



N

W

E

S

**LEGEND**

★

LNP site

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8-km (5-mi.) Radius from Site

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40-km (25-mi.) Radius from Site

**Surficial geologic unit**

water

Water

ha

Holocene and late Wisconsin mangrove swamp deposits

hb

Holocene freshwater coastal marsh peat and clay

(mh)

Pleistocene and Pliocene coastal plain marine and alluvial sand

mb

Pleistocene and Pliocene beach and near-shore coastal plain marine deposits

rd

Cherty quartz sand solution residuum

re

Sandy solution residuum

zc

Decomposition residuum on sand and gravel on upland surfaces

zp

Silt, sand, and clay decomposition residuum

Source: Fullerton et al. (2003)

Base Maps: Topography from USGS NED (1999), and Bathymetry from NOAA Coastal Relief Digital Elevation Model (2007)

051015

Kilometers

0510

Miles

Progress Energy Florida

Levy Nuclear Plant

Units 1 and 2

Part 2, Final Safety Analysis Report

Site Vicinity Surficial Geology

(40-km [25-mi.] and 8-km [5-mi.] Radius)

Figure 2.5.1-246

Rev 0