



The
Pipeline
Newsletter

Contents

PLNL Operator Training Simulator.....	3
PLNL Family Day & Alternate.....	4-6
June 2015 Turnaround.....	7-8
HSE Day & Mr Mantellini.....	9-10
Up Close & Personal.....	11-13
Ministry of Energy & Energy Affairs Technical Meeting	14
Production & Sales Graph.....	14

Point Lisas Nitrogen Limited **Operator Training Simulator**

Point Lisas Nitrogen Limited has invested in an Operator Training Simulator. Installation and training commenced in May 2013 and this project was completed in October 2014. The simulator is essentially a virtual ammonia plant that allows for the DCS training of operators during shutdowns, start-ups and any emergency or upset conditions. The instructor has the ability to add any scenario and makes changes to that scenario to target a certain area or piece of equipment.

The simulator produces a report at the end of a training exercise that contains details of the changes made and the time taken to make these adjustments by the trainee operator. During the installation period, the Operations department was heavily involved making their contributions along the way. There were four major milestones, all of which were executed according to the schedule: the Model Validation Test, the Pre- Factory Acceptance Test, the Factory Acceptance Test and the Site Acceptance Test.

The Operator Training Simulator team consisted of Sariyah Lachman, Curlan Ellis, Randall Motilal, Atiba Clarke, Anthony Mitchell, Sheldon Samsoundar, Wayne Polius, Alicia Ramkumar and Shareek Hosein. During the Site Acceptance Test other operations personnel came on board, Adrian De Gannes, Chandprakash Ramsamooj, Errol Rampersad, Emerald Pollard and Larry Somar.

Thanks to all for your support in taking this project from a dream to a reality



PLNL FAMILY DAY & ALTERNATE FAMILY DAY

On Sunday 19th April 2015 PLNL took to the evergreen area of the scenic La Vega estate to celebrate its Sports and Family day in true PLNL style. The employees and guests were split into four teams sporting the colours of White, Blue, Black or Green to face off against each other as true gladiators in the mid-day sun.



From 10:00 am straight up until 5:00 pm people enjoyed the sweet sounds of music floating all through the grounds. Staff and their guests chose to enjoy a myriad of games run by a competent team of Fire Service Officials.

Those who chose to partake in the abundance of food and drinks from the covers of the cool carat sheds were treated to bake & shark, doubles and snow cones to name a few. Not only were the refreshments flowing but the lucky few were able to win gifts on the luck of the draw.

Congratulations to Darryl Roberts and Poonram Balgobin for taking the coveted 1-pad and 40" television this year.

Some chose to beat the heat by heading poolside, enjoying one of the newer features of the estate. A total of two hundred and sixty seven persons attended this successful event, with the Blue team being declared the overall winners.



Having been soundly beaten for too many times to count the guys could no longer stand to be on the receiving end of picong and came out to the tug of war competition in full force. Sadly, although the gals put up a great fight they lost the battle. Don't worry ladies there's always next year!!





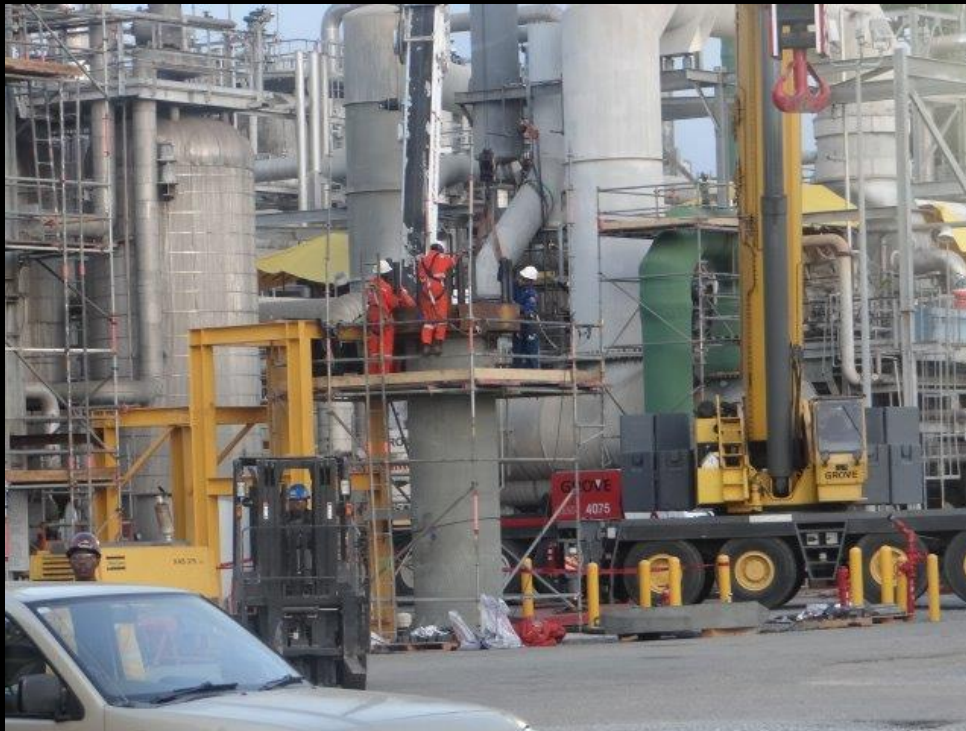
Ever mindful of those hardworking shift employees who were not able to make it to the main Sports and Family day, the Operations Team hosted an alternate day of fun and relaxation at the same venue on Sunday 17th May 2015.

