

**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)
  - Gravity Profiles (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)

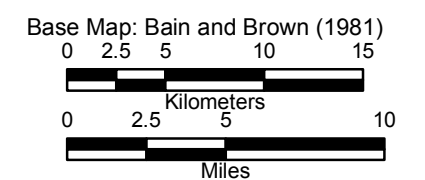
**EXPLANATION**

40 + Bouguer gravity contour

B-B' Gravity profile

--- Boundary of Durham basin

Contour interval = 1 milligal



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

Bouguer Gravity Map of the Durham Basin