

Figure 1. Source areas defined for non-characteristic events are indicated by the polygons.

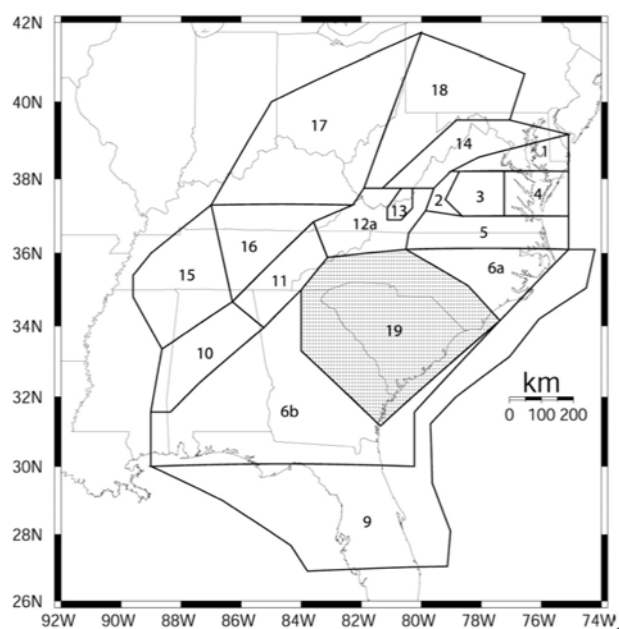


Figure 2. Alternative source areas defined for non-characteristic earthquakes. The source area including South Carolina and adjacent parts of surrounding states was modeled using the smoothed seismicity grid values of Frankel et al. (1996) as an alternative to the source area definition shown in Figure 1.

Source: SC DOT (2003)

Progress Energy Carolinas  
**Shearon Harris Nuclear Power Plant**  
**Units 2 and 3**  
**Part 2, Final Safety Analysis Report**

New Hill, North Carolina

SC DOT Seismic Source Zones

FIGURE 2.5.2-211

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