



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)
- Cretaceous–Quaternary coastal plain units
- Cockeysville Marble, Karst Unit (Reference 2.5.1-22, Reference 2.5.1-199)

For explanation of geologic units, see Figure 2.5.1-12a and 12b.

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Part 2, Site Safety Analysis Report

Site Vicinity Geology and Seismicity

FIGURE 2.5.3-1

Rev 2