

1 Q. **Project C-33, Upgrade Gas Turbine Plant Life Extension – Stephenville**

2 On page 6 of the report filed at Volume II, Tab 14, Hydro states that the items to be
3 completed in 2014, and referenced to Source 1, are justified by the Stantec report
4 and then provides justification for the other items on pages 9-10. Has Hydro
5 considered simply completing the Source 1 items at this time?

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8 A. Yes, Hydro has considered simply completing the Source 1 items at this time but has
9 determined it is not reasonable.

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11 Because of the volume of work to be completed under the plant life extension
12 program, and the limitations for scheduling plant outages which are necessary to
13 complete much of the work, the work has to be carried out over three years (2014,
14 2015 and 2016). The scope of work in each year is limited by the constraint of the
15 plant outage period (from May to September) as most of the work items will
16 require equipment shutdown. Therefore, Hydro scheduled each work item to be
17 completed in a specific year based on its priority. The work items (referenced to
18 either Source 1 or Source 2) that have the major contribution to the plant reliability
19 have been given priority for completion in 2014.

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21 Another factor that played a role in selecting the work items to be completed in
22 each year is similarity of work to take advantage of efficiencies in completing it
23 during a common time period. For example, the electrical and instrumentation
24 work items have been scheduled in 2015. The steel structure work items have been
25 scheduled in 2016. This approach will facilitate the management, tendering and
26 execution of that work in a more efficient and cost effective manner.