Information (16:00), July 13, 2023

To All Missions (Embassies, Consular posts and International Organizations in Japan)

Report on the discharge record and the seawater monitoring results at Fukushima Daiichi Nuclear Power Station during May

The Ministry of Foreign Affairs wishes to provide all international Missions in Japan with a report on the discharge record and seawater monitoring results with regard to groundwater pumped from the sub-drain and groundwater drain systems, as well as, bypassing groundwater pumped during the month of May at Fukushima Daiichi Nuclear Power Station (NPS).

1. Summary of decommissioning and contaminated water management

In April the summary of monthly progress on decommissioning and contaminated water management of Fukushima Daiichi NPS was issued shown in Appendix 1. For more information, please see the following URL:

https://www.meti.go.jp/english/earthquake/nuclear/decommissioning/pdf/mp202305.pdf

2. Sub-drain and Groundwater Drain Systems

In May purified groundwater pumped from the sub-drain and groundwater drain systems was discharged on the dates shown in Appendix 2. Prior to every discharge, an analysis on the quality of the purified groundwater to be discharged was conducted by Tokyo Electric Power Company (TEPCO) and the results were announced.

All the test results during the month of May have confirmed that the radiation levels of sampled water were substantially below the operational targets set by TEPCO (these operational targets are well below the density limit specified by the Reactor Regulation). The results of these analyses were also confirmed by third-party organization (Tohoku Ryokka Kankyohozen Co.).

In addition, TEPCO and Japan Atomic Energy Agency (JAEA), at the request of the Government of Japan, regularly conduct more detailed analyses on the purified groundwater. The results of JAEA's latest analyses confirmed that TEPCO's analyses were accurate and verified that the radiation levels of sampled groundwater was substantially below the operational target (see Appendix 3).

Moreover, TEPCO publishes the results of analyses conducted on seawater

sampled during the discharge operation at the nearest seawater sampling post from the discharge point (see Appendix 4). The results show that the radiation levels of seawater remain lower than the density limit specified by the Reactor Regulation and significant change in the radioactivity has not been observed.

3. Groundwater Bypassing

In May, the pumped bypassing groundwater was discharged on the dates shown in Appendix 5. Prior to every discharge, an analysis on the quality of the groundwater to be discharged was conducted by TEPCO and the results were announced.

All the test results during the month of May have confirmed that the radiation levels of sampled water were substantially below the operational targets set by TEPCO (these operational targets are well below the density limit specified by the Reactor Regulation). The results of these analyses were also confirmed by Japan Chemical Analysis Center.

In addition, TEPCO and JAEA, at the request of the Government of Japan, regularly conduct more detailed analyses on the groundwater. The results of JAEA's latest analyses confirmed that TEPCO's analyses were accurate and verified that the radiation levels of the sampled groundwater were substantially below the operational target (see Appendix 6).

Moreover, TEPCO publishes analysis results on seawater sampled during the discharge operation at the nearest seawater sampling post from the discharge point (see Appendix 7). The result shows that the radiation levels in seawater remain lower than the density limit specified by the Reactor Regulation and significant change in the radioactivity has not been observed. The analysis had been conducted once a month until March 2017. Since April 2017, it is conducted four times a year because there has been no significant fluctuation in the concentration of radioactive materials in the sea water, and no influence on the surrounding environment has been confirmed.

