

1 Q. What steps will be taken in the design of the converter station to minimise
2 prospective long term outages as a consequence of a fire in the control room, in the
3 control building, in the neutral area, or in the valve halls?
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6 A. Numerous actions will be taken to minimize the risk of fire in the converter stations,
7 including:
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9 a) The use of combustible building materials and equipment will be minimized
10 in the converter buildings;

11 b) Fire rated walls will be provided between valve halls and associated control,
12 telecom and battery rooms;

13 c) Fire rated walls will be provided between the two poles at each converter;

14 d) Support systems for each pole will be housed in segregated rooms;

15 e) Fire protection systems will be provided for critical equipment rooms,
16 including the telecom and protection and control rooms; and

17 f) Firewalls will be provided between the converter transformers.
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19 FM Global, Hydro's insurer, has also been consulted and its recommendations will
20 be incorporated into the building design.