From: pharrington@lowerchurchillproject.ca

To: ronpower@lowerchurchillproject.ca

Cc: Ed Bush; Ed Over; Jason Kean; Lance Clarke; Scott O"Brien

Subject: Re: Astaldi

Date: Friday, April 18, 2014 4:01:15 PM

Ron

Do not apologise, we need to be prepared for the coming wave, the unifying effect of the Astaldi challenge is good but we will need bench strength - I need your unfiltered views and insight so please work with Scott and Desmond to identify where we can strengthen our team and go for the talent we need. If you can spend more time on site I believe that will help matters to head issues off before they become major problems

Regards Paul

Paul Harrington Project Director PROJECT DELIVERY TEAM

Lower Churchill Project

- t. 709 737-1907 c. 709 682-1460 f. 709 737-1985
- e. PHarrington@lowerchurchillproject.ca
- w. muskratfalls.nalcorenergy.com

This email communication is confidential and legally privileged. Any unauthorized reproduction, distribution or disclosure of this email or any attachments is strictly prohibited. Please destroy/delete this email communication and attachments and notify me if this email was misdirected to you.

Ron Power---04/18/2014 01:28:27 PM---From: Ron Power/NLHydro To: Scott O'Brien/NLHydro@nlhydro,

From: Ron Power/NLHydro

To: Scott O'Brien/NLHydro@nlhydro,

Cc: Paul Harrington/NLHydro@nlhydro, Lance Clarke/NLHydro@nlhydro, Jason Kean/NLHydro@nlhydro, Ed Over/LCP/NLHydro@nlhydro, Ed Bush/NLHydro@nlhydro

Date: 04/18/2014 01:28 PM

Subject: Re: Astaldi

Apologies for sounding like the usual heretic, but the execution issues that will arise, considering the present composition of our site team, will be ours. Astaldi will get rocking and rolling - we need strength at site that we do not have now. Strengthening our site team is now

my major focus.

Happy Easter to all!

On Apr 18, 2014, at 12:31 PM, "Scott O'Brien" < ScottOBrien@lowerchurchillproject.ca> wrote:

Paul

We've discussed this quite a bit within the team over the last couple of weeks and I've shared the same sentiment with Ron as recently as yesterday.

The workshops in HVGB were definitely beneficial for us in understanding the substance behind the message. There's a significant increase in the number of corporate personnel working on the implementation of their process. There's a task force type approach being undertaken on key issues. There's clear planning evident in the approaches to spillway execution and resource loading requirements as we've seen in our workshop yesterday. Our planning team is working with them to refine the schedule now. All demonstrative of significant improvement.

Concrete pour timelines are identified and we've been planning to establish countdown and readiness targets as goals. The latest spillway schedule iteration shows work through February which is quite late needs to be better understood from execution, productivity and manpower perspectives. There are also some opportunities for schedule reduction still under investigation.

Long answer to the question, but in summary the collective mood is consistent with Ted's commentary. There's a long way to go but we are all feeling better about where it's going and in Astaldi's commitment to deliver.

Scott

Scott O'Brien Project Manager - Muskrat Falls Generation PROJECT DELIVERY TEAM Lower Churchill Project

- t. 709 570-5987 c. 709-764-6537
- e. ScottO'Brien@lowerchurchillproject.ca
- w. muskratfalls.nalcorenergy.com

On Apr 18, 2014, at 11:26 AM, "Paul Harrington" < PHarrington@lowerchurchillproject.ca wrote:

Scott

I was advised by Ted at HVGB yesterday that he felt that Astaldi were making some headway now and the planning/engineering associated with the concrete pours was going much better. I would be interested in knowing from you if you share this sentiment and is there a feeling of greater confidence now? Regards Paul

Paul Harrington
Project Director
PROJECT DELIVERY TEAM
Lower Churchill Project

- t. **709 737-1907** c. **709 682-1460** f. **709 737-1985**
- e. PHarrington@lowerchurchillproject.ca
- w. muskratfalls.nalcorenergy.com

This email communication is confidential and legally privileged. Any unauthorized reproduction, distribution or disclosure of this email or any attachments is strictly prohibited. Please destroy/delete this email communication and attachments and notify me if this email was misdirected to you.