

SYSTEM	SERIES	STRATIGRAPHIC UNIT		GEOLOGY AND LITHOLOGY	HYDROGEOLOGIC UNIT		
Quaternary	Holocene and Pleistocene	Undifferentiated surficial deposits		Sand	Surficial aquifer system		
	Pliocene						Cypresshead Formation
Tertiary	Miocene	Hawthorn Group	Bone Valley Member	Phosphate, clay, sand, limestone, and dolostone	Intermediate aquifer system or intermediate confining unit	Confining unit	
			Peace River Formation			Zone 2	
			Arcadia Formation			Confining unit	
			Tampa Member			Zone 3	
		Nocatee Member	Confining unit				
	Oligocene	Suwannee Limestone	Limestone and dolostone	Floridan aquifer system		Upper Floridan aquifer	Upper permeable zone
	Eocene	Ocala Limestone					Semi-confining unit
Avon Park Formation		Lower permeable zone					
	Oldsmar Formation	Limestone and dolostone with some intervals containing inclusions of gypsum and anhydrite	Middle confining unit	Middle semiconfining unit			
Paleocene	Cedar Keys Formation	Limestone and dolostone with beds of gypsum and anhydrite		Lower Floridan aquifer	Sub-Floridan confining unit		

Source: USGS SIR 2006-5320 (modified)

<p>Duke Energy Florida  <b>Levy Nuclear Plant</b>  <b>Units 1 and 2</b>  <b>Part 2, Final Safety Analysis Report</b></p>
<p>Relationship of Stratigraphic and Hydrogeologic Units in West-Central Florida  <b>FIGURE 2.4.12-203</b>      Rev 6</p>