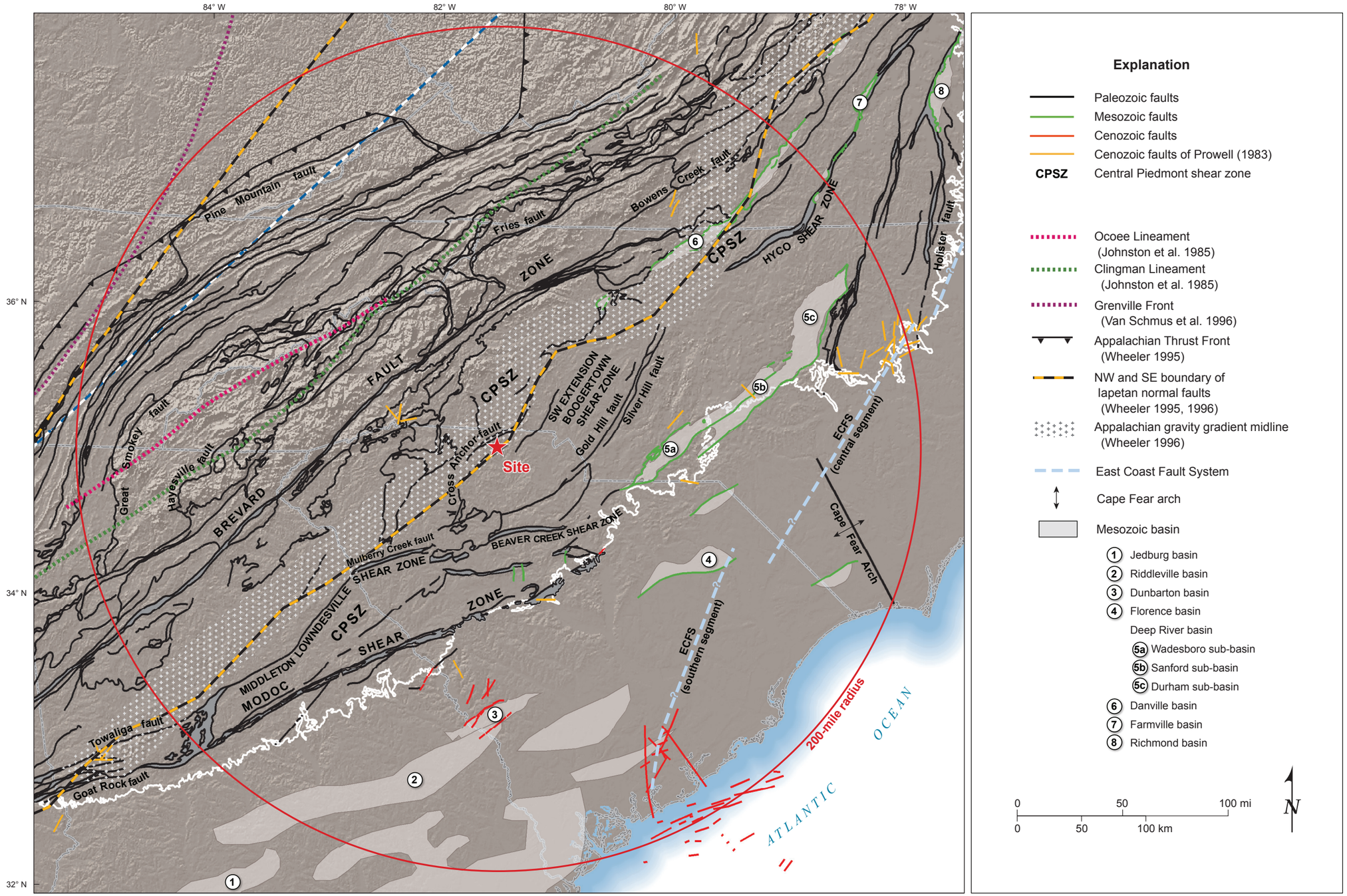

Explanation

- Paleozoic faults
- Mesozoic faults
- Cenozoic faults
- Cenozoic faults of Prowell (1983)
- 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
- Cape Fear arch
- 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 0