



**LEGEND**

Proposed AP1000 Structures

HNP

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

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

Dikes (dashed where inferred)  
(CP&L, 1983, NCGS, 1985, Wooten et al., 1996, and Technos, this study)

**Soil Map Units (USDA, 1970, and Wake County GIS Mapping Services, 2007)**

	Au	Augusta Fine Sandy Loam, 0-4% Slopes
	CrB	Creedmoor Sandy Loam, 2-6% Slopes
	CrB2	Creedmoor Sandy Loam, 2-6% Slopes, Eroded
	CrC	Creedmoor Sandy Loam, 6-10% Slopes
	CrC2	Creedmoor Sandy Loam, 6-10% Slopes, Eroded
	CrE	Creedmoor Sandy Loam, 10-20% Slopes
	CtB	Creedmoor Silty Loam, 2-6% Slopes
	CtC	Creedmoor Silty Loam, 6-10% Slopes
	EnC	Enon Fine Sandy Loam, 6-10% Slopes
	Gu	Gullied Land
	WsB	White Store Sandy Loam, 2-6% Slopes
	WsB2	White Store Sandy Loam, 2-6% Slopes, Eroded
	WsC	White Store Sandy Loam, 6-10% Slopes
	WsC2	White Store Sandy Loam, 6-10% Slopes, Eroded
	WsE	White Store Sandy Loam, 10-20% Slopes
	Wy	Worsham Sandy Loam
	w	Pond
	Wo	Water

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

0 125 250 500  
Meters

0 250 500 1,000 1,500  
Feet

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

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

FIGURE 2.5.1-235