

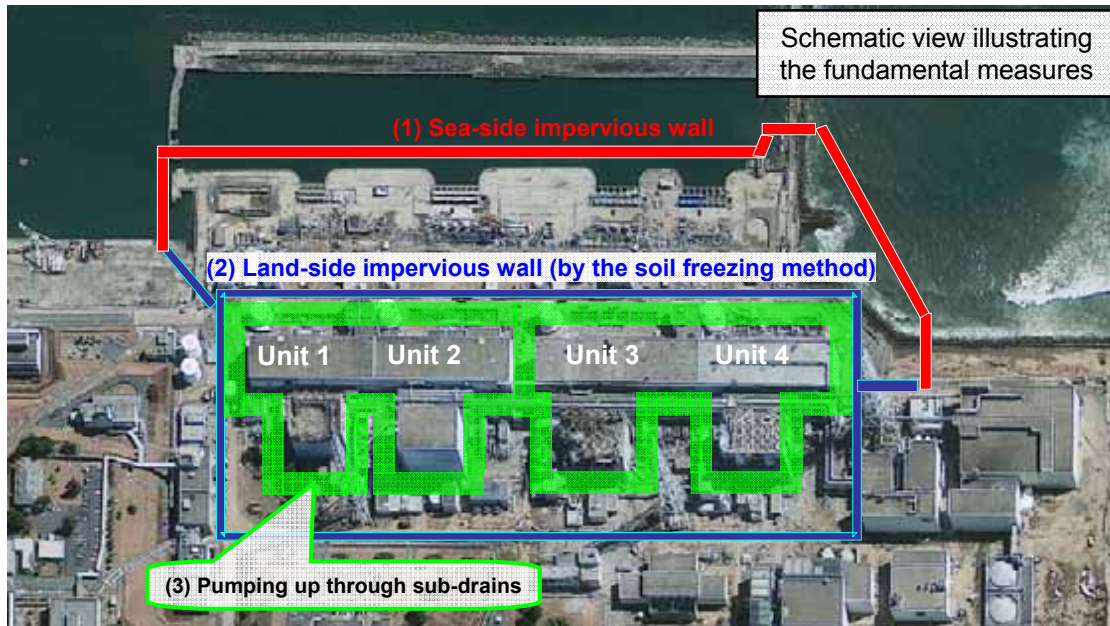
(2) Measures against Contaminated Water/Outlines of Fundamental Measures

Aiming at fundamentally solving the contaminated water problem, we will take the following three measures for the purposes of “stopping outflow into the ocean”, “suppressing increase of the contaminated water and preventing outflow into the port” and “stopping inflow of groundwater into the reactor buildings, etc”, for the next 1 to 2 years.

Measure (1) “Stopping outflow into the ocean” --- Installation of a sea-side impervious wall. [Causing no leaks]

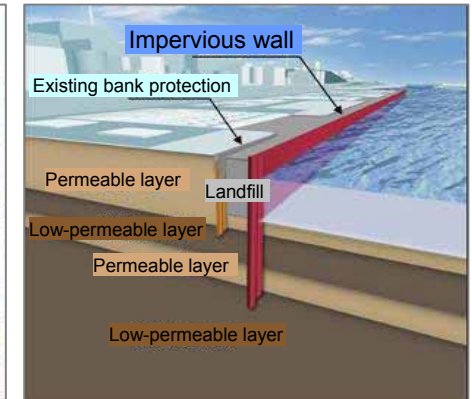
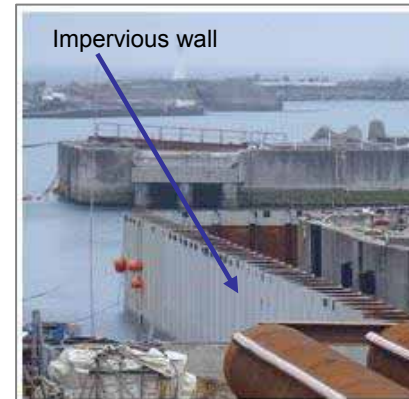
Measure (2) “Suppressing increase of contaminated water and preventing outflow into the port” --- Installation of a land-side impervious wall (by the soil freezing method). [Keeping away from contamination] [Causing no leaks]

Measure (3) “Stopping inflow of groundwater into the reactor buildings, etc” --- Pumping up groundwater through sub-drains. [Keeping away from contamination]



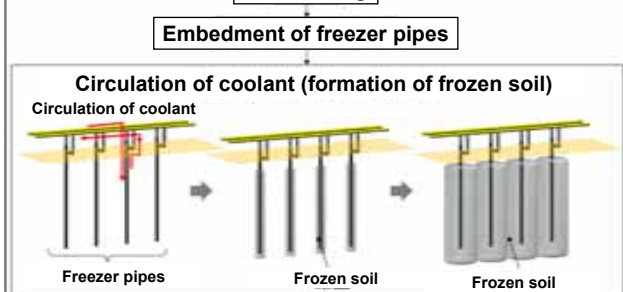
Measure (1) “Stopping outflow into the ocean” --- Installation of a sea-side impervious wall

- At the sea side of the bank protection, the construction was started in May 2012, which is scheduled to **complete in September 2014**.
- * This requires pumping up of water to be stopped by the impervious wall and accumulated. We plan to solve this problem by installation of pump wells.



Measure (2) “Suppressing increase of contaminated water and preventing outflow into the port” --- Installation of a land-side impervious wall (by the soil freezing method)

<Steps of building a soil-frozen wall>



- Increase of contaminated water due to inflow of groundwater into the buildings can be **suppressed** by installation of the **impervious wall** around the buildings.
- Water level management will be conducted in order to prevent outflow of accumulated water from inside the buildings.

Measure (3) “Stopping inflow of groundwater into the reactor buildings, etc” --- Pumping up groundwater through sub-drains.

- **Inflow** of groundwater into the buildings will be **suppressed** by restoring sub-drains and pumping up groundwater around the buildings through the sub-drains.
- **Restoring sub-drains** deeper in the mountain side and **pumping up groundwater** through such sub-drains is more effective for reduction of the amount of groundwater that flows into the bank protection area.

