

1 Q. **Re: Holyrood: Upgrade Unit 2 Stack Breeching (Tab 7)**

2 Explain the basis for assuming a 4 week forced outage being experienced from a
3 complete failure of the breeching support structure in the near future in Alternative
4 4 at page 19.

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7 A. If a stack breeching support structure on Unit 2 failed due to continued
8 deterioration, because the breeching system was allowed to remain in operation in
9 accordance with the status quo alternative (Alternative No. 4 in the report), to the
10 point that the support collapsed, a large portion of the stack breeching would suffer
11 irreparable damage and have to be replaced. Unit 2 would undergo a forced outage
12 because it would not be able to operate with collapsed stack breeching. It is
13 estimated that in the event of a catastrophic failure, a new stack breeching support
14 structure and new stack breeching sections could be installed within a four-week
15 period under an emergency situation. The estimate assumes that materials would
16 be readily available at the time of the failure and construction work would not be
17 delayed due to adverse weather conditions. Based on the aforesaid assumptions, it
18 is Hydro's judgement that in an urgent circumstance four weeks is a realistic time
19 frame to complete the work and bring Unit 2 back into service.