

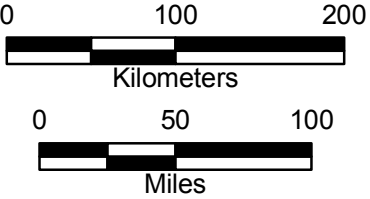
LEGEND

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)



Progress 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