

1    Q.    **Re Replace Fuel Storage Facility - Postville (B-45)**

2            At p. B-46 it states that Hydro is forecasting a 413,700 litre storage requirement for  
3            2010-11 and a 513,600 litre storage requirement by the end of the 25 year forecast.  
4            Why is a 600,000 litre storage capacity being proposed?

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7    A.    A total 600,000 litres of storage capacity is being proposed because a 300,000 litre  
8            capacity vertical storage tank is a standard size tank used by Hydro. The limited  
9            amount of space on site to construct the dyke and tanks limits the diameter of the  
10           tank. Hydro has typically used a 7.3 metre diameter tank at 7.3 meter height to  
11           achieve the 300,000 litre capacity. The height is chosen because a full sheet of steel  
12           is 2.43 metres in length, therefore three full sheets give the required height. The  
13           diameter could have been reduced slightly but the cost difference would have been  
14           negligible.