

1 Q. Re: Unit 3 Turbine Valves Overhaul, Tab 6:  
2 At Appendix A, Unit 3 Valve Inspection printed October 11, 2010, at page 87, it is  
3 noted that there was a heavy amount of corrosion from the pressure side gland to  
4 both the vacuum gland and the vertical joint where the packing case meets the LB  
5 Hood. Has the cause of the corrosion noted been determined, and does Hydro  
6 have any means of preventing same in the future?

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9 A. The corrosion was caused by a steam leak as a result of deformations in the upper  
10 packing casing. The upper half cases were sent to a General Electric repair shop in  
11 Pittsburgh, Pennsylvania and the deformations were removed by machining. The  
12 packing cases on return to Holyrood were hand dressed to achieve contact as per  
13 industry standards, thus preventing future steam leaks. The packing case surfaces  
14 are always checked now for flatness as a preventative measure to avoid leaks.