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W

E

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**LEGEND**

LNP Site

320-km (200-mi.) Radius from Site

**ENTIRE BASIN**

Upper Triassic-Lower Jurassic or Middle Jurassic "red beds" and volcanic rocks directly below Mesozoic marine section

**CENTRAL GULF OF MEXICO**

Oceanic crust

**SOUTHERN GEORGIA, SOUTHERN ALABAMA, AND FLORIDA (SUWANNEE TERRAIN)**

Ordovician to Devonian sedimentary rocks

Upper Precambrian(?)–Cambrian felsic volcanic rocks

St. Lucie Metamorphic Complex (upper Precambrian(?)–Cambrian)

Osceola Granite (OG)(Cambrian) and other upper Precambrian(?)–Cambrian granitic rocks

Volcanic and ultramafic rocks along Suwannee-Wiggins Suture

**SOUTHERN U.S.A.**

Permian-Triassic intrusive granitic rocks

Permian

Upper Mississippian to mid-Pennsylvanian "flysch"

Upper Mississippian, Pennsylvanian

Cambrian to lower Mississippian

Silurian, Devonian

Cambrian, Ordovician

Talladega Slates (Appalachian province)

Lower Paleozoic low-grade metamorphic rocks (Ouachita Orogenic Belt and Wiggins Uplift)

Precambrian-lower Paleozoic high-grade metamorphic rocks and Paleozoic intrusive rocks (Appalachian province)

Precambrian crystalline rocks

Source: Salvador (1991)

0100200

Kilometers

050100

Miles

Duke Energy Florida  
**Levy Nuclear Plant  
Units 1 and 2**  
**Part 2, Final Safety Analysis Report**

Geologic Map of Pre-Cretaceous Rocks  
(320-km [200-mi.] Radius)  
**FIGURE 2.5.1-211**

Rev 6