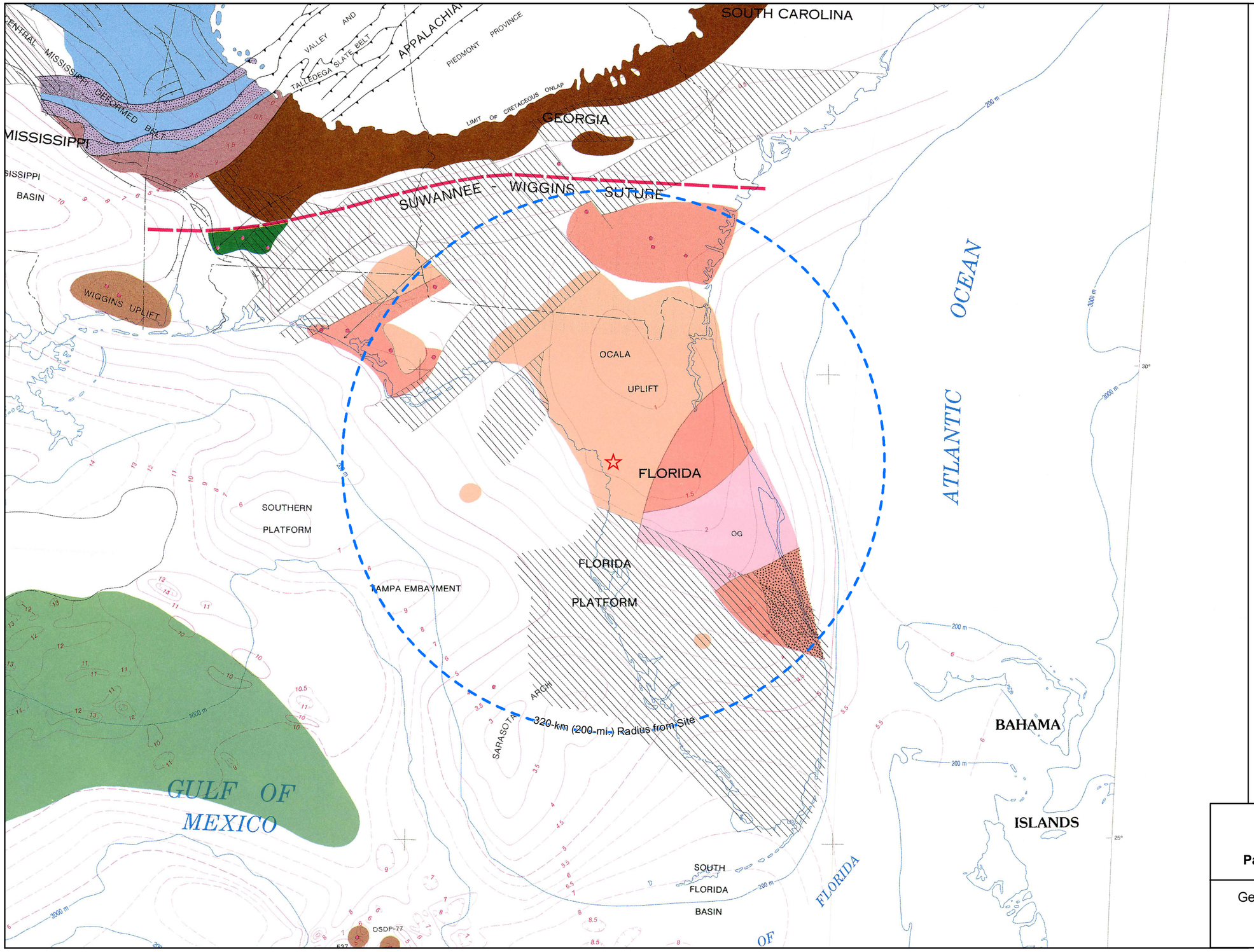

N
W E
S

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)

0 100 200
Kilometers

0 50 100
Miles

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

Rev 0