Critical variables

FZERO If the fraction of active cells having no particles exceeds FZERO, then if *MOC* or *MOCIMP* is active, program will automatically regenerate an initial particle distribution before continuing the simulation. If the *MOCWT* or *MOCWTI* options are active and this criteria is exceeded, the simulation is terminated and a list of the cells with zero particles is printed to the end of the main output file. The format for this list is compatible with the input for starting locations in MODPATH (*reference*?). One possible solution to this problem is to use MODPATH to track particles from these locations backwars to their source cells, and then increase the number of particles per node at those cells and re-run the simulation. Typically, 0.01 ≤ FZERO ≤ 0.10. However, to ignore this criteria for *MOCWT* or *MOCWTI* simulations (or for "debugging model runs in which completion is more important than accuracy), specify FZERO = 1.0. Do not specify if *ELLAM* is active.

NZCRIT internal variable that represents FZERO times the number of active cells.   
 D:\MocwtSrc\gwt1mov6.f(1471): NZCRIT=INT(FZERO\*NACTIV)  
 D:\MocwtSrc\ptwt1.f(541): NZCRIT=INT(FZERO\*NACTIV)

Gwt1mov6 line 957 **IF**(NZERO.GT.NZCRIT) **THEN**

In subroutine MOVEWT Move\_weight.f line 4659 **IF**(NZERO.GT.NZCRIT) **THEN**