

1 Q. **D-289; Volume I: Upgrade Control Wiring Phase 1 to Terminal Station 1**

2 Please explain why the repair of the damaged Junction Box B was not a viable
3 option.

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6 A. The repair of the damaged junction box was not a viable option as it is anticipated
7 that such damage would reoccur since there are no expansion joints present to
8 prevent the shifting of conduits from cracking the base of the junction box.

9 Installing expansion joints would require all the cables to be temporarily

10 disconnected and pulled back from the junction box. As these cables are used for

11 “the controls and status of breakers and disconnects in the terminal station as well

12 as current transformer and potential transformer secondary circuits for protection

13 and metering”, disconnecting them all at once will require an outage that would not

14 be permitted by System Operations. The cables from the junction box to the

15 powerhouse are near the end of their service life and may not be suitable for

16 reconnection once they are disconnected and condition assessed.