		Ma.	Orogeny	Plate Tectonic Process
Jurassic		144		Symmetrical Rifting and Opening of Atlantic
Triassic		208		
Permian		245 286	ALLEGHANIAN	Subduction Collision with Africa
Carb.	Pa	320	ACADIAN	Subduction Terrane Accretion
	Miss	360		
Devonian		408		
Silurian		438	TACONIC ////////////////// PENOBSCOT	A-Subduction Obduction Arc Collision/ Accretion
Ordovician		505		
Cambrian		570		Trailing Margin Development
Late Proterozoic		1000	AVALONIAN	Subduction Volcanic Arc Generation
Middle Proterozoic			GRENVILLE	Rifting and Opening of Iapetus

Source: Hatcher (1989)

Progress Energy Carolinas

Shearon Harris Nuclear Power Plant Units 2 and 3
Part 2, Final Safety Analysis Report

New Hill, North Carolina

Central and Southern Appalachian Tectonic Events

FIGURE 2.5.1-243