This time around, while there may have been less physical prowess involved there was a nonetheless “hotly” contested display of skill in the much hyped-up Curry Duck Competition. Three teams were judged on presentation, taste and group effort. Although it was a close race, the victors of the “A” Shift won quacking rights! Families enjoyed the poolside scenery and a meal and two lucky guys (Errol Rampersad and Makesi Blackett) walked away with yet the second I-pad and 40” television give away.



JUNE 2015 TURNAROUND

They say that some of the best things in life are at the spur of the moment and they happen spontaneously...well this TAR was certainly spontaneous! The original planned date after much deliberation, developing scenarios, confirming exchanger delivery and devising probabilities using the Delphi Method; was supposed to be 27th June 2015 for an estimated 10 days production to production. The primary focus was supposed to address the issues faced in 2014 with the leaking 123C2A exchanger in both March and August last year. This opportunity would also have been utilized to replace the 103C1 tube bundle as well as replace the LTS catalyst.



The TAR was brought forward by 12 days to the 16th June and actual duration was 11.66 days production to production. This was due to fluctuation in the incoming power supply which resulted in some of the ISBL pumps coming offline temporarily and creating a process upset in the CO2 stripper – 102E. The plant was not able to remain online as a result and the decision was made to take the unit offline, go into TAR mode and prepare the equipment for maintenance work.

The challenges faced in this TAR were to mobilize the resources (scaffolding, manpower, tools, equipment, and site accommodations) and have all 700 plus contractors undergo site specific safety orientation in a very short space of time. The weather proved to be a delay on some of the critical jobs despite the efforts of having tarpaulin coverings throughout the plant.

The critical path was the LTS catalyst replacement followed by the 103C1 exchanger tube bundle replacement and both were the primary reasons for the additional downtime as a result of the challenges mentioned above. The TAR estimated cost is was US \$3.5M with more 90% being fixed price via contracts in the form of mechanical works, scaffolding, insulation, site accommodations, major electrical and testing and valve servicing. The actual projected TAR cost came to US \$3.0M with the majority of the costs and variations received and accounted for.

Probably the single most important KPI that came out of the TAR was the fact that there were no reported first aid or loss time incidents. This was one of the best statistics PLNL has had in a TAR despite it being brought forward by almost two weeks and having over 70,000 man-hours worked. Well done guys! This goes to show the dedicated, hardworking, competent, efficient, compliant and resilient team that forms the PLNL family.

All hands were on deck apart from the plant group; support was received from the Materials department to generate orders instantly and to have the goods required; HR provided fresh fruits, support and refreshments for each shift to revitalize the group when needed most; Finance kept the plant group in compliance and on track with respect to TAR cost.

The post mortem was held to identify what worked for us, the challenges encountered and what future actions are required. As the dust settles from TAR 2015, we look ahead to TAR 2016 and plans are on the way to complete the TAR budget and timeline in preparation for September 2015 Board Meeting. Spill over jobs and new work orders are being done to have orders out for materials in time for the 2016 Q2 TAR.



