

1 **Q. Re: B-7, Upgrade Marine Terminal – Holyrood \$5,859,600 in 2012**

2 In considering worker safety at the Holyrood Marine Terminal and noting that the
3 Holyrood Terminal Generating Station would be decommissioned in 2020, should
4 the Labrador Infeed be sanctioned and constructed on schedule, has Hydro
5 investigated other less expensive alternatives to meeting the safety issues (e.g.
6 replacing light bulbs on a more frequent schedule while taking advantage of better
7 weather conditions)?

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10 **A.** Pages B29, B30 and B31 of the Upgrade Marine Terminal Report indicate that the
11 three life safety risks consist of: Emergency Evacuation; Man Overboard; and
12 Lighting Upgrades. Where possible the risks have been mitigated through the
13 implementation of operational procedures which are to be followed during the
14 completion of specific tasks. While less expensive alternatives were considered for
15 applications where equipment installation and/or modifications were required the
16 proposed mitigation measures were deemed to be essential.

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18 At present, there is no means of egress from the jetty to the water in the event that
19 an emergency evacuation is required. The proposed installation of two fixed
20 platforms at separate ends of the jetty will mitigate this risk. Furthermore, the
21 platforms can also serve as a means of egress for rescue personnel in the event of a
22 man overboard situation.

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24 While there are less expensive alternatives to installing new light fixtures, i.e.
25 replacing the light bulbs at a more frequent schedule while taking advantage of
26 better weather conditions, the process of changing out the bulbs is difficult in all
27 weather conditions. The height of the light fixtures requires the use of a bucket

1 truck to complete the work. Accessing the jetty in the truck and getting set up to
2 complete the changeover in itself poses a risk. By increasing the frequency in which
3 the bulbs are replaced we are, in effect, placing workers in a position of increased
4 risk on a more frequent basis.