



CYPC



Facts:

Project: Three Gorges Dam – China Yangtze Power Co., Ltd

Products: Spiderline II – 640 meters

Overview: China Yangtze Power is a Chinese utilities company which produces and sells energy to customers. The Three Gorges Dam is the world’s largest power station in terms of installed capacity (22,500 MW). Each main water turbine has a capacity of 700 MW. The dam body was completed in 2006. Coupling the dam’s 32 main turbines with two smaller generators (50 MW each) to power the plant itself, the total electric generating capacity of the dam is 22,500 MW. In addition to producing electricity, the dam is intended to increase the Yangtze River’s shipping capacity and reduce the potential for floods downstream by providing flood storage space.

Situation: As part of the safety initiative to develop a safe working conditions and environment for their employees, they identified a risky work situation on the 30-meter-deep hydro generator pit which could cause workers fall to death when installing and repairing.

Solution: Deltaplus provided a total solution of fall protection solution and walkway solution. We provided them with a horizontal lifeline (SPIDERLINE II- 640 meters) on the inner wall of hydro generator pit. The workers will wear our Harness and then connect it to the horizontal lifeline to ensure their safety from a fall.

