Procedure for simulating the effect of a design change in ADePT Design Builder

Step	Description
1	In the matrix view (View Sequence tab), make sure the sequence is optimised.
2	Select the activity which represents the start of the rework associated with the change, right click on it and select Move to Position …
3	Enter the sequence number where the activity is to be placed – usually equal to the last number in the sequence.
4	Select Resolve Conflicts.
5	Tear dependencies only where the change **will not have an effect** on the subsequent activity (the consumer).
6	Apply decisions and record justifications for tears.
7	Note that the activity which was previously analysed now had no further conflicts since all torn dependencies have been reclassified 'nice-to-have' and activities associated with untorn dependencies have been moved and anchored below the original activity.
8	Select another activity which is now in the list of conflicts. Repeat the process above (5 & 6) for all activities with conflicts.
9	Do not stop this process until all conflicts have been resolved or until the same activities, conflicts and potential tears are arising repeatedly – this is a sign that locked activities are in an iterative block (i.e. are interdependent) and will be evident because the activity list on the left-hand pane is not getting any longer (but activities are moving around within it).
10	Close the Conflict Resolution dialogue box.
11	Make a note of all locked activities which have already been started – only ignore activities which are 0% complete.
12	Use Advanced Copy Wizard (Edit Activities tab) to copy all of the activities noted in step 10, and copy them to a new branch called 'Change Request' or similar.
13	Rename the copied activities as necessary e.g. Building Layouts renamed as Revise Building Layouts to Incorporate Change.

Step	Description
14	Select dependencies to link to copied activities (successors).
15	Amend the duration of the copied activities – they may take less time than they originally did.
16	Go back to the matrix and select 'Clear All Locks', then Optimise again.
17	Save at this point!
18	Synchronise the .aml file with the bar chart file and impose changes onto the bar chart.
19	Assign a start date for the first activity in the change (the one originally copied in step 2 and renamed in step 12), or simply reschedule the bar chart.