

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
Eocene	Ocala Limestone	Semi-confining unit				
	Avon Park Formation	Limestone and dolostone with some intervals containing inclusions of gypsum and anhydrite			Lower permeable zone	
					Middle confining unit	Middle semiconfining unit
Oldsmar Formation	Lower Floridan aquifer					
Paleocene	Cedar Keys Formation	Limestone and dolostone with beds of gypsum and anhydrite		Sub-Floridan confining unit		

Progress Energy Florida
Levy Nuclear Plant
Units 1 and 2
Part 3, Environmental Report

Relationship of Stratigraphic and Hydro-geologic Units in West-Central Florida

FIGURE 2.3-16 Rev 0