How to terminate NL iterations?

Typically 4 ways:

- 1) fixed (max) NL iterations
- 2) NL weak residual must decrease (from start based on initial guess), so a tolerance can be used (e.g., 'IIG_All < atol' or scaled 'IIG_All < rtol')
- 3) check on update and terminate if update/'del' is below a tolerance (del_atol or del_rtol)
- 4) ... stalling