

The detected acceleration at Fukushima Daiichi/Daini sites(draft)

Comparison between detected value and design basis value

Place			Detected maximum acceleration value (Gal) (Tentative estimate)			Design basis acceleration value(Gal)=>(see (d))		
			N-S	E-W	Vertical	N-S	E-W	Vertical
Daiichi	Foundation of reactor building	Unit1	(c)	(c)	(c)	487	489	412
		Unit2	(c)	(c)	(c)	441	438	420
		Unit3	507 (a)		231 (a)	449	441	429
		Unit4	319 (a)		200 (a)	447	445	422
		Unit5	(c)	(c)	(c)	452	452	427
		Unit6	290 (b)	431 (b)	244 (b)	445	448	415
Daini	Foundation of reactor building	Unit1	251 (b)	230 (b)	186 (b)	434	434	512
		Unit2	221 (b)	196 (b)	232 (b)	428	429	504
		Unit3	277 (b)	216 (b)	209 (b)	428	430	504
		Unit4	210 (b)	205 (b)	288 (b)	415	415	504

(a) detail analysis on going (b)data missing partially (c)data not obtained yet

$$100 \text{ (Gal)} = 1 \text{ (m/s}^2\text{)}$$

(d) Design basis acceleration

This vibration data is the input data (not the withstand limit) that is necessary to be taken into account for seismic analysis according to the guideline.

Plants safety was confirmed by numerical analysis with the input data.(with some margin)