

# Storage Condition of Accumulated Water (As of October 29)

## Overview of Storage and Treatment of Accumulated Water

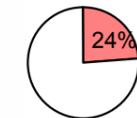
- (1) Water level and storage amount of the accumulated water in the building
  - Water level of the accumulated water in the building satisfies the operational limit.
  - Treatment apparatus (2nd Cesium Adsorption Apparatus) is under operation.
- (2) Amount of waste generated
  - Storage amount of the waste sludge has not been changed, since the decontamination apparatus is being suspended.
- (3) Storage amount of the treated water tanks
  - Storage amount of the freshwater receiving tank and concentrated saltwater tank has changed due to treatment by the desalination apparatus.
  - All evaporative condensation apparatus are being suspended.
- (4) Storage amount of the accumulated water at Unit 5 and 6
  - Storage amount of the tanks in F/H area has changed due to water sprinkling at the site.

## (1) Water level and storage amount of the accumulated water in the building

Facility	Storage volume	Water level in T/B
Unit 1	Approx. 14,700m <sup>3</sup>	OP. 3,417
Unit 2	Approx. 22,800m <sup>3</sup>	OP. 3,232
Unit 3	Approx. 24,300m <sup>3</sup>	OP. 3,131
Unit 4	Approx. 19,100m <sup>3</sup>	OP. 3,138
Total	Approx. 80,900m <sup>3</sup>	

Storage Facility	Storage volume	Water level
Process Main Building	Approx. 14,050m <sup>3</sup>	OP. 3,864
High Temperature Incinerator Building	Approx. 5,030m <sup>3</sup>	OP. 3,580
Total	Approx. 19,120m <sup>3</sup>	

## (2) Amount of waste generated



- Mid-to-low level (already installed)
- Mid-to-low level (to be installed)
- High level (already installed)
- High level (to be installed)
- Laying route of transfer hose
- Freshwater injection route

Tanks in F/H area, etc.

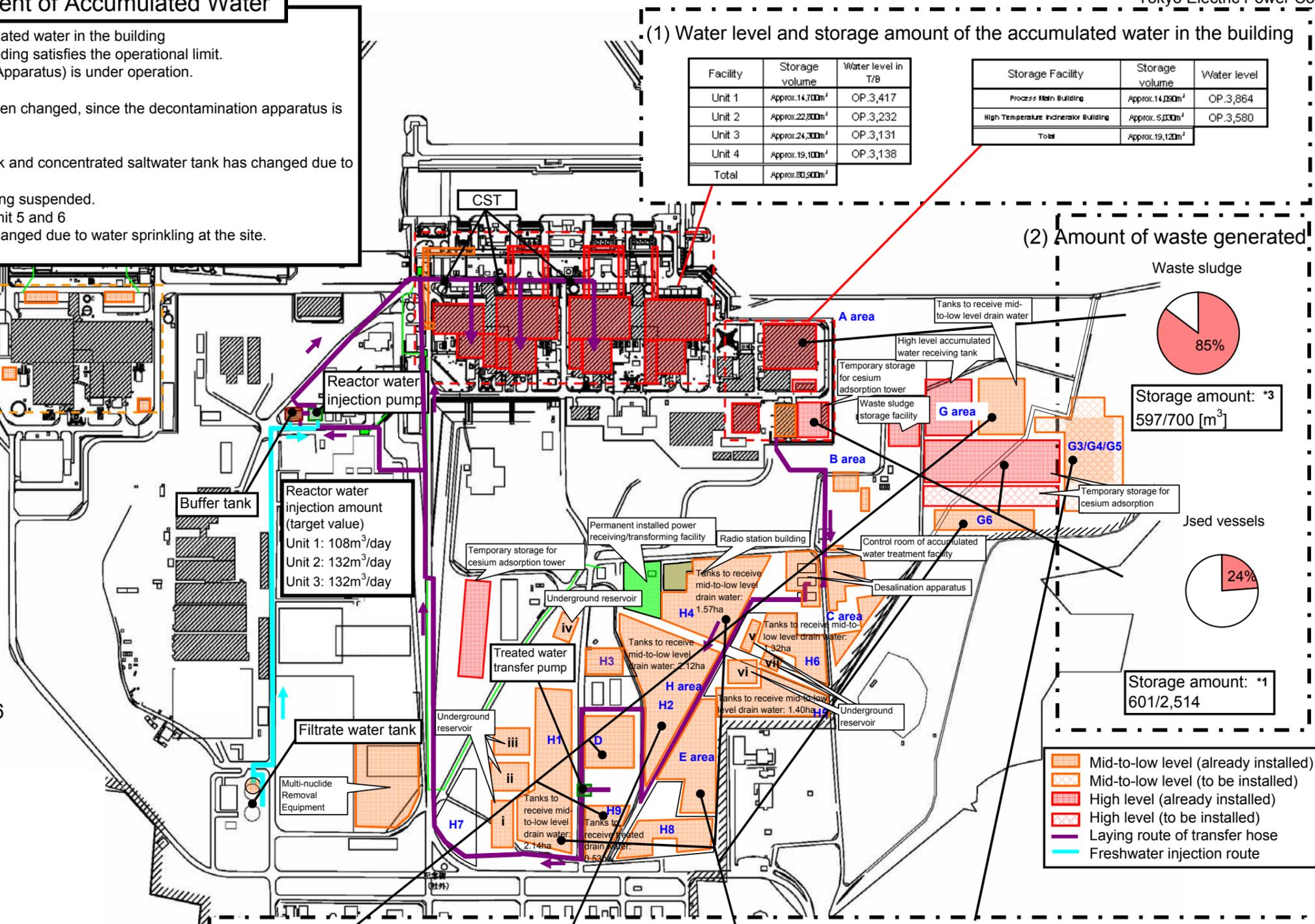
Water amount: 18,388/19,400 [m<sup>3</sup>]

