

【Reference】 List of countermeasures against Tsunami

	Countermeasures	Overview	Timing of implementation (period)
Actions to prevent the flood	①Constructions of a temporary seawall	Construct a seawall based on the height of a supposed Tsunami to prevent flooding the area near major buildings	About 1 to 1.5 months (Targeting mid June for completion)
	②filling of vertical shafts	Fill vertical shafts with concrete etc to prevent overflowing the accumulated water and to keep out the seawater	Being conducted targeting late May for completion
Further actions	③Power for the water injection	<ul style="list-style-type: none"> • Rerouting the power supply to pumps for the water injection to reactors so as not to go through the supposed flooded area 【Done on April 15】 • Relocating distribution panels and temporary diesel generators for pumps to inject the water to the reactors to a hill 【Done on April 15】 	Done
	④Water to inject to reactors	<ul style="list-style-type: none"> • In case that permanent pumps and fire hoses cannot be used, the water injection will be conducted using back-up fire engines (3 are deployed on a hill) and back-up fire hoses (deployed on a hill) 【Done on April 18】 • In case that the fresh water tank cannot be used, the water for the injection will be obtained from the filtered water tank on a hill. 【Done on April 18】 • In case that neither water resource is available, the sea 	Done

		water will be injected by fire engines.	
	⑤Cooling of spent fuel pools	<ul style="list-style-type: none"> In case that fresh water feeding pumps cannot be used, the water injection will be conducted using back-up pumps (2 are deployed on a hill) and back-up fire engines (moved to a hill). 【Done on April 12】 In case concrete pumping vehicles cannot be used, the water injection will be conducted using back-up vehicles (deployed on a hill and other areas in Japan) 【Done on April 11】 	Done
	⑥Nitrogen injection gas	Securing a back-up nitrogen supplier in case of the breakdown 【Done on April 20】	Done