

### **Information about Object of Required Technology**

Water treated with multi-nuclide removal equipment (ALPS) (hereinafter, "ALPS treated water, etc.<sup>1)</sup> has been stored under the following conditions.

- Number of tanks<sup>2)</sup>; 1,066 (as of December 15, 2022)
- Amount of water being stored in tanks<sup>2)</sup>; Approx. 1.32 million m<sup>3</sup> (as of December 15, 2022)
- Average tritium concentration<sup>2)</sup>; Approx. 620,000 Bq/L (as of April 1, 2021)
- Total amount of tritium<sup>2)</sup>; Approx. 780 trillion Bq (as of April 1, 2021)

Note 1) Water treated with multi-nuclide removal equipment (ALPS) so that the concentrations of radioactive substances other than tritium sufficiently satisfy regulatory standards for safety (sum of ratios of legally required concentrations, excluding tritium, is less than 1) is referred to as, "ALPS treated water."

Water that has been purified with multi-nuclide removal equipment (ALPS), but for which the concentrations of radioactive substances do not meet regulatory standards for safety (sum of ratios of legally required concentrations, excluding tritium, is 1 or higher) is referred to as, "Treated water to be re-purified."

The term "ALPS treated water" is used when referring to both types of water.

Note2) Total of ALPS treated water, etc. and strontium removed water (water which cesium and strontium have been removed prior to treatment with ALPS.)