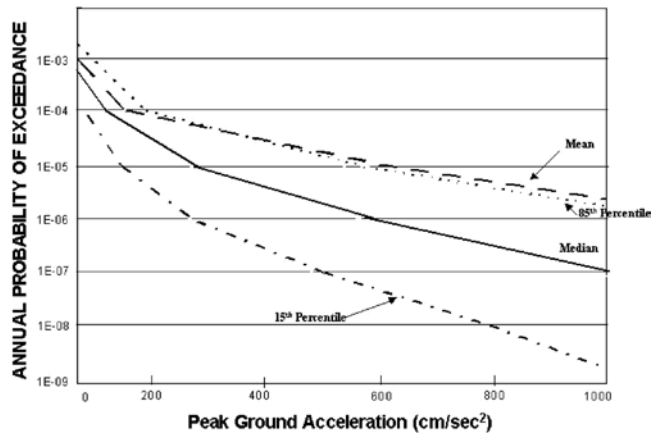


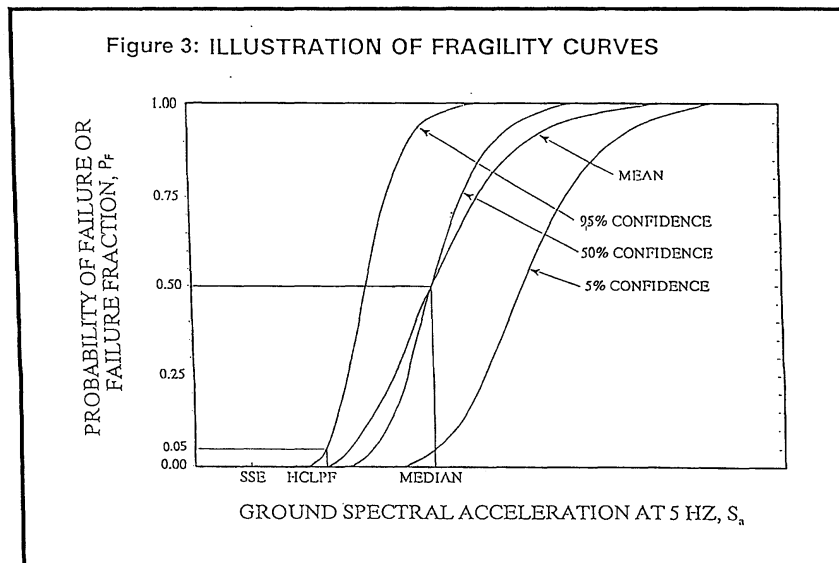
# **Establishment of the Design Basis**

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**TYPICAL SEISMIC HAZARD CURVES IN THE EASTERN U.S.**



**TYPICAL SEISMIC FRAGILITY CURVE(S)**

**Target performance goal**       **$10^{-5}$  per year**

**Design basis earthquake**       **$10^{-4}$  per year**