Employees would be keenly anticipating this upcoming TAR and a lot of preparation work is required to ensure as always that this TAR is executed safely, on time and within budget. 2016 TAR give us your best shot!

Greeted by the sweet sounds of the Diatonic Steel Orchestra and the sight of the PLNL colours flying high over two large marquee tents is how this signature PLNL event opened on Friday 1st May. For many it was a bittersweet celebration as staff came out in full force to celebrate their combined achievement of another year without a lost time incident but also to say a fond farewell to a man who was not only the outgoing President but was considered a friend to everyone he met.

Staff heard from the man of the moment himself, Roberto, as he is fondly called, wishing all of PLNL continued success and reminding staff that “adios” is not farewell, but see you again. After all speeches and protocols were observed it was down to the business of fun starting with Charmaine’s and Lynette’s serenade with various renditions of tunes from yesteryear straight up to present day.

Health and safety was at the forefront of everyone’s minds as the talent portion of the afternoon’s entertainment got underway which had most of the guests in stitches as they were treated to poems, monologues and songs. But the highlight of the day’s events was undoubtedly the varying skits performed by the different teams all centred around the theme of the day. From the “accident” in the black Porsche to the questionable “young lady” there was laughter abound, but no one could come close to the short play put on by the members of the E&I team. With accompanying video and sound effects and a full rewind of the play itself, they were ultimately crowned the day’s winners, capturing two titles of Best Team Performance and People’s Choice in one fell swoop.

Staff were treated to a lovely buffet of finger foods and mini meals as the ceremonies and activities wound down but this by no means meant that people headed home, as many chose to lounge around saying their final farewells and chatting well into the evening. All in all, another greatly successful, though nostalgic event.



Up Close & Personal



Tahirah Kerr-Arrindell (TK)



Raphael Gonzales (RG)

1. Where did you grow up?

TK: Born and raised in Point Fortin all my life. It's a small community that most consider very far away but I love the country type, close knit community. The most common question that follows here at PLNL is, "Do you know Adrian De Gannes?" no I don't know Adrian De Gannes (smile) but I'm glad to have finally met him.

RG: On the Western side of Trinidad, in a small seaside village called Cocorite, I spent my boyhood days playing football on the basketball court and then taking a dip in the sea with friends and family.

2. Tell us about your family?

TK: I have a very small family my husband, my daughter and me. My extended family is also quite small which is good because we all speak to each other every day.

RG: In my immediate family I have two siblings, an older brother and a younger sister. My brother is about ten (10) years older than I am, but my sister and I grew up close together. I also have a big extended family from all over Trinidad; Arima, Mourga, Chaguanas... you name a place, I'm sure I have family there. We are very close to my mom's side of the family.

3. What is your favourite childhood memory?

TK: In the moment this was not such a pleasant experience but in retrospect it has brought a lot of laughter when I meet up with my secondary school friends. I was in form 4 and for some reason though I spent all day in school with my friends when we got home we still needed to speak to each other for hours. So one day after I arrived home while chatting with one of my friends and eating a chicken roti for dinner I felt something in my throat. It was a broken bone within the roti that pierced and lodged within my throat. I spent a night in the hospital. When I returned to school my friends all found this very funny and we all laughed for days as somehow as the dilemma spread it changed to a KFC bone in my throat.

RG: I was considered one of the brightest persons in my primary school. When I wrote SEA the teacher was calling out what school everyone passed for. When she reached to my name she said “Mucarapo Junior Secondary” I was shocked and I felt my heart drop, I looked at my mom and thought to myself “for sure for sure is licks tonight” then I heard the Teacher say “no sorry sorry I mean St Anthony’s College. I was relieved and ecstatic all at the same time as people congratulated me.

4. Tell us about your hobbies?

TK: I love travelling and anything techie. I also love reading. After becoming a mom my time has become my daughter’s, so my hobbies have become being a cheerleader for my daughter while taking her around to all her activities, swimming (she loves waterparks), horseback riding and being outdoors. Lately though she thinks she is Anna from the movie Frozen so we have fun dancing, singing and playing talking dolls to all the Frozen songs.

RG: I like football, swimming (I used to swim competitively for my secondary school,) going to the beach, liming and socializing with friends. I like going places where I’ve never been before right here in Trinidad & Tobago. I want to visit Barbados next (I heard it’s beautiful) and the States (Disney World & Sea World are on my list) sometime in the future.

