



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)

*PSEG Regional Seismic Catalog, updated from CEUS SSC seismicity catalog (Reference 2.5.3-42)*

- 3.0 - 3.9 magnitude E[M]

- 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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**PSEG Site ESPA**  
**Part 2, Site Safety Analysis Report**

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**Site Vicinity Geology and Seismicity**

**FIGURE 2.5.3-1**

Rev 3