.

I'll get with Dave in just a little bit in reference to the Punch list.

Thank you.

Don Hainsey
SGS Construction Services
Construction Inspector
Phone: 861-1843 Cell: 412-6918
E-mail: Donald.Hainsey@jbosc.ksc.nasa.gov

From: Buzz M. Calek [mailto:bcalek@jlmalone.com]
Sent: Friday, March 21, 2008 8:49 AM
To: Hainsey, Donald M
Cc: David Raymond
Subject: RE: Orsino Protection

Don

We sure are glad that everything came together and the Orsino Substation is up and running as intended. We sure appreciate all of your hard work that you put into this project to make all of this happen. In regard to the punch list, is everything completed on site? We know that we have drawings and manuals to submit, but we just want to make sure all items on site are completed.

Buzz Calek

-----Original Message-----

From: Hainsey, Donald M [mailto:Donald.Hainsey-1@ksc.nasa.gov]

Sent: Thursday, March 20, 2008 6:50 PM

To: Sweep, Kimberley A. #NASA KSC

Cc: Mehta, Sudhir S. #NASA KSC; Milbert, Michael #NASA KSC; Camacho, Ernesto T. #NASA KSC; Minderman, Donald J. #NASA KSC; Boyles, Richard L. #NASA KSC; Diaz, Gustavo B. #NASA KSC; Davis, Ray E. #NASA KSC; Prann, Joseph A; Murray, Steven N; Bostic, Donald D; Williams, Donald L; Walters, Keith B; Flores, Carlos A; Wilson, Charles A; Charlton, Monroe H; Eady, Gary A; Tanner, Gary N; Cicirelli, Dale L; Jackson, Willis E. (KSC)[SGS]; DRay46@aol.com; Buzz M. Calek; Ball, Samori O. (KSC); Todd Renak; paul_gattuso@fpl.com; Glen_Porta@fpl.com; Clontz, Kenneth G; Tweed, Daniel L. #NASA KSC; Governor, Diana; Russell, Lois E

Subject: Orsino Protection

Kim,

Through the coordinated efforts of SGS Power Systems, FP&L, NASA, Todd Renak of the Selah Group and J.L. Malone & Associates, the new Differential Zones A, B & C were successfully activated tonight at the Orsino substation with no anomalies reported. The NASA Orsino Substation is currently in its normal configuration which signifies the conclusion of all Base Contract work (minus the Punch List) for “Repairs to Primary Electrical Power System Phase II @ Orsino”.

Thank you.

Don Hainsey
SGS Construction Services
Construction Inspector
Phone: 861-1843 Cell: 412-6918
E-mail: Donald.Hainsey@jbosc.ksc.nasa.gov

No virus found in this outgoing message.

Checked by AVG.

Version: 7.5.519 / Virus Database: 269.21.8/1337 - Release Date: 3/20/2008 8:10 PM