

```

; finishes stepping for the current excavation step
; and continues following excavation steps
;
def cont_excav
  rest_step = 3000*(step/3000+1)-step
  if rest_step = 3000 then
    rest_step = 0
  end_if
  command
    step rest_step
  end_command
;store displacements in tables
  xtable(1,cut) = 3.0 * cut
  ytable(1,cut) = zdisp(ipt_surf)
  xtable(2,cut) = 3.0 * cut
  ytable(2,cut) = zdisp(ipt_crown)
  xtable(3,cut) = 3.0 * cut
  ytable(3,cut) = zdisp(ipt_spring)
  command
    save m1.sav
  end_command
  if cut=10 then
    command
      save m1_30.sav
    end_command
  end_if
excav
end

```