Seismic Design Categories

Code: 2012 NC Residential Code
Section: Figure R301.2(2)

Question:
What is the Seismic Design Category (SDC) for counties not listed in the “continued” portion of Figure R301.2(2)?

Answer:
Counties not listed in the “continued” portion of the figure are either Seismic Design Category A or B as the North Carolina Residential Code does not classify any counties in North Carolina as SDC D. Furthermore, since the NC Residential Code (NCRC) has no seismic requirements for either SDC A or B it is inconsequential as to whether a county is SDC A or B.

Also, the exception in Footnote b of Figure R301.2(2) exempts detached one- and two-family dwellings from all seismic requirements of the NCRC. So, SDC C requirements of the NCRC only apply to townhomes.

Keywords:
earthquake