

1 Q. *Refurbish Penstock 2, Bay d'Espoir Generating Station, March 3, 2017, Appendix B –*
2 *Penstock 2 Inspection Report, Page 19.*

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4 *“Kleinschmidt’s inspection in June 2016 was a visual inspection only of the welds and*
5 *there were no overt indications of cracking occurring in the penstock. With the*
6 *microscopic cracking occurring in Penstock No. 1, Kleinschmidt’s inspection does not*
7 *preclude the same happening in Penstock No. 2. For that reason, we recommend*
8 *that NL Hydro complete a detailed weld investigation within Penstock No. 2 in*
9 *2017.”*

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11 Following the Kleinschmidt inspection in June 2016, has Hydro conducted any
12 further inspections or analysis of Penstock 2 to assess its condition and determine
13 whether refurbishment is necessary?

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16 A. The June Kleinschmidt inspection of Penstock 2 occurred after the initial weld
17 failure in May 2016 of Penstock 1 but before the second weld failure in September
18 2016, which was when the severity of the issue was fully realized. Penstock 1 was
19 out of service from September 14 to November 30, 2016, for refurbishment; system
20 generation requirements would not allow for an outage on Penstock 2 to perform
21 this detailed assessment prior to the planned outage to complete this proposed
22 work in 2017. Therefore, following the Kleinschmidt inspection of Penstock 2 in
23 June 2016, Hydro was not able to conduct a further detailed weld inspection on
24 Penstock 2.