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| **CVG SIDOR POWER PROJECT SITE “A”** |
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**DATE: 31 July 2010, Saturday**

**PROJECT #: 410-3202**

**LOCATION: SIDOR Industrial Area, Puerto Ordaz, Venezuela**

**SITE MANAGER: Patrick Melody**

**TEMPERATURE: 88 F**

**RANGE: 85 to 95 F**

**SITE CONDITIONS: Partly Sunny / Rain at 12:15 to 1:45**

**PERSONNEL ON SITE:**

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| --- | --- | --- | --- |
| Lugo, Bill | Project Director | Newan, Miguel | Mat'l. Handler Local |
| Melody, Patrick | Site Manager | Izquierdo, Weiser | Mat'l. Handler Local |
| Siros, James | Mechanical Supt. | Herman, Flores | Tool Room Local |
| Bird, Jason | Technical Assistant | Monasterios, O | Safety Local |
| Riley, Jasper | Elect. Supt. | Leccia, Karina | Admin. Local |
| Little, John | Mat’l. Control | Zambrano Natalia | Elect. Eng. Local |
| Frawely, Ted | Elect. Supt. | Alvarez, Josbett | Admin. |
| Blacke, Edward | Safety Manager | Jansen, Teodoro | Translator |
| Lynch, Patrick | Piping Supt. | Lugo, Lee | Translator |
| Siros, Melinda | Turn Over | Rojas, Moises | Procurement Local |
| Caldwell, Donnie | Dual Fuel | Charcara, Alex | High Voltage |
| Green, Kathy | Dual Fuel | Young, Craig | High Voltage |
| Nash, Carlos | Dual Fuel | Galvez, Arturo | High Voltage |
| Smothers, Shelby | Dual Fuel | Goncalves, Adriano | High Voltage |
| Welty, Mark | Dual Fuel | Medina, David | High Voltage |
| Koon, Tom | Dual Fuel | Silva, Rafael | High Voltage |
| Golden, Gabe | Dual Fuel |  |  |

**SUBCONTRACTOR PERSONNEL:**

Operators 7 Carpenter 20 Electrician 3 Laborers 15 Helper 20 Warehouse Assist 2

Truck Driver 6 Operator Crane 2

Welders 3 Plumber 2

Oilers 2 Mechanic Heavy 1

Master Operator 4 Master Mechanic 1

Survey Assistant 2 Concrete Finisher 9

Surveyor 2

Iron Workers 7

**Total 108**

1. **GENERAL ITEMS**
   * 1. Design and procurement for the project needs to be completed as soon as possible to support current project schedule. Daily meetings are held with the design team and/or field engineers to follow up on the design and to discuss design changes.

* Receipt of cathodic material is currently restraining erection of the Raw Water and Demin Water tank. ***Demin water tank construction was scheduled to start on 28 July 2010, but the site still does not have the materials for cathodic protection. We are making the arrangement to air freight these materials for an ETA of Monday Aug. 2, 2010. The design was received Thursday, 29 July 2010.***
* DCS wiring and raceway design is not complete. DCS equipment is still in fabrication. Equipment is being expedited to prevent it from being critical.
* ***Utility Bldg. HAC design has not been provided. Site is getting quotes from local contractors for design and supply of the HVA system.***

1. **CLIENT ISSUES/CONCERNS:** 
   * 1. Preliminary discussions were held with SIDOR to discuss gas blows and alternative options. To the extent possible, SIDOR would like to minimize the need for gas blows.
     2. ***Concrete supply continues to be a problem. Truck availability appears to be the issue. Only a single truck has been allocated to the project for concrete placements over the past three days. Contractor is unable to schedule concrete deliveries and must make placements when the concrete supplier is able to deliver. Placements this week have taken place until 9:00 pm due to the limited amount of trucks available. Concrete placements on Saturday cannot be scheduled due to batch plant closings.***
     3. ***SIDOR has indicated that they require 100% x ray testing of all joints for gas systems. Issue is under negotiations.***
2. **CIVIL:**
   * 1. Gas compressor aux transformer install conduit
     2. Utility Bldg. install sheeting
     3. Water treatment Bldg. forms
3. **CONCRETE FOUNDATIONS:**
   * 1. ***Concrete unavailable.***
4. **MECHANICAL:**
   * 1. GT 100 Trimming engine packages
     2. Fabricating pipe at gas compressor
     3. GT 300 Install piping inside the unit
     4. GT 300 Installing splice plates inside the stack
     5. GT 300 Install CO2 piping
     6. GT 100 & 200 Erect pipe racks
     7. Install buried pipe at gas compressor
     8. GT 300 Dual Fuel team/Locate Material
     9. GT 300 Layout Cooling Water Pump
     10. GT 300 Excavate for process pipe from GT 200 to gas compressor
     11. GT 300 Install piping at cooling water module and pump
     12. Dual Fuel – Install atomized air filter housing
     13. Dual Fuel – Install LF Pump
5. **ELECTRICAL:**
   * 1. Utility Bldg. – Install MCC’s
     2. Clean Duct Bank conduits
     3. High Voltage – Trim at GSU 100 & 200
6. **INSTRUMENTATION AND CONTROLS:**
7. **SCHEDULED ITEMS:** 
   * 1. ***General***
        1. CPS Schedule updates on going.
     2. ***Contract Milestone Payments***
        1. Completed Milestone Payments (50%)

Complete

* + - 1. Gas Turbines on Foundation (10%)

Complete

***8.1.2.3*** Civil Foundations Complete (25%)

August 20, 2010

***8.1.2.4*** Electrical/Mechanical Complete (10%)

October 31, 2010

* + - 1. Start- up Complete and Ready to Export Power (5%)

November 9, 2010

***Note (\*): These dates are being revised based upon an accelerated schedule.***

* + 1. ***Target Ready for Start-Up Dates***
       1. ***Unit 100 – LM6000***

Sept 10, 2010

* + - 1. ***Unit 200 – LM6000***

Sept 10, 2010

* + - 1. ***Unit 300 – 7EA***

October 31, 2010

***Note (\*): These dates are being revised based upon an accelerated schedule.***

1. **CRITICAL AREAS OF CONCERN:**

Design and procurement activities for the project need to be completed as soon as possible to support current project schedule. We continue to have daily communications with the design team in Tulsa as well as the field engineers on the design progress.

We have been requesting a design completion date to include it in our schedule. This information has not been received yet.

Subcontract negotiations underway for Utility Bldg. HVAC and painting.

* + 1. **SAFETY:**
       - 1. Develop JSA as needed
         2. Inspection of subcontractor power tools.
         3. Inspection of motorized equipment prior to usage.
         4. Scaffold and trenching inspections ongoing.
         5. A training course for work in existing switch yard has been held
         6. Site Orientation for New Staff
    2. **OUTSTANDING DRAWINGS:** 
       - 1. Cable tray drawings for Water Treatment, Gas Compressor, and Control Maintenance Bldgs.
         2. DCS design is not complete. Design has not been released for fabrication. This issue could impact critical path
    3. **DRAWINGS ISSUED:**

**11. PICTURES:**



GT 300 Buried Process Piping



Demin Water Tank Material Staged for Construction