

1 Q. Appendix A, page A-9: In its report Babcock & Wilcox listed four measures that can
2 prevent the reoccurrence of unit de-rates caused by fouling. What steps have been
3 taken to ensure these measures are adopted by Hydro?
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7 A. Hydro has taken steps to address each of the four measures that can prevent the
8 reoccurrence of unit de-rates caused by fouling, as identified in the Babcock &
9 Wilcox report as follows:

10 1. Maintaining average cold end temperature: There were two Unit 3 steam
11 coil air heaters found to be leaking during this past operating season. This
12 impacted the ability to achieve the target cold end temperature. These
13 steam coils will be replaced this maintenance season prior to next winter.

14 2. Reinstating use of Magnesium Oxide (MgO) dosing system: MgO fuel
15 additive has been ordered and delivered to the Holyrood site and dosing
16 equipment has been verified. The three units will return to service after
17 completion of annual overhauls with MgO dosing in service in accordance
18 with Babcock & Wilcox recommendations.

19 3. Increasing fuel atomization temperature to ensure proper atomization and
20 combustion: Hydro has reviewed the operating procedure regarding fuel
21 atomization temperatures with B&W and determined that the Unit 3 fuel
22 temperature requires a small increase. The procedure has been revised to
23 accommodate this change and is currently going through the internal review
24 process. It will be in place prior to Unit 3 returning to service after
25 completion of the annual summer overhaul.

26 4. Ensuring sootblowing steam is dry: Hydro has already made operational
improvements to ensure the sootblowing steam is dry. This involves leaving

- 1 sootblower system drain valves open during pre-warm and sootblowing so
- 2 that condensate is automatically removed from the system.