

1 Q. At page 2 of the Executive Summary provided by System Improvements, Inc.
2 (Appendix A), it is stated that "the weekly online test program, although regularly
3 executed, did not detect that the DC pump was not delivering sufficient pressure".
4 At page 2 of Hydro's own report in support of the Application, it is stated that the
5 weekly test procedure has been "enhanced". Please provide details of the
6 enhancement(s) which would detect such failures in the future.

7
8
9 A. The original equipment manufacturer guidelines provide instruction for testing the
10 DC lube pump at the lube oil tank, located on the first floor of the Holyrood plant.
11 The instructions do not speak to testing at the generator bearings, located on the
12 third floor of the Holyrood plant. The weekly test procedure has been modified to
13 take advantage of electronic pressure transmitters that are in place in the
14 lubrication piping within the turbine-generator itself. All future testing will monitor
15 the output of this transmitter, providing an indication of the conditions at the
16 turbine bearing elevation.