

**Name: Vern Ruskin**

**BCUC INQUIRY RESPECTING SITE C**

**F 26-6**

**Date: October 01, 2017**

**Subject: BCUC Site C Inquiry --- Safety and Best Value follow up - Ruskin**

**Dear Mr Wruck and Ms Erica Hamilton**

**Further to my submission F-26-4 and Mr Van Dyk talk in Vancouver on Sept 23, I am attaching this file**

**I feel concerned enough to send you this follow up letter.**

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**Vern**

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**VERNON RUSKIN** , PhD,MCom,BSc,Retired PEng (BC) ,PE(WA) Numbered Author

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RE

i Site C dam Safety

ii Mr. VanDyk's submission transcript of Sept 23, 2017 at BCUC Public meeting

iii Dr V Ruskin's earlier submission F-26-4,

### **Dear Commission Secretary Mr. Wruck and Dear Erica Hamilton**

Further to my earlier submission F26-4 and the verbal submission by Mr. VanDyk, page 89 of the transcript of the Public Meeting on Sept 23, 2017

The recent failure of a somewhat similar earth filled dam in Puerto Rico has doubled my concern.



An aerial view shows damage to the Guajataca Dam in the aftermath of Hurricane Maria, in Quebradillas, Puerto Rico. (Alvin Baez/Reuters)

This is not just a matter of money or of politics but human lives are at stake and I worry.

It is absolutely imperative to do whatever is possible to double check the Safety of all people downstream of the proposed Site C dam.

Today I had a chance to discuss the Site C dam construction failures, with a colleague who has experience in a major construction company and he agreed that there is no question the matter needs to be checked out by expert engineers and geologists.

I'm also concerned because BC Hydro has expended a lot more money (to repair failures than expected) to repair the failures to date which is a bad sign.

## Conclusion

With all due respect I repeat, I believe BCUC, and inquiry chairman Mr Morton, would be ethically, morally and possibly legally, responsible and feel terrible if the later occurred any damage to residents (including First Nations)' life, health and property caused downstream of the current Site C dam, whether through defects or negligence in, design, construction, or due to storms, floods, rain, mudslides or earthquakes if the current Site C Dam a) continues or b) is suspended and restarted later.

I respectfully submit again it is imperative and fully justified for BCUC and inquiry chairman Mr. Morton to order immediately that both Dam designs #1 and #2 be reviewed by top engineers and geologists outside of BC, to ensure

- 1 The Safety of all residents (including First Nations) in communities living downstream of the Site C dam and
- 2 BCUC is the one and only protector. And as Trustee of BC Hydro's Captive rate payers and all people in connection with the dam construction by BC Hydro.