From: Kulawski, Grzegorz J SPDC-UIO/G/PN
Sent: Tuesday, June 30, 2015 12:04 PM
To: Oni, Olatunbosun OA SPDC-UIO/G/PNES
Subject: RE: AG-2 issues and restoration activities.

Thanks Bosun.

Greg Kulawski
GM Onshore Assets
The Shell Petroleum Development Company of Nigeria Limited
PO Box 263 Port Harcourt, Nigeria
Tel: +234(0)80702 21386

Mobile: +234(0)80703 21386

From: Oni, Olatunbosun OA SPDC-UIO/G/PNES

Sent: 30 June 2015 11:54

**To:** Kulawski, Grzegorz J SPDC-UIO/G/PN **Cc:** Ikeobi, Chuks C SPDC-UIO/G/PNES1

**Subject:** FW: AG-2 issues and restoration activities.

#### Greg,

Per our last conversation, please find attached. Yellow highlight is mine. I will follow up with Sazy and revert.

#### Bosun

Swamp East Assets

From: Osasona, Sazy F SPDC-UIO/G/PMA

**Sent:** 29 June 2015 14:28

To: Oni, Olatunbosun OA SPDC-UIO/G/PNES; Ikeobi, Chuks C SPDC-UIO/G/PNES1

Cc: Oji, Eberechukwu E SPDC-UIO/G/PM; Adebisi, Olusola A SPDC-UIO/G/PNES1; Ovwagbedia, Arthur E

SPDC-UIO/G/PMA; Oleho, Austin M SPDC-UIO/G/PMA; Abioye, Taslim O SPDC-UIO/G/PMA

Subject: AG-2 issues and restoration activities.

#### L&G

### **Current Challenges**

- 4k Inspection was carried out on 30<sup>th</sup> April 2015. Unit was started and ran for 10minutes, but shutdown due to insufficient gas to carry out 72hrs test run.
- Gas supply restored 24<sup>th</sup> May 2015 post repair of leaking flash gas outlet line flange. Unit was started but failed on LP turbine mean exit temp high alarm.

## What we have done (24th May to 28th June)

- Carried out troubleshooting using both in-house expertise and OEM support.
- Progress on troubleshooting hampered as support from OEM stalled by contracting issues-Turbine controls (obsolete Rustronic Mark-2) specialist

not resident in primary vendor. Primary vendor unable to properly secure the service of secondary vendor

• Continued troubleshooting with in-house resource. Awaiting advice from Mark-2 control specialist.

# Way forward-29<sup>th</sup> June-4<sup>th</sup> July 2015.

- Help to resolved PO issues between vendors and exploiting alternative avenue to procuring service of specialist
- Established alternative specialist resource outside usual OEM to support AG-2 controls issues on 29<sup>th</sup> June, 2015. Retired EPS control Engineer in Duhai
- On line support and troubleshooting using alternative specialist currently ongoing
- Complete restoration of AG-2 envisaged in the week LEC 4<sup>th</sup> July 2015.

Sazy