5. What is your favourite indulgence?

TK: Anything Apple (not the fruit) I’m really lusting after an Apple watch these days but I think I’ll wait for generation 2.0

RG: Any kind of cake once it’s delicious and jewellery (doesn’t have to be delicious). I love to buy for myself but mostly I inherit pieces from my parents. My favourite piece is a thick gold chain that I own.

6. Which person do you admire the most and why?

TK: This is a difficult question, as I admire many people as it deals different aspects of my life. So professionally I admire Sheryl Sandberg (COO of Facebook) who is a strong female leader. She wrote a book called “Lean In”, she writes, “Leadership is the expectation that you can use your voice for good. That you can make the world a better place.”

RG: My Father because he came from very humble beginnings. He grew up in a rough time in a rough area and he worked his way up to provide for his children. We didn’t have everything we wanted but he gave us everything we needed. When my mom was pregnant with me he made her stop working so she could look after us. To this day she is a stay at home wife and he is the breadwinner.

7. What is your pet peeve?

TK: The thing that irks me most is driving behind someone who just purchased a new car!! They drive so slowly treating the car like a cushion or a new baby. The roads to Point Fortin are winding so you can’t overtake, so such hindrances drive me crazy when I drive two hours each way every day.

RG: People who lie effortlessly, you catch them in the lie and they still lie to cover the first lie; and people who “know it all”; They know everything, been everywhere and seen everything. They think the centre of the universe revolves around them.

8. What is your proudest accomplishment to date?

TK: Having my daughter is my proudest moment; she pushes me out of my comfort zone, to be different and to become a better person. Being a mom is a new challenge every day it calls you to be a teacher, photographer, nurse, friend, cheerleader, counsellor, coach, planner, chef, entertainer... pretty much a super hero. For this I am eternally grateful and it is really fulfilling looking at her grow up day by day.

RG: Starting to work at PLNL.

9. How do you relax and unwind?

TK: A glass of wine and a marathon of Criminal Minds would be my Zen.

RG: I love being at home and sleeping although I will not pass up the occasional cold beer with friends. I might go to a club once in a blue moon.

10. What do you look for in a job/place to work?

TK: I love a place where people are valued. For me machinery and other assets are replaceable; the competitive edge rests within the people. Most often the most important factors are non-financial. A good organisation is one which pushes its people towards their potential, has open dialogue/communication, clear goals and supports its employees.

RG: One where everyone is treated like family with love and respect.

11. What is the most important lesson that life has taught you?

TK: I read the book The Secret by Rhonda Byrne, this book taught me one of the most important lessons in life which is to always be thankful and positive thinking. Sometimes we get so bothered in the things we don't have that we fail to appreciate the vast blessings that we have been given. Sometimes we find ourselves complaining or only seeing the negative. However, if we start our day by always looking for things to be thankful for it brings a feeling of happiness and fulfilment. “Be thankful for what you have; you'll end up having more. If you concentrate on what you don't have, you will never, ever have enough.” Oprah Winfrey.

RG: Don't underestimate anyone and treat everyone equally because today you may be on top but tomorrow you might be on the bottom and the same people you bashed and mistreated are the same people you might have to look to for help when you need it.

12. If you were not doing this job what would you be doing?

TK: Growing up I considered being a lawyer. So if I was not an HR professional I would probably be a lawyer.

RG: If I wasn't working as an operator and I had the cash I would open a wholesale liquor mart in a strategic location because that makes money.