The sampling process for analyses conducted this month is the same as the one conducted in the information disseminated last month. Results of the analyses are shown in the attached appendices:

(For further information, please contact TEPCO at (Tel: 03-6373-1111) or refer to the TEPCO's website:

http://www.tepco.co.jp/en/nu/fukushima-np/handouts/index-e.html)

Contact: International Nuclear Energy Cooperation Division,

Ministry of Foreign Affairs, Tel 03-5501-8227

Appendix

Measures for treated water

must comply with regulatory and other safety standards to safeguard the

August 4, 2022

July 22, 2022

Regarding the discharge of ALPS treated water into the sea, TEPCC

Handling of ALPS treated water

May 25, 2023 Outline of Decommissioning, Contaminated Water and Treated Water Management Secretariat of the Team for Countemeasures for Outline of Decommissioning, Contaminated Water and Treated Water

Main decommissioning work and steps

Work continues sequentially toward the start of fuel removal from Units 1 and 2 and debris (Note 1) retrieval from Units 1-3. Fuel removal from the spent fuel pool was completed in December 2014 at Unit 4 and on February 28, 2021 at Unit 3. (Note 1) Fuel assemblies having melted through in the accident.

public, the surrounding environment and agricultural, forestry and fishery products. To minimize adverse impacts on reputation, monitoring will be further enhanced and objectivity and transparency ensured by *1 Including radiation impact assessment on human beings and the environme *2 Discharges into the sea will be conducted gradually during the initial phase engaging with third-party experts and having safety checked by the IAEA. Moreover, accurate information will be disseminated with full TEPCO Nuclear Regulation December 21, 2021 ransparency on an ongoing basis. Contaminated Water, Treated Water and Decommissioning issues" held on April 13, Set in "The Inter-Ministerial Council for Government Subcommittee on Handling of ALPS treated Water Within 2021
* Due to the spread of COVID-19, we have revised the plan to start from the second half of fiscal 2003 to improve safety and reliability. FY2027 - FY2028 FY2024 - FY2026 Start of fuel debris retrieval <Milestones in the Mid-and-Long-Term Roadmap> Units 1-6 Completion of fuel removal Within 203 Dismantling Start of fuel removal Start of fuel removal /Transportation First unit Unit 2 Design and manufacturing of devices /equipment Unit 1 Unit 2 /Transportation technology consideration Scenario development & PCV /Consideration of retrieval methods, etc. **Understanding the situation inside the** stallation of fuel-remova Dismantling Facilities Rubble removal etc. Units 1 and 2 Fuel Debris Retrieval Fuel Removal from SFP

Contaminated water management - triple-pronged efforts -

- Efforts to promote contaminated water management based on the three basic policies
 - "Remove" the source of water contamination (2) "Redirect" fresh water from contaminated areas (3) "Retain" contaminated water from leakage
- Strontium-reduced water from other equipment is being re-treated in the Advanced Liquid Processing System (ALPS: multi-nuclide removal equipment) and stored in welded-joint tanks.
- and sub-drains, have stabilized the groundwater at a low level and the increased contaminated water generated during rainfall is being suppressed by repairing damaged portions of building roofs facing onsite, etc. Through these measures, the generation of contaminated water was Multi-layered contaminated water management measures, including land-side impermeable walls
- Measures continue to further suppress the generation of contaminated water to 100 m³/day or reduced from approx. 540 m³/day (in May 2014) to approx. 130 m³/day (in FY2021) less within 2025

(2) Efforts to complete stagnant water treatment

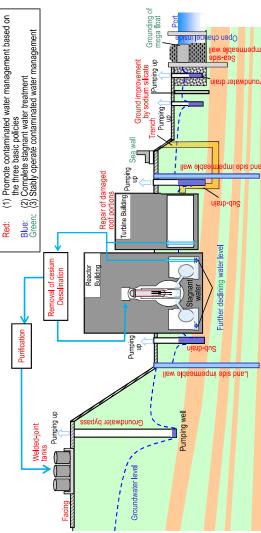
- To reduce the stagnant water levels in buildings as planned, work to install additional stagnant water transfer equipment is underway.
 - In 2020, treatment of stagnant water in buildings was completed, except for the Unit 1-3 Reactor Buildings, Process Main Building and High-Temperature Incinerator Building.
- While conducting the dust impact assessment, measures to reduce the stagnant water level were implemented. In March 2023, the target water level in each building was achieved. For the Units 1-3 Reactor Buildings, "reducing stagnant water in the Reactor Buildings to about half the amount at the end of 2020 during the period FY2022-2024" was achieved.
 - For zeolite sandbags on the basement floors of the Process Main Building and High-Temperature Incinerator Building, measures to reduce the radiation dose are being examined with stabilization

