

1 **Re: 2009 Capital Plan, p. 15 - Installation of Low No_x Burners**

2 Q. The following appears at page 15 of NLH's Capital Plan;

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4 "Install Low NO_x Burners (2010 – 2013): In recent years Hydro has reduced
5 the stack emissions from the Holyrood facility by burning fuel with lower
6 sulphur content. This cleaner fuel does not reduce NO_x emissions (oxides of
7 Nitrogen) emissions (*sic*). It is anticipated that Hydro may be required to
8 address its NO_x emissions" regardless of whether the Lower Churchill project
9 is sanctioned in 2009."

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11 a) What is the basis for NLH's conclusion that it may be required to address
12 NO_x emissions, regardless of the status of the Lower Churchill infeed?

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14 b) Does NLH anticipate that it will become subject to a legislative
15 requirement to address these emissions within the next five (5) years, and if
16 so, why?

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18 c) Have any reports been produced which address the public health effects
19 of these emissions?

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21 d) If the answer to (c) is in the affirmative, please provide a copy of same.

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24 A. This project has been included in the "Five Year Plan for Holyrood" section of
25 the 2009 Capital Plan tab of the 2009 Capital Budget Application to illustrate
26 the nature of work which Hydro anticipates will be required in the near future.
27 The project will be formally submitted for approval in the 2010 Capital Budget
28 Application and will be described in detail and fully justified at that time.

1 Hydro anticipates that this project will be required to address current
2 regulations concerning NO_x emissions which, although not a significant issue
3 at this time, will become an issue as a result of increasing production from
4 the Holyrood Thermal Generating Station to supply growing residential and
5 commercial demand, new large industrial facilities such as the INCO Long
6 Harbor plant, and the proposed new refinery or proposed expansion of the
7 existing refinery.