



Diagrammatic cross section showing general stratigraphic relationship among Cretaceous formations of the Cape Fear Arch

b)

	POLLEN ZONES	IMPORTANT MOLLUSCAN RANGE ZONES	WESTERN ALABAMA	CHATTA-HOOCHEE RIVER	CAROLINAS	NEW JERSEY
UPPER MAASTRICHTIAN	CA6/MA1	6 7 8	Prairie Bluff Chalk	Providence Sand	Peedee Formation	Tinton Fm Red Bank
	CA5B	3	Ripley Formation	Ripley Formation		Mount Laurel Sand
UPPER CAMPANIAN		CA5A	11 10	Bluffport Mbr.	Black Creek Group	Donoho Creek Fm.
	CA4	15	Demopolis Chalk	Cusseta Sand		Bladen Fm.
LOWER CAMPANIAN	CA3	14 13	Mooreville Formation	Blufftown Formation	Tar Heel Fm.	Englishtown Fm.
	CA2	4 9	Eutaw Formation	Eutaw Formation		Woodbury Clay
SANTONIAN	Vc	16	McShan Formation	Tuscaloosa Formation	Cape Fear Formation	Merchantville Fm.
	Va	12	Eutaw Formation	Eutaw Formation		Middendorf Formation
CONIACIAN		5				South Amboy Fire Clay

Correlation of the Carolina Upper Cretaceous formations

Source: Farrell et al. (2001)

Progress Energy Carolinas  
**Shearon Harris Nuclear Power Plant  
 Units 2 and 3  
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Cretaceous Stratigraphy of the  
 Carolina Coastal Plain

FIGURE 2.5.1-247 Rev. 1