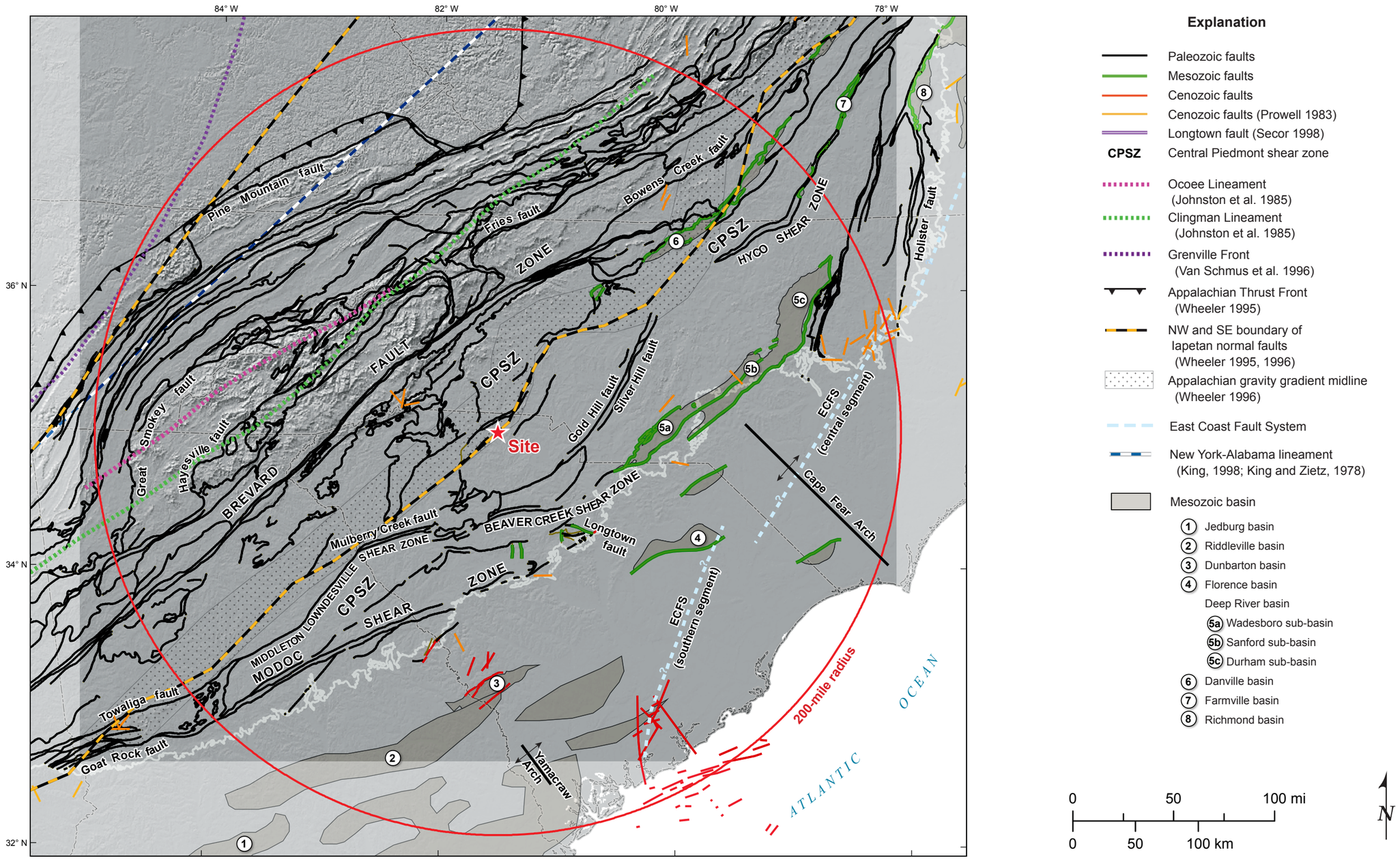

Explanation

- 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 Iapetan 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) 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

0 50 100 mi

0 50 100 km

N

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