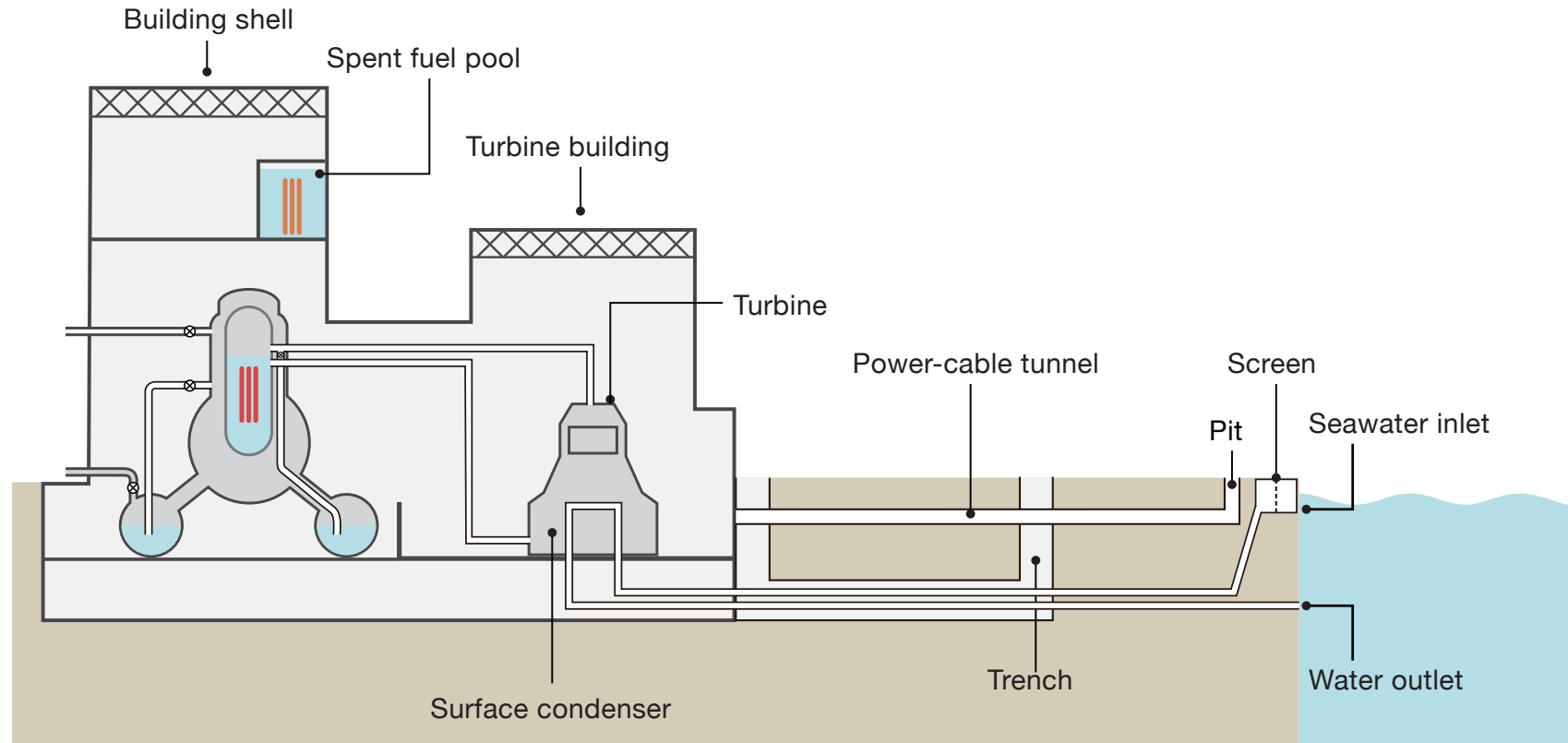


Schematic view of a plant building and its vicinity

The mechanism of the unit 1-5 reactors of the Fukushima Daiichi nuclear power plants, including the reactor building, turbine building, and other facilities connecting to the sea, is schematically shown. Among the six reactors in the plants, the units 1-5 are the Mark-I type BWR.

Please use as a reference for timeline of the Fukushima Daiichi nuclear accidents.



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based on TEPCO press release materials

Turbine: It turns generator with steam produced in a pressure vessel.

Surface condenser: It turns steam coming from the turbine into water. Water goes back to the pressure vessel through the cooling water system.

Seawater inlet: Seawater is used to cool steam down into water in the surface condenser. After going through the surface condenser, it is released to sea from Water outlet.

Screen: It filters trash out from seawater before sending the water into the plant.

Pit, Trench: A tunnel outside of plant buildings. In unit 1, 2, 3, 5, and 6 reactor buildings of Fukushima Daiichi nuclear plant, radioactively contaminated water was found in the tunnels.