



- LEGEND**
- ★ HAR Site
 - ▲ Sears No. 1 and Groce No. 1 Wells (Bain and Brown, 1981)
 - City or Town
 - 8-km (5-mi.) Radius from Site
 - 40-km (25-mi.) Radius from Site
 - Resistivity Lines (Bain and Brown, 1981)
 - Seismic Reflection Line 85SD12 (Texaco, 1993)
 - Shot Point Number (Texaco, 1993)
 - Paleozoic Faults
 - Mesozoic Faults (dashed where inferred, dotted where concealed) (Ebasco, 1975, CP&L, 1983, NCGS, 1985, Wooten et al., 1996, Harding Lawson, 1997, NCGS, 2006, and this study)
 - Paleozoic Folds
 - Mesozoic Folds (dashed where inferred; NCGS, 2006)
 - Dikes (dashed where inferred) (CP&L, 1983, NCGS, 1985, NCGS, 2006, and Technos, this study)

Grid is in the North Carolina NAD 83 State Plane Coordinate System (in feet)

Base Map: Shaded Relief Map from LIDAR (NC DOT, 2005)

0 2.5 5 10 15
Kilometers

0 2.5 5 10
Miles

Progress Energy Carolinas
**Shearon Harris Nuclear Power Plant
 Units 2 and 3
 Part 2, Final Safety Analysis Report**
 New Hill, North Carolina

Shaded Relief Map Showing the Locations of Seismic Lines with Respect to the Site, Surrounding Towns, Dikes, and Faults
 FIGURE 2.5.1-239 Rev. 1