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| EPC | Weekly Report **26 June 2010** | |
| Date: 26 June 2010 | Project: Sidor Site A, Puerto Ordaz Venezuela | |
| Written By: Patrick Melody | ProEnergy EPC Project Mgr  ProEnergy Site Manager | William Lugo  Patrick Melody |
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**1. Executive Summary .**

This report provide an overview of the project activities for the week ending 15 May 2010 for the engineering, procurement, and the construction activities on site.

* 1. **Safety & Regulatory Compliance** 
     + Develop Job Safety Analysis as required.
     + Inspection of motorized equipment prior to usage.
     + Inspection of subcontractor power tools.
  2. **Personnel/Staffing**

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| --- | --- | --- | --- |
| Lugo, Bill | Project Director |  |  |
|  |  |  |  |
| Melody, Patrick | Site Manager | Daniels, Julio | Tool Room (Local) |
| Siros, James | Mech. Supt. | Izquierdo, Weiser | Mat'l. Handler |
| Bird, Jason | Tech. Advisor | Flores, Herman | Tool Room (Local) |
|  |  |  |  |
|  |  | Leccia, Karina | Admin Assist |
|  |  | Rojas, Moises | Logistics |
|  |  | Zambrano, Natalia | Translator |
|  |  | Alvarez, Josbett | Translator |
|  |  | Jansen Teodoro | Translator |
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* 1. **Weekly Accomplishments** 
     + GT 100 Install expansion joint complete
     + GT 100 Install line breaker switch
     + GT 200 Install cable tray supports
     + GT 200 Install line breaker switch
     + GT 200 Erect H frame for turbine installation
     + GT 300 Install piping inside enclosure
     + GT 300 Exhaust Stack – Interior welding
     + GT 300 Install exhaust stack transition joint
     + GT 300 Install drain piping
     + GT 300 Excavate for Auxiliary transformer
     + GT 300 Excavate for generator breaker foundation
     + GT 300 Excavate for water injection skid
     + Duct bank – MH 1 to PECC
     + BOP - Install storm drain pipe and structures on west side of GT300
     + BOP – Demin water tank install forms and rebar
     + BOB - Install auxiliary transformer TA2
     + BOP – Raw water tank – Excavation complete
     + BOP – Fuel Storage tanks – Excavation complete, engineered backfill placement
     + BOP - Switch Yard foundations ongoing
     + BOP – Install fire line
     + BOP - Install process pipe
     + BOP – Oily water separator foundation complete
     + BOP – Fire line Hydro Test East side
     + BOP – Erect Utility Bldg.
     + BOP Utility Bldg – Install MCC crates on slab



**1.4– Scheduling Conflicts**

* ***CPM schedule was issued 14 June 2010.*** Impacts resulting from lack of progress payments is being reviewed for inclusion
  1. **– Site Managers Commentary and Amplifying Remarks**
* Civil Contractor continues to work with reduced manpower due to payment issues. No Saturday work is scheduled. GT 300 duct bank 7 foundations, switch yard and water treatment building will be adversely affected.
* Power line which was restraining excavation of tank foundations was removed on 18 June 2010. ***Excavation of tanks is complete. Placement of engineered backfill in process.***
* GT 300 GSU transformer was damaged in shipment***. Repair will be made in field by heat straightening damaged tube with oversight by high voltage installation team***
* 7EA Dual fuel conversion is scheduled to start on 21 June 10 provided commercial issues are resolved. Approximately 6 week duration. **Pending receipt of payment.**
* The following components have been sent to Termozulia. Beckwith; Electro Industries volt/amp meter; coupling bolts; purge and vent valves for fuel gas module; and ignition transformer. Lead times are critical for replacement of these items. Control cards for 7EA are also required this week by Termozulia.

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

**2.4 – Electrical**

* + - Additional detail is required to stub up conduit at the location required. A list of foundation has been provided to the engineer for his action.

**2.5 – Instrumentation**

* **Ongoing**

**2.6 – O&M Manuals –**

* **Ongoing**

**3 Procurement**

**3.1 – Purchase Order Requests**

* A local vendor list is being developed with the assistance of SIDOR.
* The lack of Progress Payments is restricting issuing PO’s to local subcontractors and vendors.
* Numerous PO have been prepared for execution when progress payment has been received.

**3.2– Equipment & Material Quotations**

**3.3 - Purchase Order –**

**4 Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

**4.3 – Proposal & Quotes**

* Proposal for erection of tanks and Pre Engineered Buildings have been received and are being evaluated.

**5 Construction**

* **5.1 Schedule**

Impacts resulting from lack of progress payments is being reviewed for inclusion

* CPM schedule was issued 14 June 2010.

**5.2 Equipment Delivery**

**5.3 Mechanical**

* GT 100 – GT Erection is complete
* GT 200 – GT Erection is complete. Awaiting arrival of turbine for installation.
* GT 300 – GT Erection is complete

**5.4 Electrical**

* Installation of Manholes and duct banks is ongoing.

**5.5 QA/QC –**

* Inspections of concrete placement, excavation, and backfill activities is ongoing.

**6 Startup & Commissioning**

* Pending.

**7 Startup Mobilization**



Demin Water Tanks Forms/Rebar & Excavation Raw Water Tank



Utility Bldg. Erection