Table 5.3.1-13

Magnetic Fields for Most Heavily Loaded 33 kV Homerun Cable

Location	168 MW	454 MW
Sea Floor (0 ft)	11 mG	28 mG
	(3 mG @ 10')	(8 mG @ 10')
+10 ft(3 meters)	2 mG	4 mG
+20 ft (6.1 meters)	0.6 mG	2 mG
+30 ft (9.1 meters)	0.3 mG	1 mG

Table 5.3.1-14

ESP Peak Magnetic Field Levels Over the 33kV Cables

Location	168 MW	454 MW
2 ft (0.61 meters) (directly over)	189 mG	473 mG
2 ft (0.61 meters) (15 ft [4.6 meters] off centerline)	10 mG	26 mG
10 ft (3 meters) (directly over)	20 mG	51 mG
10 ft (3 meters) (15 ft [4.6 meters] off centerline)	7 mG	18 mG

Table 5.3.1-15

Maximum Magnetic Flux Density (mG)

Elevation	168 MW	454 MW
Sea Floor (0 ft)	10.80	29.2
MLLW (2 ft [0.61 meters])	6.91	18.8
MHW (5.5 ft [1.7 meters])	4.23	11.5

Table 5.3.1-16

Range of EMF Exposure Levels

Location	Boaters	Divers and Marine Organisms
Above 115-kV sea cables	0-5 mG	0-60 mG
Above 33-kV inner-array cables	0-2 mG	0-28 mG
Vicinity of ESP	0-51 mG	0-473 mG