

TABLE: Site-Specific RotD50 ASCE 7-22 DE and MCE Response Spectra for various damping levels

PERIOD (seconds)	PSEUDO-SPECTRAL ACCELERATION (g)					
	ASCE 7-22 DE (5% Damped)	ASCE 7-22 DE (7% Damped)	ASCE 7-22 DE (10% Damped)	ASCE 7-22 MCE (5% Damped)	ASCE 7-22 MCE (7% Damped)	ASCE 7-22 MCE (10% Damped)
0.010	0.39	0.39	0.39	0.58	0.58	0.58
0.020	0.39	0.39	0.39	0.58	0.58	0.58
0.030	0.38	0.38	0.37	0.57	0.57	0.56
0.050	0.41	0.39	0.38	0.61	0.59	0.57
0.075	0.48	0.46	0.43	0.72	0.68	0.65
0.100	0.55	0.52	0.48	0.83	0.77	0.72
0.150	0.67	0.61	0.55	1.00	0.91	0.82
0.200	0.75	0.68	0.60	1.13	1.02	0.90
0.250	0.83	0.75	0.66	1.25	1.12	0.99
0.300	0.91	0.81	0.71	1.36	1.21	1.07
0.400	0.97	0.87	0.76	1.46	1.30	1.14
0.500	0.98	0.88	0.77	1.47	1.32	1.15
0.750	0.86	0.76	0.66	1.29	1.15	1.00
1.000	0.81	0.72	0.63	1.22	1.09	0.95
1.500	0.73	0.65	0.57	1.09	0.97	0.85
2.000	0.64	0.57	0.50	0.96	0.86	0.75
3.000	0.47	0.43	0.38	0.71	0.64	0.57
4.000	0.35	0.32	0.28	0.52	0.48	0.42
5.000	0.26	0.24	0.21	0.39	0.35	0.31
7.500	0.14	0.12	0.11	0.20	0.19	0.16
10.000	0.07	0.07	0.06	0.11	0.10	0.09