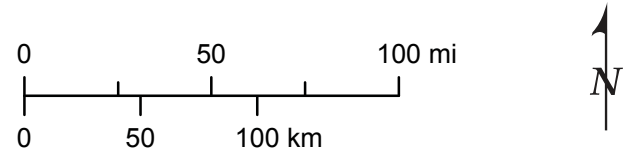


- Explanation**
- Paleozoic faults
 - Mesozoic faults
 - Cenozoic faults
 - Cenozoic faults (Prowell 1983)
 - Longtown fault (Secor 1998)
 - CPSZ** Central Piedmont shear zone
 - Ocoee Lineament (Johnston et al. 1985)
 - Clingman Lineament (Johnston et al. 1985)
 - Grenville Front (Van Schmus et al. 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
 - New York-Alabama lineament (King, 1998; King and Zietz, 1978)
 - Mesozoic basin
 - ① Jedburg basin
 - ② Riddville 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 2