

1 Q. At page 3 of his supplemental evidence, lines 7-8, Mr. Henderson states that
2 it is “prudent to use and reflect all reliable inflow records in determining
3 average hydraulic generation”. Has Mr. Henderson conducted any studies to
4 determine the accuracy of the inflows imputed for the 1950’s?
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6 A. Inflows calculated for periods prior to project construction were developed
7 using well-established hydroelectric design principles. Gauged streams used
8 in the development of inflow records for the Bay D’Espoir, Hinds Lake, and
9 Cat Arm hydroelectric developments were:
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- 11 ▪ Salmon River (starting in 1949);
 - 12 ▪ Grey River (starting in 1958);
 - 13 ▪ White Bear River (starting in 1964);
 - 14 ▪ Exploits River (starting in 1928);
 - 15 ▪ Upper Humber River (starting in 1929);
 - 16 ▪ Torrent River (starting in 1959)
 - 17 ▪ Hinds Lake Brook (starting in 1956); and
 - 18 ▪ Cat Arm River (starting in 1968)
- 19

20 With respect to the 1950’s, the development of inflow records for the above
21 projects is considered to be reliable, as reliable streamflow gauging data was
22 present for all hydroelectric projects, and correlations for the developments
23 compared to adjacent gauged rivers were high. This information was
24 considered to be reliable at the time, as large financial commitments were
25 made based upon this information.