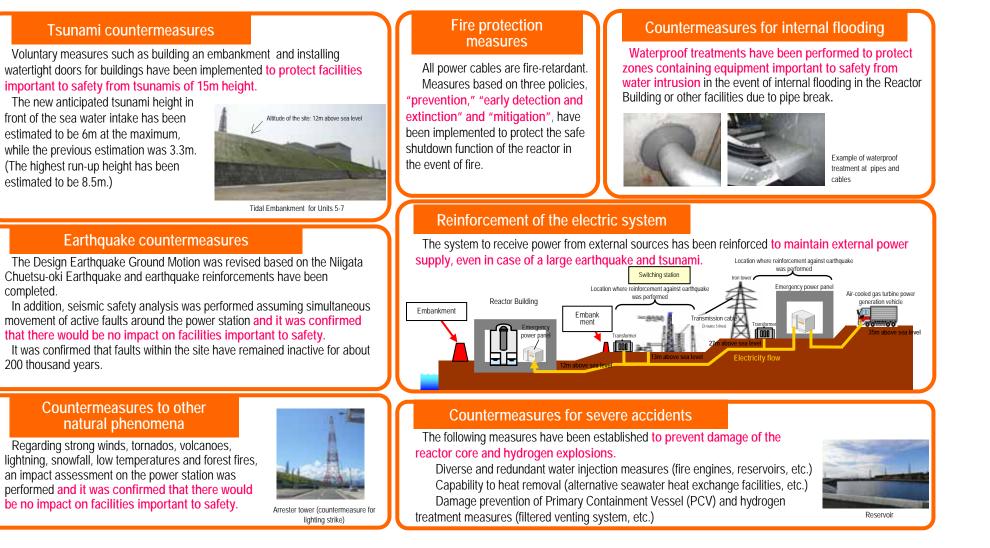
# Status of the safety measures to comply with new regulations

completed.

#### August 4, 2013 **Tokyo Electric Power Company**

These leaflets aims to inform status of the safety measures being established for Units 6 and 7 to comply with the new regulatory requirements. The information shown in these leaflets was recently explained at Kashiwazaki City Assembly and Kariwa Village Assembly and various feedback was provided. We continue to establish measures taking the feedback into account for further safety enhancement.



# Outline of the filtered venting system

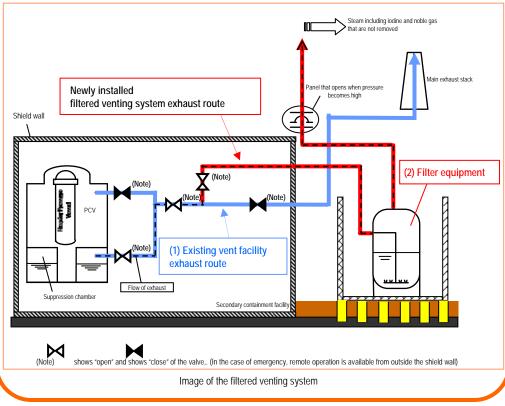
### Purpose of installation

Purposes of installing the filtered venting system are :

- (1) Venting before the reactor core damaging : to prevent the reactor core damage to maintain radioactive materials within the fuel.
- (2) Venting after the reactor core damaging : to minimize soil contamination outside the site assuming all core cooling functions reinforced after the Fukushima accident are out of work.

## Outline of System

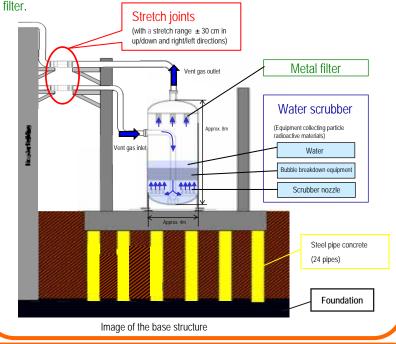
The system removes steam and hydrogen within the Primary Containment Vessel (PCV) through a route which branches from the "(1) Existing venting system (hardened venting system) exhaust route (see the figure below)," and after reducing radioactive materials through "(2) Filtering equipment (see the figure below)," releases steam and hydrogen from the roof of the Reactor Building.



#### Structure and effect of the filter equipment

To prevent different subsidence from that of the Reactor Building in case of an earthquake, the equipment is supported by the same foundation of the Reactor Building.

Stretch joints are used to absorb the difference in displacements of two points. Particle-type radioactive materials (radioactive cesium) are collected and 99.9% removed through a process traversing the water scrubber and metal



### Operation

The specific operation procedure is under discussion with national and municipal governments and local communities.

Based on the lessons learned from Fukushima accident, diverse communication media with national and municipal governments and local communities, such as satellite mobile phones and satellite faxes, have been established .