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**Subject:** Fw: Astaldi RCC Experience - summary note  
**Date:** Thursday, January 16, 2014 2:19:32 PM

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fyi - I have requested Mark Turpin to prepare a compendium of Astaldi RCC construction experience. From what I heard and jotted down in the RCC workshop held this week, Astaldi have not been a very successful RCC constructor. Mark's report will provide us with that picture.

Regarding the North RCC dam, we learned that our required placing rates for a dam of this size puts us at the leading edge of worldwide experience to date. It became very clear to all of us that we will need an exemplary RCC contractor in order for us to succeed.

Regarding RCC constructors in the Western World, we learned that Dragados is generally recognized as the leader. (we also heard that Kiewit can build RCC as well, but it was noted in the meeting that Kiewit did not bring their RCC wherewithal to the Riverside Cofferdam work at M. Falls in 2013. Rather, we brought in Mike Pauletto, John Mulcahy etc.. to get IKC ONE sorted out.)

We also heard this week that Dragados and H. J. O'Connell have partnered to pursue Keeyask work.

This is very interesting for us: O'Connell's can construct the North Spur and other earthworks related to river diversion and the South Dam, and Dragados can do the RCC dam.

In my opinion, we need to get clarity on the way forward with Astaldi for the North Spur, and N. and S. Dams very quickly. If the Astaldi solution is "shaky", then we will need to pursue other options / opportunities.

**Ron Power, P. Eng.**

**General Project Manager**

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----- Forwarded by Ron Power/NLHydro on 01/16/2014 01:48 PM -----

From: Ron Power/NLHydro

To: Mark Turpin/NLHydro@NLHYDRO,

Cc: Scott O'Brien/NLHydro@NLHYDRO

Date: 01/16/2014 01:20 PM

Subject: Astaldi RCC Experience - summary note

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Mark - As discussed today, I would like for you to prepare a summary note documenting information re Astaldi's RCC construction experience.

As we heard on Tuesday, both Malcolm Dunstan and George Casagran have knowledge / insights.

Thanks

**Ron Power, P. Eng.**

**General Project Manager**

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