

**From:** [Paul Burgess](#)  
**To:** [Brown, Angie](#); [DavidHowe@musktratfallsinquiry.ca](mailto:DavidHowe@musktratfallsinquiry.ca)  
**Cc:** [O'Brien, Kate](#); ["Bader Georges"](#); ["Donald Delarosbil"](#)  
**Subject:** FW: ICS  
**Date:** Thursday, November 15, 2018 4:34:22 PM  
**Attachments:** [image001.jpg](#)

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Please see an email below from our client which I believe now addresses all outstanding issues raised by Grant Thornton.

Paul

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**From:** Bader Georges <g.bader@astaldi.com>  
**Sent:** Thursday, November 15, 2018 4:17 PM  
**To:** Paul Burgess <pburgess@burgesslaw.ca>  
**Cc:** Delarosbil Donald <d.delarosbil@astaldi.com>  
**Subject:** ICS

Paul,

Concerning the ICS structure and how the concept was adopted, please note the following :

The concept of the ICS was included in Astaldi's proposal to Nalcor. In the RFP, the ICS was a concept design, which was modified as progress with construction advanced. The ICS was reviewed and approved by Nalcor.

It was initially contemplated that Astaldi would attend at the site in July, 2013, and commence the design for the ICS. Given the Project start date was delayed and the contract was awarded to Astaldi in November, 2013, design of the ICS started in the first quarter of 2014.

Normally design would only start after a survey was conducted, but given the time of the year and

the fact the site was snow covered, a survey was not possible. To validate actual foundations elevations.

The design of an ICS takes approximately 4-6 weeks, and once the design is completed fabrication takes approximately 3 months.

I am not aware of any other projects carried out by Astaldi which utilized an ICS for the purpose as proposed in Labrador, but this process is not uncommon for projects in Canada.

It should also be noted that an ICS is simply a temporary steel structure not different than any steel building, warehouses,...

Hope this will clarify this topic.

Thank you

***Georges Bader***

***Deputy Project Manager, P. Eng., M.Eng.***

Lower Churchill Project

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