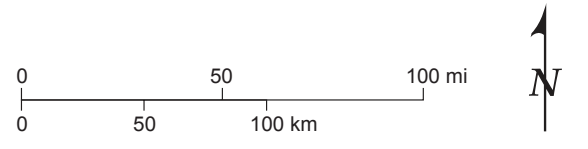


- Explanation**
- Paleozoic faults (Hibbard et al. 2006)
  - Mesozoic faults (Hibbard et al. 2006)
  - Cenozoic faults
  - Cenozoic faults (Prowell, 1983)
  - CPSZ** Central Piedmont shear zone
  - Eastern Piedmont Fault System (EPFS)
  - Faults of the EPFS in the Coastal Plain (Hatcher et al. 2007)
  - Ocoee Lineament (Johnston et al. 1985)
  - Clingman Lineament (Johnston et al. 1985)
  - Grenville Front (Van Schmus et al. 1996)
  - Appalachian Thrust Front (Wheeler 1995)
  - NW and SE boundary of lapetan normal faults (Wheeler 1995, 1996)
  - Appalachian gravity gradient midline (Wheeler 1996)
  - East Coast Fault System
- 
- Mesozoic basin
  - ① Jedburg basin
  - ② Riddleville basin
  - ③ Dunbarton basin
  - ④ Florence basin
  - Deep River basin
  - ⑤a Wadesboro sub-basin
  - ⑤b Sanford sub-basin
  - ⑤c Durham sub-basin
  - ⑥ Danville basin
  - ⑦ Farmville basin
  - ⑧ Richmond basin



WLS COL 2.5-1

WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2

Site Region Tectonic Features

FIGURE 2.5.1-209 Rev 1