Q. Reference: GRK-NLH-068: The responses indicate that studies will be required in 1 2 the 2015/2016 timeframe to review the case for a bipolar trip of the LIL and demonstrate the proposed load shedding schemes. The responses indicate the 3 2015/2016 studies will include the detailed PSS/e and PSCAD models that have 4 5 been validated and provided by the HVdc vendors. Will Hydro also use PSS/e and 6 PSCAD models, validated by the various vendors, for the synchronous condensers 7 and generating units? 8 9 10 The existing PSS®E and PSCAD™ models of the synchronous condensers and A. 11 Muskrat Falls generators are based upon the manufacturers' design calculations. Following construction and installation of the synchronous condensers, generators, 12 13 turbines, governors and excitation systems, the equipment will be tested in 14 accordance with industry standards. The results of the commissioning tests will be 15 used to update the models of the equipment for future power system simulation

studies post project completion.

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