

1 Q. **Tab D, 2014 Capital Projects \$200,000 and over but less than \$500,000:**

2 **Explanations – Upgrade Generator Bearings Unit 2, p. D-34**

3 At p. D-44, Voith Hydro outlines that inspection below the rotor on Unit 2 revealed  
4 that no action was taken to clean diamonds of the coils since the last inspection  
5 which was in October of 2011. What actions are supposed to be taken by Hydro to  
6 clean the diamonds of the coils between inspections and why was it not done?

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9 A. Hydro typically performs a thorough cleaning of the entire stator winding when the  
10 rotor is removed during the unit overhaul which occurs on a six year frequency.  
11 Typically, the accessible parts of the stator winding (i.e., the end windings or  
12 diamond coils) are wiped clean annually if required. The October 2011 Voith  
13 inspection was a short inspection specifically to troubleshoot a partial discharge  
14 (on-line condition monitoring) concern with the new winding. This inspection by  
15 Voith occurred between Hydro's annual maintenance periods for this generator.