

	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		
Ordovician	505	TACONIC //////////////////// PENOBSCOT	A-Subduction Obduction Arc Collision/ Accretion
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