Efforts to stably operate contaminated water management 3

TEPCO

Authority

install sea walls to enhance drainage channels and other measures is being implemented as Various measures are underway to prepare for tsunamis. For heavy rain, sandbags are being installed to suppress direct inflow into buildings while work to close openings in buildings and planned



Progress status

The temperatures of the Reactor and the Primary Containment Vessel of Units 1-3 have been maintained stable.
There was no significant change in the concentration of radioactive materials newly released from Reactor Buildings into the air. It was concluded that the comprehensive cold shutdown condition had been maintained.

Receipt of the implementation plan approval concerning selection and organization change of nuclides subject to measurement and evaluation when discharging ALPS treated water to the sea

To reflect the organization for operation, maintenance and others of the ALPS treated water dilution and discharge facilities, nuclides subject to measurement and evaluation which are conducted to confirm satisfaction of the discharge criteria, the results of the radiation impact assessment based on the review of nuclides subject to measurement and evaluation, and others, TEPCO submitted the application for approval to change the implementation plan concerning the handling of ALPS treated water to the Nuclear Regulation Authority (NRA) in November 2002 and received the approved from NRA on May, 10, 2023

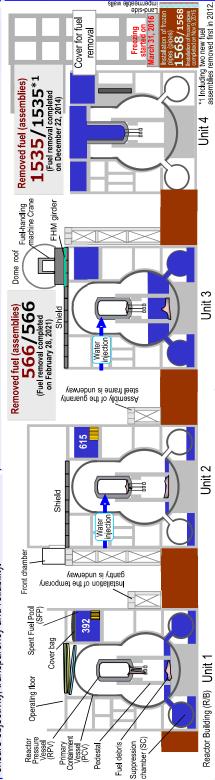
2022 and received the approval from NRA on May 10, 2023. TEPCO will continue to proceed with installation of the ALPS treated water dilution and discharge facilities and related facilities with safety first as well as sincerely responding to the review of the International Atomic Energy Agency (IAEA), and others to ensure objectivity, transparency and reliability.

Progress status of the rearing test of marine organisms

Measurement results of tritium concentration were acquired for gulfweed reared in diluted ALPS treated water to less than 1500 Bq/L in May 2023 and flounder reared in diluted ALPS treated water to approx. 30 Bq/L from November 2022. The results revealed that, as previously, insight and measurement results of flounder and abalones (tritium concentration of less than 1500 Bq/L), tritium concentration inside the body did not exceed the growing environment and after being transferred to normal seawater, the concentration declined.

It was assumed that the concentration of organically bonded tritium (OBT) of flounder reached equilibrium as in the past insight, but the concentration will continue to be monitored.

Live video of marine organisms rearing test Live video of marine organisms rearing test Lives//www.youtube.com/dharnel/UOLEn8NHHX2W



Unit 2 Status of work toward fuel removal

Inside the building, decontamination to reduce the dose rate on the operating floor is underway. From April 28, suction decontamination

started.

Outside the building, the steel frame assembled outside the site was transferred to the inside and assembly of the gantry steel frame for fuel removal is underway on the south side of the Reactor Building. As of May 25, installation of 19 of 45 steel frame units was completed.

Steel frame unit

< Assembly of steel frame units (as of May 16) >

Unit 1 Results of the deposit 3-D mapping of the PCV internal

During the period March 4-8, 2023, the underwater robot ROV-B was injected at the bottom of the Unit 1 Primary Containment Vessel (PCV) to conduct deposit 3-D mapping outside the pedestal.