(4) Storage amount of the accumulated water at Unit 5 and 6

Total storage amount of the tanks

Water amount: 392,181/428,800 [m<sup>3</sup>]\*2,3,6

Total storage amount (3)+(4)



Freshwater receiving tank

Water amount: \*2,3  
28,665/31,400 [m<sup>3</sup>]

Concentrated waste liquid storage tank

Water amount: \*2,3  
9,213/9,500 [m<sup>3</sup>]

Concentrated saltwater receiving tank

Water amount: \*2,3,6  
310,027/328,000 [m<sup>3</sup>]

Treated water storage tank (treated water from the Multi-nuclide Removal Equipment)

Water amount: \*2,3,5  
25,888/40,500 [m<sup>3</sup>]

Total storage capacity of treated water tank

Water amount: \*2,3,5,6  
373,793/409,400 [m<sup>3</sup>]

## (3) Storage amount of the treated water tanks

- Notch tank group: Approx. 3500/approx. 4000 [m<sup>3</sup>]
- Underground reservoir iv: Approx. 1000/approx. 4000 [m<sup>3</sup>]
- Underground reservoir vii: Approx. 1900/approx. 4000 [m<sup>3</sup>]

\*1 The figure includes used vessel of the 2nd Cesium Adsorption Apparatus, container of the Multi-nuclide Removal Equipment and the treatment column.  
 \*2 The figures are just for reference, since the apparatus are being operated and the water levels are not stable.  
 \*3 The storage amount shows the operational limit (storage capacity of the tank is displayed by rounded down to the nearest 10).  
 \*4 The H area tanks (approx. 3,000m<sup>3</sup>) and the tanks installed temporarily around Unit 5 and 6 (approx. 500m<sup>3</sup> (water transfer to the F area tanks is being conducted, the storage amount is approximate value)) are used to receive the accumulated water in Unit 5 and 6.  
 \*5 The treated water from the Multi-nuclide Removal Equipment (under hot test) is stored. Freshwater and concentrated saltwater will be stored depending on the operation status.  
 \*6 The figure does not include the underground reservoirs. Storage capacity of the filtrate water tank (4,600m<sup>3</sup>) is included in the figure.