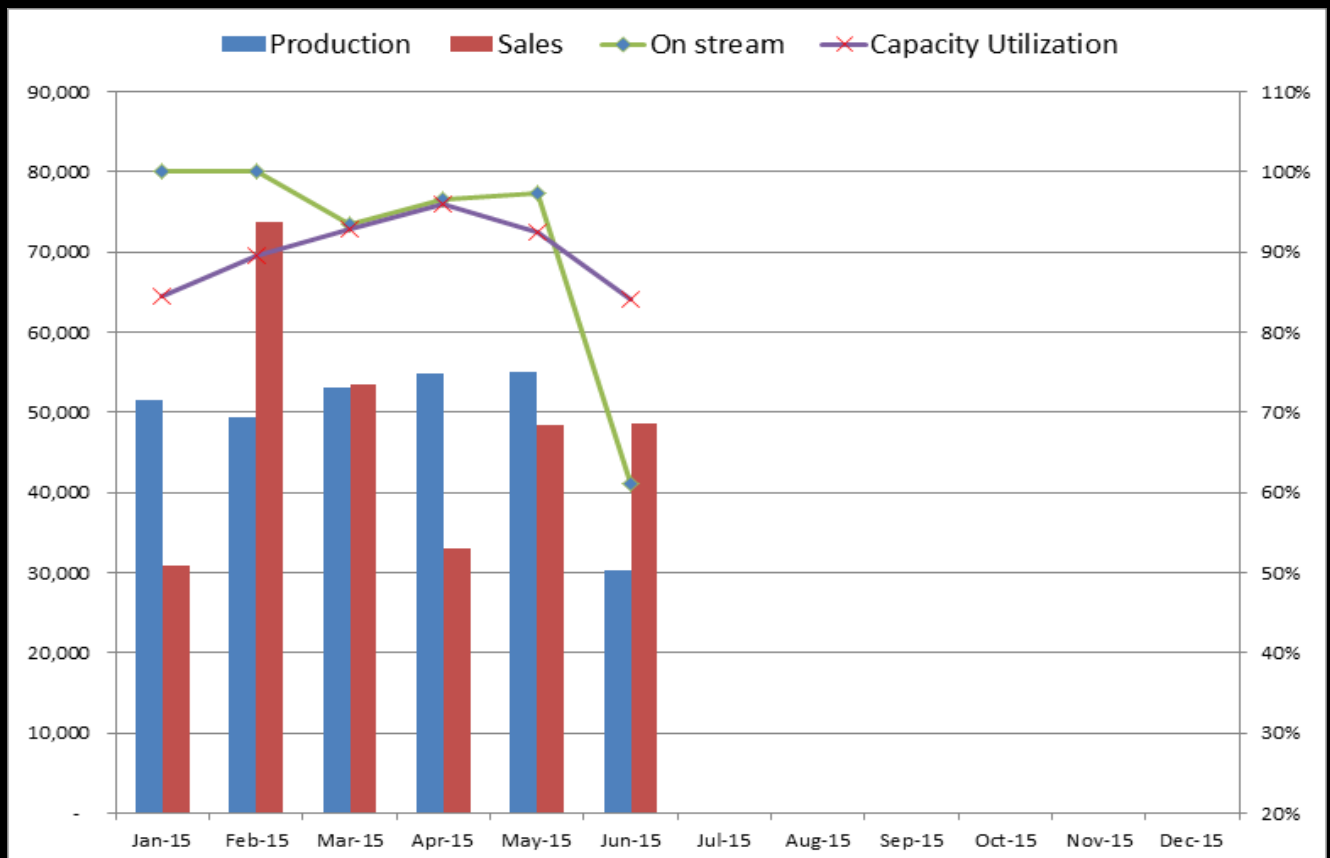
Ministry of Energy & Energy Affairs Annual Technical Meeting

On Wednesday 6th May, Point Lisas Nitrogen Limited played host to invited guests from the Ministry of Energy & Energy Affairs, the Environmental Authority and the Board of Inland Revenue as they engaged in their annual technical meeting. As in years gone by, this meeting focused on the organization's perspective as both "a year in review" highlighting to the Ministry the many accomplishments of Point Lisas Nitrogen Limited for 2014, as well as intended projections for 2015.

Overviews were given by managers of the respective areas in terms of performance and accomplishments. While the forum allowed for question and answers, notably PLNL managers took the opportunity to engage in queries to Ministry of Energy Staff about the sustained gas curtailment and how it continued to affect the operations of the Company.

As the session wound down guests and staff alike were treated to a sumptuous lunch which was followed by a plant tour being given to our visitors.

Production and Sales Jan-Jun 2015



Thanks to all who contributed by way of articles,
pictures or information towards this publication.



P.O. Bag 38, Couva Post Office,
North Caspian Drive,
Point Lisas Industrial Estate (North) Point Lisas,
Trinidad, West Indies.
Tel: 1 868 679 3625/3776/8
Fax: 1 868 636 3768