

1 Q. **Upgrade Excitation Systems Units 1 and 2 (C-22; Tab 9 of Volume 2)**

2 Why would not replacing one of the existing exciters with the new Unitrol 6080 and
3 using the removed controls as spare parts for the other unit and/or augmenting the
4 spare parts inventory provide a viable alternative to the purchase of two new
5 Unitrol 6080 control panels?

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8 A. Holyrood Units 1 and 2 are the largest generating units on the Hydro system. A fully
9 functioning exciter is critical for reliable operation of the unit. The removed controls
10 would have been in service for a minimum of 14 years and subjected to age related
11 failure. Spare parts inventory could be increased but if they are consumed within
12 the remaining operating period for Units 1 and 2 other parts may not be available,
13 when needed, from ABB Inc.

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15 The purchase of two new Unitrol 6080 control panels is based on having two fully
16 supported and reliable exciters on Units 1 and 2 due to the importance of these
17 units.