Q. At page 2 of the Executive Summary provided by System Improvements, Inc. (Appendix A), it is stated that "the start-up procedure used to test the DC oil pump lacked sufficient steps to verify pressure and flow to the bearings" and that "displays of pressure where the test was performed could be improved".

(i) When is the last recorded date that Hydro positively tested the pressure which would be provided by the DC oil pump to Unit 1, prior to January 11, 2013?

(ii) Have improvements been identified to verify pressure and flow to the bearings and are these improvements being implemented?

(iii) Have improvements been identified to display pressure when its weekly online test program is carried out and are these improvements being implemented?

A. (i) The weekly test procedure for the Unit 1 DC lube oil tank was performed on January 10, 2013, but as explained previously, did not test the pressure. Hydro is currently analyzing its historical data to identify when adequate pressure was evident.

(ii) Please see the response to IC-NLH-5.

(iii) Yes. The feedback from the electronic transmitter that is installed within the lubrication piping on the turbine-generator itself is available to plant operations via the DCS (Distributed Control System), the main control

system for the Holyrood plant. Dedicated displays have now been created and are being monitored by plant operations as part of the weekly tests.