

LEGEND

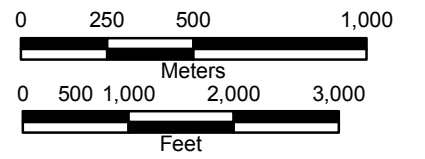
- Proposed AP1000 Structures
- HNP
- 1 km (0.6 mi.) Radius from Site
- Railroad
- Highway
- Roads
- Faults (dashed where inferred, dotted where concealed)
(Ebasco, 1975, CP&L, 1983, NCGS, 1985, Wooten et al., 1996, Harding Lawson, 1997, NCGS, 2006, and Technos, this study)
- HF - Harris Fault
- SBPF - South Borrow Pit Fault
- W8 - W8 Fault
- W82 - W82 Fault
- Point Fault (NCGS, 2006)
- FPL - Fire Pond Lineament
- Dikes (dashed where inferred) (CP&L, 1983, NCGS, 1985, NCGS, 2006)
- Dikes (dashed where inferred) (Technos, this study, and Geomatrix filed investigations, June 2006)
- Strike and Dip of Bedding (NCGS, 2006, and this study)

Geologic Units (see Figure 2.5.1-231, Sheet 2 for Unit Descriptions)

- 25 Thickness of Fill (ft.)
- Qal
- Trcs/si2
- Trcs/s
- Trcs

Grid is in the NAD 83 North Carolina State Plane Coordinate System (feet)

Base Map: Shaded Relief Map from LIDAR (NC DOT, 2005)



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

Site Location Geologic Map
 (1-km [0.6-mi.] Radius)