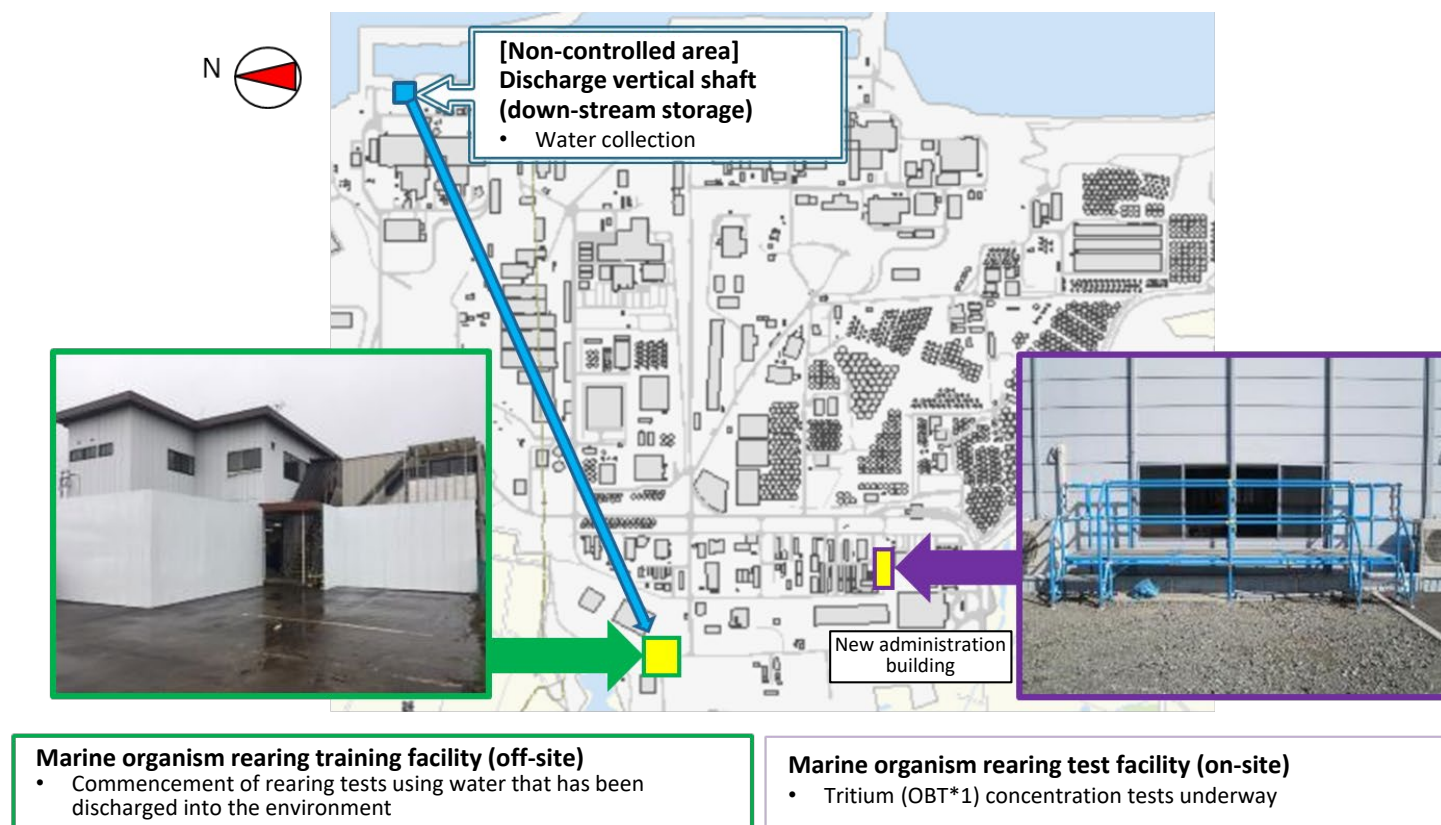


Fukushima Daiichi Nuclear Power Station

Commencement of marine organism rearing tests using water that has been discharged into the environment

Commencement of rearing tests using water that has been discharged into the environment

- As we have already announced, now that TEPCO has completed preparations for relocation and water collection, at the beginning of October of this year we will commence marine organism rearing tests using water that has been discharged into the environment at the off-site rearing training facility that was used to train breeders.
- The water to be used for the rearing tests (approximately 10m³) will be taken from the discharge vertical shaft (down-stream storage), which is located in a non-controlled area, during the fifth discharge of FY2024
- The target organisms for the rearing tests will be flounder (165) and abalone (64) (as of September 24, 2024)



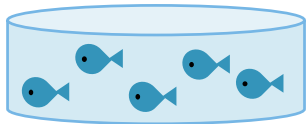
[Reference] Marine Organisms Rearing Test

Excerpt from the Status of Deliberation of the Handling of ALPS-treated water [summary]
(disclosed on August 25, 2021) (underlined portions have been partially edited)

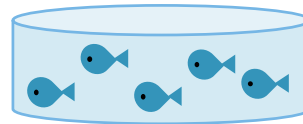
- By rearing marine organisms in a seawater environment that contains ALPS treated water and demonstrating that the concentrations of tritium in these marine organisms do not differ from the concentrations of tritium in the seawater (in other words, that the tritium does not accumulate in the body) we aim to cultivate understanding about discharging ALPS treated water into the sea and reducing the adverse impact on reputation.
- Through activities to promote dialogue with as many stakeholders as possible, such as the local community, we shall elicit opinions and reflect them in our plans as necessary. Rearing test conditions and status will be disclosed accordingly.

Prior to discharge of ALPS treated water into the sea

Confirm the status of its development in seawater (test tank 1) and ALPS treated water diluted using seawater (test tank 2)



Test tank 1: Seawater around the power station
(Tritium concentration approx. 1Bq/liter)



Test tank 2: ALPS treated water diluted using seawater around the power station
(Tritium concentration less than 1,500Bq/liter)
(Tritium concentration approx. 30Bq/liter)

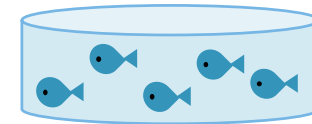
Organisms to be reared:

- Tritium concentration less than 1,500Bq/liter:
Flounder, Abalone, Seaweed (Gulfweed)
- Tritium concentration approx. 30Bq/liter:
Flounder



After initiating the discharge of ALPS treated water into the sea

Confirm the status of their development under an environment where water is diluted with seawater and actually discharged into the environment.



Test tank: water discharged into the environment
(Tritium concentration < 1,500Bq/liter)

Organisms to be reared:

Flounder, Abalone,