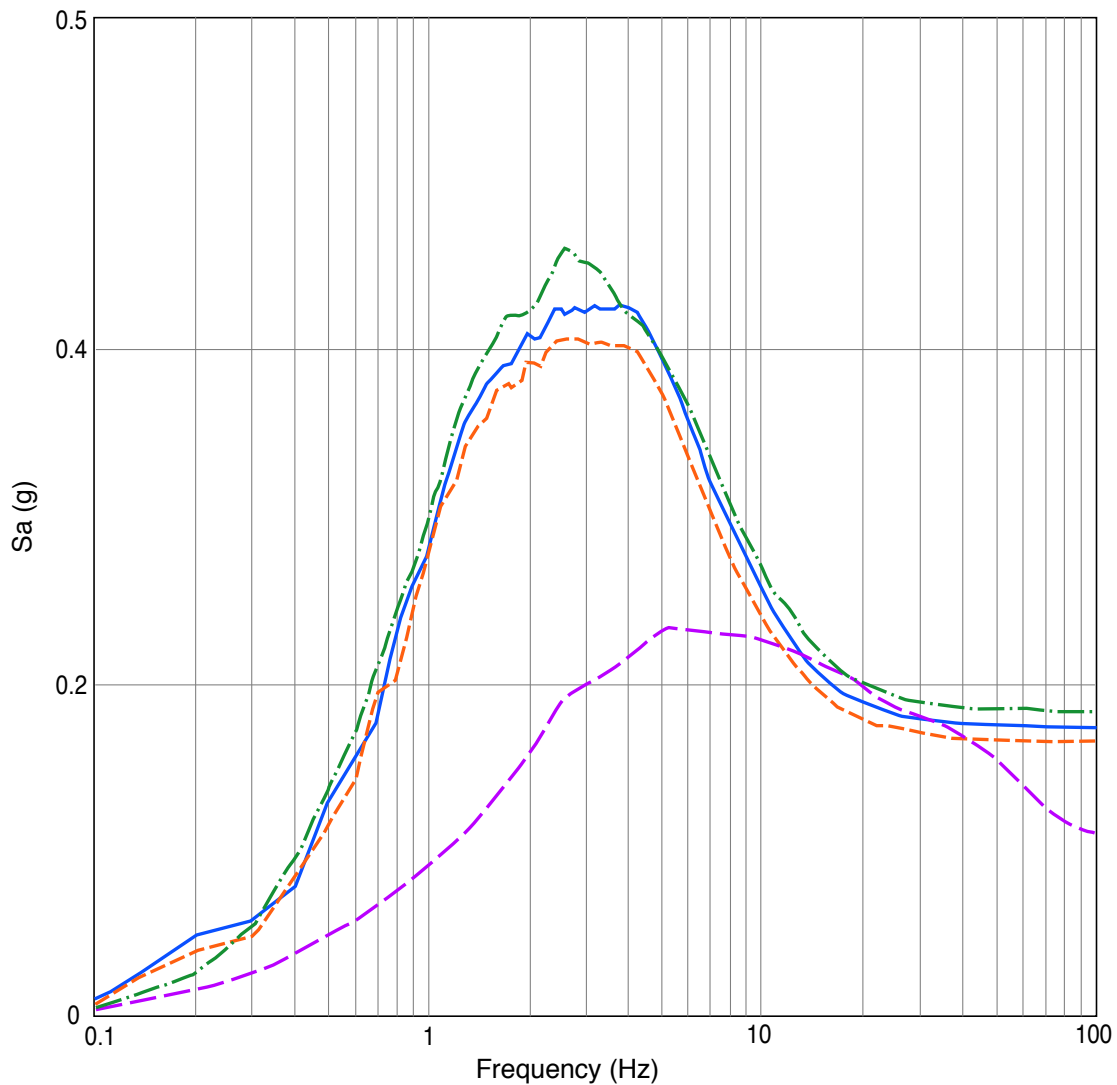


Grand Gulf 10 - 5 Spectra 1 - 2 Hz, Horizontal Top of Loess, Deep Profile Comparison



Explanation

- 50th percentile, profile P1 (slow); PGA = 0.165 g
- _____ 50th percentile, base case profile; PGA = 0.174 g
- . - . - 50th percentile, profile P2 (fast); PGA = 0.183 g
- 5 percent, 1 to 2 Hz scaled hard rock spectral; PGA = 0.113 g

Note: Hard rock control motions are the 1 to 2 Hz scaled spectrum; linear spectral axis.

SERI
GRAND GULF NUCLEAR STATION SITE
EARLY SITE PERMIT APPLICATION
NRCRAI RESPONSE

MEDIAN SPECTRA (5% DAMPING)
COMPUTED FOR THE BASE-CASE, "FAST",
AND "SLOW" PROFILES (FIGURE 2.5.4-4-1)

RAI FIGURE 2.5.4-4-3

11/19/04