

# Fukushima Daiichi Nuclear Power Station

## Analysis Results of ALPS Treated Water

### Sampled from the Measurement/Confirmation Facility Tank Group B

< Reference document >  
February 26, 2024  
Tokyo Electric Power Company Holdings, Inc.  
Fukushima Daiichi Decontamination &  
Decommissioning Engineering Company

- Transfer of ALPS treated water from the K4 area group E and K3 area group A to the measurement/confirmation facility group B was completed on December 11, 2023, in preparation for the 4th discharge. Agitation/circulation commenced on December 15, and samples were taken on December 22.
- The collected samples are currently being analyzed. The 4th discharge is scheduled to commence in late February 2024.  

<Announced by January 25>
- The analysis results from sampled specimens have confirmed that the water in tank group B meets discharge criteria.
  - ① Nuclides to be measured and assessed (29 nuclides):  
The sum of the ratios of the concentration of each radionuclide to the regulatory concentration: 0.34 (confirmed to be less than 1)
  - ② Tritium: 170,000 Bq/liter (confirmed to be less than 1 million Bq/L)
  - ③ Nuclides voluntarily checked to ensure that they are not significantly present (39 nuclides):  
No significant concentrations found of any of the nuclides
  - ④ General water quality (voluntary check to confirm that there are no unusual water quality) (44 criteria): Criteria values have been met
- Measurements taken by the external agencies\* (Kaken) show the same results and confirm that the water in tank group A meets discharge criteria.

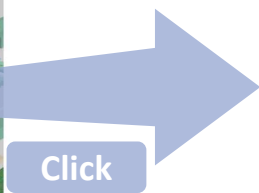
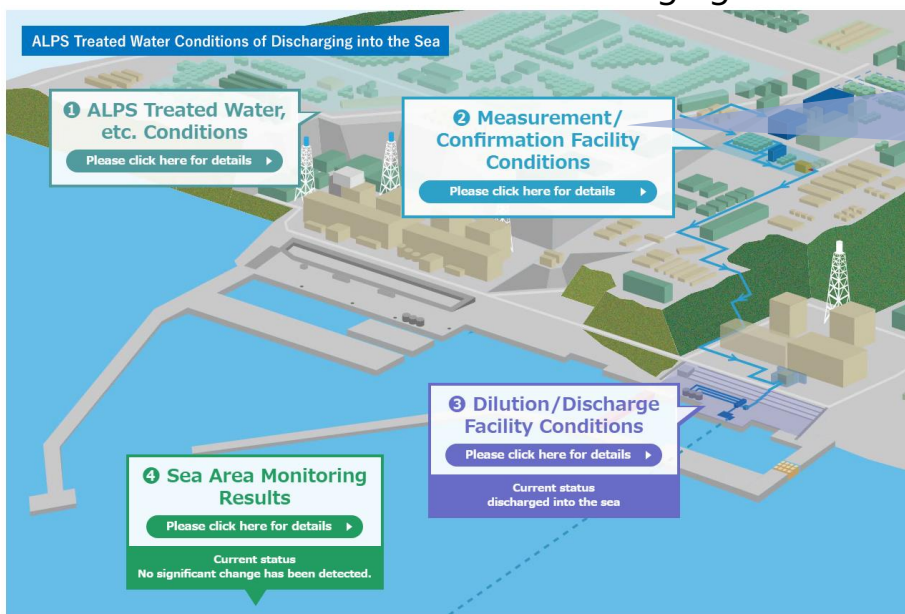
\* Measurements taken of ① Nuclides to be measured and assessed (29 nuclides); ② Tritium; and, ③ Nuclides voluntarily checked to ensure that they are not significantly present (39 nuclides).
- Based on these results, we are planning to commence the discharge of ALPS treated water from the measurement/confirmation facility group B (4<sup>th</sup> discharge) into the sea on February 28. We will continue to engage in this process with the utmost vigilance to ensure that there are no unintentional discharge of ALPS treated water into the sea.

# [Reference] Treated Water Portal Site Webpage for "Measurement/Confirmation Facility Conditions"

- Status of Measurement/confirmation facility and the analysis results for ALPS treated water in tank groups A,B, and C are displayed (tritium concentration and the sum of the ratios of the concentration of each radionuclide to the regulatory concentration limit).

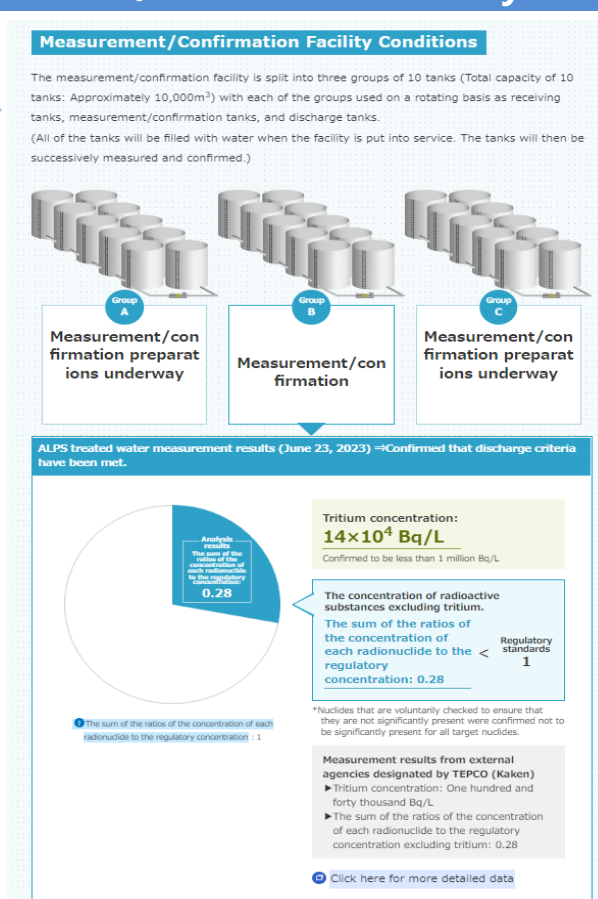
Screen image of

"ALPS treated water Conditions of Discharging into the Sea"



Screen image of

"Measurement/Confirmation Facility Conditions"



■ Treated Water Portal Site  
Measurement/Confirmation Facility Conditions

<https://www.tepco.co.jp/en/decommission/progress/watertreatment/measurementfacility/index-e.html>



Click here for analysis results from third parties (Japan Atomic Energy Agency) (only in Japanese)