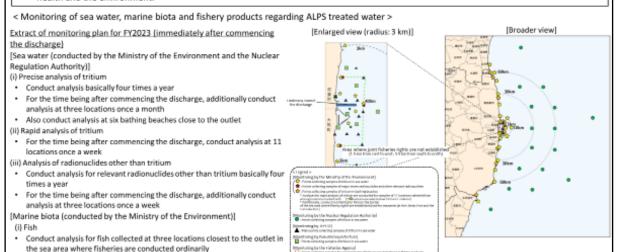
Efforts and Progress for Decommissioning

Sea Area Monitoring in Relation to ALPS Treated Water

- Since 2022, before commencing the discharge, relevant ministries and agencies, the nuclear operator, and others have conducted sea
 area monitoring in relation to ALPS treated water. Immediately after commencing the discharge in August 2023, they strengthened and
 expanded the structure for sea area monitoring by such means as increasing analysis frequencies and locations.
- The reliability of the analyses is being ensured with the assistance of the IAEA.
- As of December 2023, it was confirmed that tritium concentrations were sufficiently low and would have no adverse impact on human health and the environment.



- Analyze the concentrations of tritium and Carbon-14 four times a year
 (ii) Seaweeds
 Conduct analysis for seaweeds collected at two locations close to the outlet
- Analyze the concentrations of lodine-129 four times a year

[Fisheries products (conducted by the Fisheries Agency)]

Measure the concentration of tritium for approx. 380 samples per year

Points collecting samples for sea area monitoring by the relevant organizations (Source) Prepared based on "Comprehensive Radiation Monitoring Plan (revised on March 16, 2023)"

(Monitoring Coordination Meeting)

https://radioactivity.ora.go.jp/en/contents/17000/16273/24/274_20230412.pdf), and "Status of Monitoring by MOE" (MOE's website) [https://www.env.go.jp/content/000183685.pdf) (in Japanese), and "Sea Area Monitoring regarding ALPS Treated Water" (NRA) [https://www.env.go.jp/data/000457798.pdf] (in Japanese)

From the perspective of securing safety and thoroughly ensuring measures against reputational damage upon the discharge of ALPS treated water, the national government and other relevant organizations have been conducting sea area monitoring. The monitoring has been conducted while ensuring the reliability of the relevant organizations' analytical abilities with the assistance of the IAEA.

Since FY2022 before commencing the discharge, monitoring has been conducted, and after the commencement, the structure for monitoring was strengthened and expanded. Specifically, sampling locations and analysis frequencies were increased, and rapid analyses came to be conducted in addition to conventional precise analyses.

When monitoring detects any incident, such as a radioactive concentration exceeding the discharge suspension level, TEPCO is committed to making responses appropriately, including the immediate suspension of the discharge based on the Implementation Plan it had formulated.

Results of monitoring concerning tritium, etc. conducted by relevant ministries and agencies are published on the webpage titled "ALPS Treated Water Sea Area Monitoring Information. The government of Japan will continue making efforts to provide information domestically and internationally in a transparent and easy-to-understand manner.

ALPS Treated Water Marine Monitoring Information https://shorisui-monitoring.env.go.jp/en/

(Source) Prepared based on "Comprehensive Radiation Monitoring Plan (revised on March 16, 2023)" (Monitoring Coordination Meeting) (https://radioactivity.nra.go.jp/en/contents/17000/16273/24/274 20230412.pdf),

and "Status of Monitoring by MOE" (MOE's website) (https://www.env.go.jp/content/000183685.pdf) (in Japanese),

and "Sea Area Monitoring regarding ALPS Treated Water" (NRA) (https://www.nra.go.jp/data/000457798.pdf) (in Japanese)

Included in this reference material on March 31, 2024