

N
W
E
S

LEGEND

Proposed AP1000 Structures

HNP Unit 1

1-km (0.6-mi.) Radius from Site

Railroad

Highway

Roads

LIDAR Lineaments (this study)

FPL - Fire Pond Lineament

Faults (dashed where inferred, dotted where concealed)
(Ebasco, 1975, CP&L, 1983, NCGS, 1985, Wooten et al., 1996, Harding Lawson, 1997, and NCGS, 2006)

HF - Harris Fault
SBPF - South Borrow Pit Fault
W8 - W8 Fault
W82 - W82 Fault

Point Fault (NCGS, 2006)

Dikes (dashed where inferred)
(CP&L, 1983, NCGS, 1985, NCGS, 2006, and Technos this study)

Strike and Dip of Bedding

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

25

Thickness of Fill (feet)

Qal

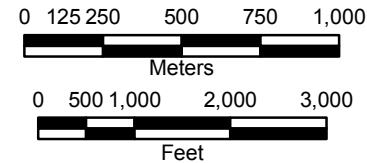
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Base Map: Shaded Relief Map from LIDAR (NC DOT, 2005)

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



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

Geologic Map of the Site Location
(1-km [0.6-mi.] Radius)
FIGURE 2.5.3-206