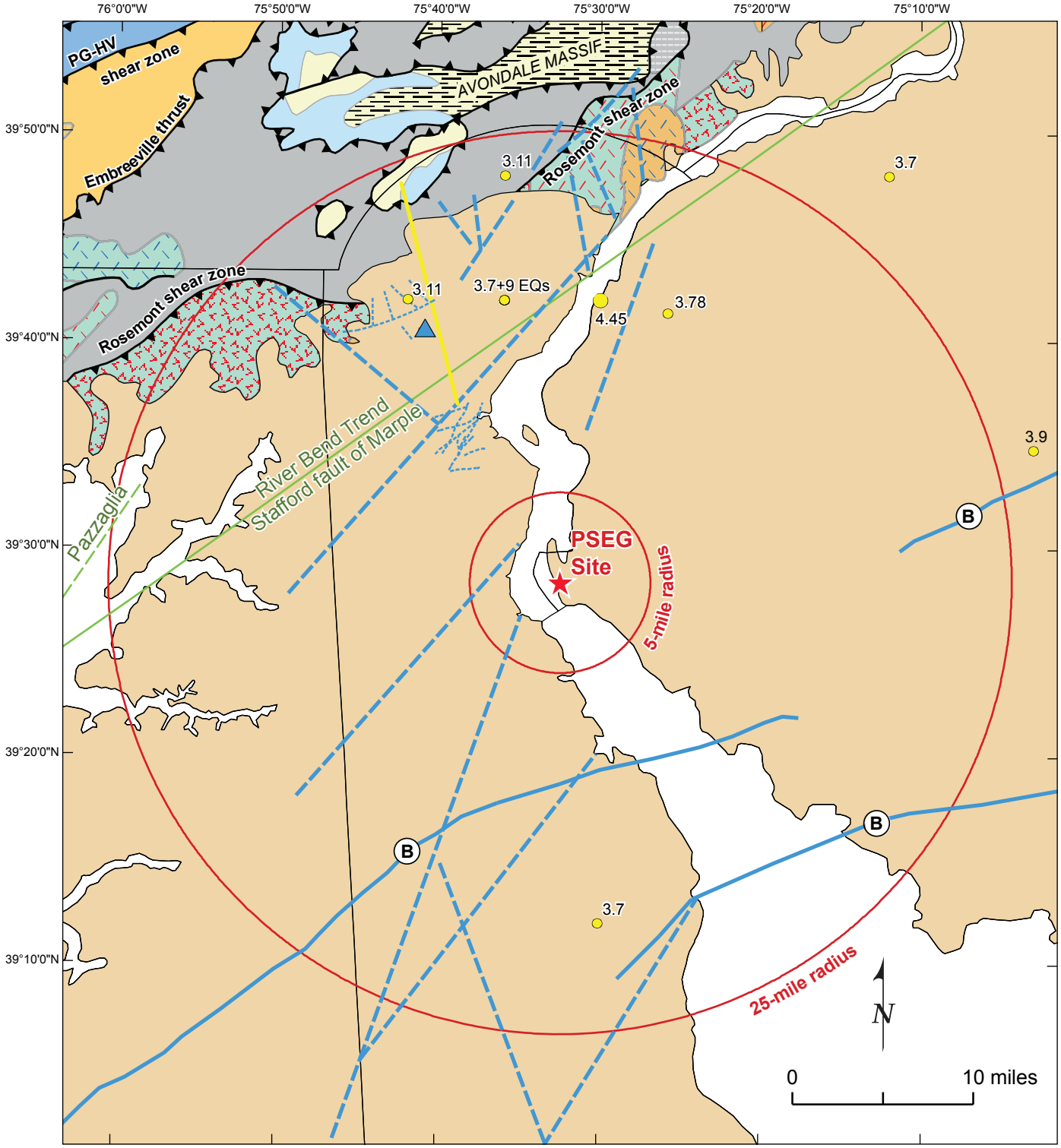

Projection: NAD 1983 UTM Zone 18N

LEGEND

Paleozoic Piedmont fault

Faults buried by coastal plain sediments

Offset, from Benson (Reference 2.5.3-2)

Basin-bounding fault of Benson (Reference 2.5.3-3)

Basement fault of Spoljaric (Reference 2.5.3-24, Reference 2.5.3-26)

Lineament of Spoljaric (Reference 2.5.3-27, Reference 2.5.3-25)

Hypothesized features

River bend trend Stafford fault extension of Marple (Reference 2.5.3-12)

Fault from Pazzaglia (Reference 2.5.3-16)

EPRI Seismicity Catalog (Reference 2.5.3-6)

3.0 - 3.9 magnitude (Emb)

4.0 - 4.9 magnitude (Emb)

Createaceous Quaternary coastal plain units

For explanation of Quaternary coastal plain units, see Figure 2.5.1-12b

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Part 2, Site Safety Analysis Report

Site Vicinity Geology and Seismicity

FIGURE 2.5.3-1

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