

1 Q. Reference: Purchase Spare Transformer Paradise River, Volume II, Tab 12,
2 Page 5
3 *"The spare unit would be stored at the Bishop's Falls Warehouse on a new*
4 *concrete pad. Upon arrival of the transformer to the Bishop's Falls Warehouse,*
5 *the transformer will be dressed, filled with oil, appropriately tested and set up for*
6 *long term storage."*

7 Has Hydro considered replacing the existing transformer at Paradise River with the
8 proposed spare transformer rather than placing it in storage as a spare? Please
9 provide details of these considerations.
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12 A. The loss of the transformer at Paradise River would result in lost generation until it
13 is replaced. The existing transformer has shown signs of deterioration and based on
14 an estimated degree of polymerization (DP) of 628, this transformer is 46 percent of
15 the way to end of life. As the transformer could last for several more years, Hydro
16 has decided it would continue to keep it in service and monitor its condition on a
17 regular basis.