

1 Q. Reference: Gas Turbine Failure Analysis - Final Report, January 11, 2017,  
2 Performance Improvements (PI) Limited Report, page 6 of 21. PI indicates that the  
3 Stephenville lube oil pressure filter is made of a larger mesh than industry standards  
4 by a factor of 50, and hence susceptible to allowing material through more readily.  
5 Please explain why a finer filter was not in place and the length of time that the  
6 Stephenville CT has used this size filter.

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9 A. The lube oil pressure filter referred to by PI is a part of the on-engine lube oil  
10 system and is part of the original design of the Olympus gas turbine. This filter is  
11 inspected and replaced as required as part of an overhaul by the overhaul facility,  
12 most recently in this case, Alba Power in 2014. A suggestion to change this filter to a  
13 finer mesh was not part of that most recent overhaul. Further, Hydro would not  
14 proceed with any change to an aspect of the original engine design without original  
15 equipment manufacturer direction.