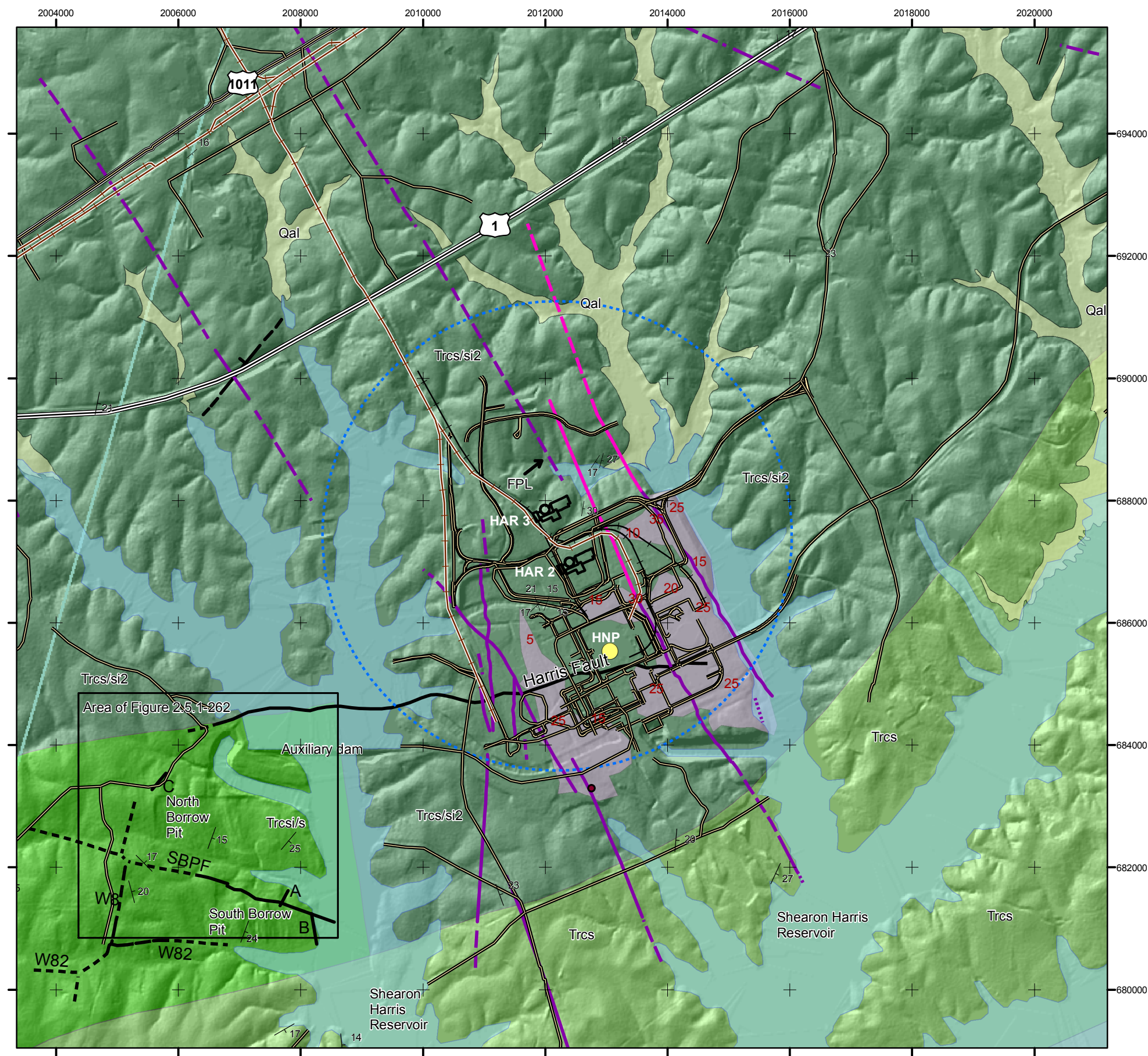




N
W
E
S

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)

25

 Thickness of Fill (ft.)

Qal

Trcs/si2

Trcs/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 Rev. 1