

1    Q.    **Re: Project B-5 Unit 1 and Unit 2 Generator Stator Rewind**

2            At page 20 of the July 2011 report supporting this Project, Hydro posits possible  
3            damage to the stator core and rotor that could occur in the range of \$13 million to  
4            \$20 million. At page 21, Hydro posits a \$10 million damage event in the case of an  
5            in-service failure. Have these risks been reduced by the installation of improved  
6            stator ground fault protection (per page 9 of the July 2011 report, and page D2 of  
7            Appendix D)?

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10    A.    Yes, stator ground fault detection relays have been installed on all three Holyrood  
11            generators in 2008. The additional protection would more quickly detect and  
12            respond to a stator ground fault, thereby reducing consequential damage.