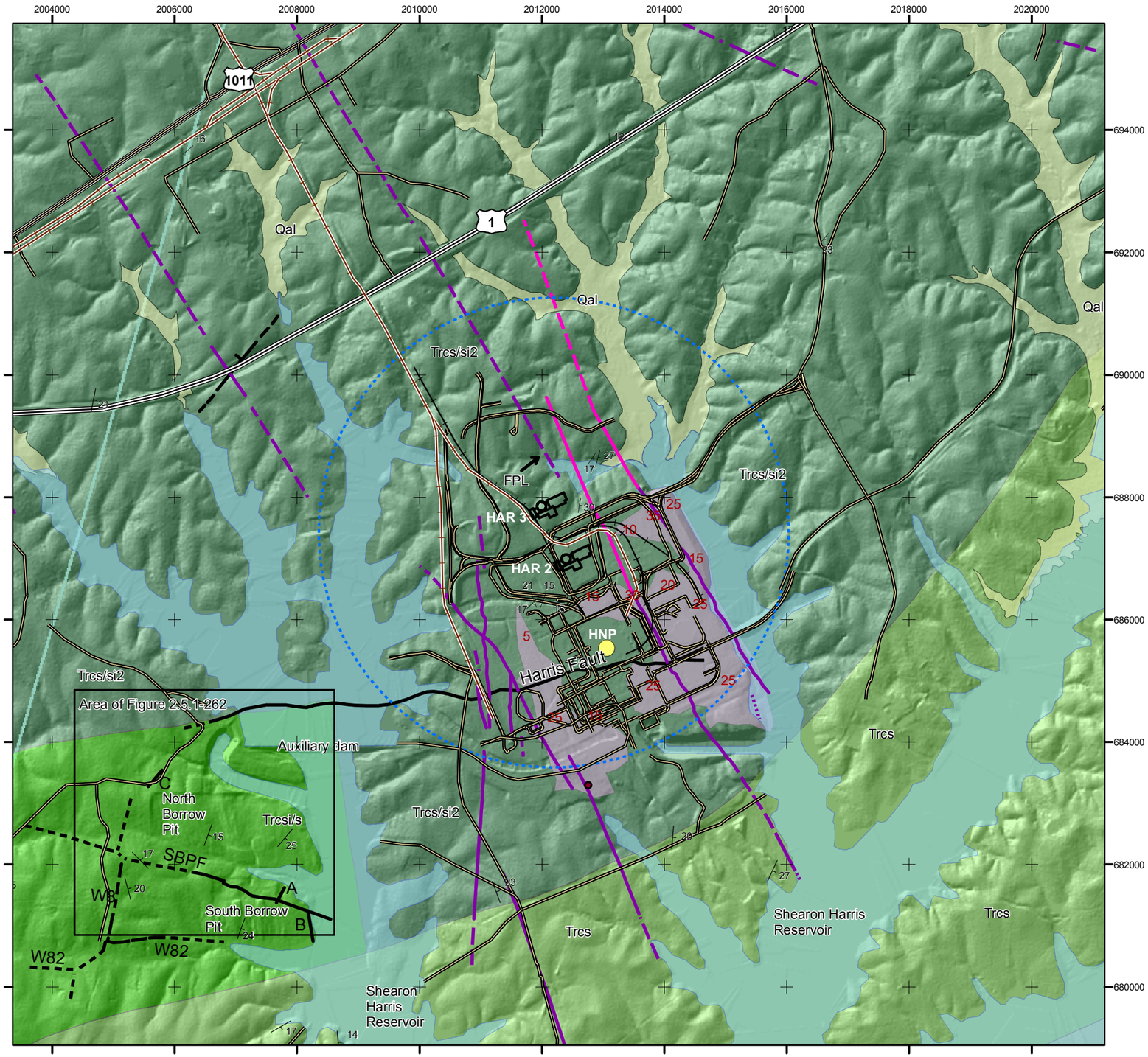

N
W E
S

LEGEND

- Proposed AP1000 Structures
- HNP
- 1 km (0.6 mi.) Radius from Site
- Railroad
- Highway
- Roads
- Faults (dashed where inferred, dotted where concealed) (Ebasco, 1975, CP&L, 1983, NCGS, 1985, Wooten et al., 1996, Harding Lawson, 1997, NCGS, 2006, and Technos, this study)
  - HF - Harris Fault
  - SBPF - South Borrow Pit Fault
  - W8 - W8 Fault
  - W82 - W82 Fault
- Point Fault (NCGS, 2006)
- FPL- Fire Pond Lineament
- Dikes (dashed where inferred) (CP&L, 1983, NCGS, 1985, NCGS, 2006)
- Dikes (dashed where inferred) (Technos, this study, and Geomatrix filed investigations, June 2006)
- Strike and Dip of Bedding (NCGS, 2006, and this study)

Geologic Units (see Figure 2.5.1-231, Sheet 2 for Unit Descriptions)

- 25 — Thickness of Fill (ft.)
- Qal
- Trcs/si2
- Trcsi/s
- Trcs

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

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

0 250 500 1,000
Meters

0 500 1,000 2,000 3,000
Feet

Progress Energy Carolinas

Shearon Harris Nuclear Power Plant
Units 2 and 3
Part 2, Final Safety Analysis Report

New Hill, North Carolina

Site Location Geologic Map
(1-km [0.6-mi.] Radius)

FIGURE 2.5.1-232

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