When comparing the results of this deposit 3-D mapping and the deposit thickness measurement by ROV-C in June 2022, a correlation was identified between both data of deposit heights from the PCV bottom. In the deposit thickness measurement by ROV-C, the heights of some deposit were evaluated. In this investigation, data of 34 points was acquired, which provides a wider-range of continuous data offering an

nsight into deposit height. Implementation of more detailed deposit

nvestigation will be examined

Indicators of the sea area monitoring

Indicators to determine "discharge stop" as facility operation are set as "unusual level" for cases where the surrounding sea area monitoring detects insufficient spreading of discharged water (unusual tritium concentration) and others. The tritium concentration near the discharge outlet (within 3km of the power station) is set to 700 Bq/L and the outside of "near the discharge outlet" (within 10km square of the power station front) is set to 30 Bq/L.

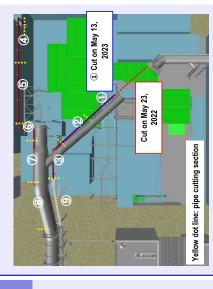
When a value exceeding about a half of the indicator (unusual level) is detected, the facilities, operation status and operation procedures will be checked immediately to confirm no problem, as well as resampling seawater and according to the results, more frequent monitoring will be conducted.

Units 1/2 Progress of pipe cutting for Standby Gas Treatment System

For pipes of the Units 1/2 Standby Gas Treatment System (SGTS), one section was cut in May 2022. Removal is also planned for sections interfering with the installation of the Unit 1 Reactor Building cover and others.

After completing the response to the problem of the pipe support cutting equipment and confirming the cutting performance using mockup pipes inside the power station, cutting of one of nine sections scheduled was completed on May 13, 2023.

Work continues carefully with safety first.



< Plan to cut SGTS pipes >

Results of analyses on the quality of the purified groundwater pumped from the subdrain and groundwater drain systems at Fukushima Daiichi NPS (made available by TEPCO prior to discharge)

| | _ | | (Unit: Bq/L) |
|--|----------------------|-----------|--------------------------|
| Date of compline | | | cal body |
| Date of sampling *Date of discharge | Detected nuclides | TEPCO | Third-party organization |
| | Cs-134 | ND (0.57) | ND (0.81) |
| May27 th , 2023 | Cs-137 | ND (0.67) | ND (0.75) |
| *Discharged on June 1 st | Gross β | ND (2.0) | ND (0.36) |
| Julie 1 | H-3 | 880 | 940 |
| 41 | Cs-134 | ND (0.86) | ND (0.60) |
| May 26 th , 2023 | Cs-137 | ND (0.67) | ND (0.61) |
| *Discharged on May 31 st | Gross β | ND (0.63) | ND (0.44) |
| Way 01 | H-3 | 890 | 940 |
| | Cs-134 | ND (0.86) | ND (0.66) |
| May24 th , 2023 | Cs-137 | ND (0.72) | ND (0.48) |
| *Discharged on May 29 th | Gross β | ND (1.8) | ND (0.36) |
| May 29 | H-3 | 910 | 990 |
| | Cs-134 | ND (0.86) | ND (0.45) |
| May23 th , 2023 | Cs-137 | ND (0.60) | ND (0.72) |
| *Discharged on May 28 th | Gross β | ND (1.8) | ND (0.37) |
| Way 20 | H-3 | 810 | 890 |
| , | Cs-134 | ND (0.87) | ND (0.53) |
| May21 st , 2023 | Cs-137 | ND (0.79) | ND (0.54) |
| *Discharged on May 26 th | Gross β | ND (1.9) | ND (0.49) |
| Wdy 20 | H-3 | 870 | 900 |
| | Cs-134 | ND (0.74) | ND (0.53) |
| May20 th , 2023 | Cs-137 | ND (0.84) | ND (0.61) |
| *Discharged on May 25 th | Gross β | ND (1.9) | ND(0.37) |
| iviay 25** | H-3 | 880 | 930 |
| | Cs-134 | ND (0.92) | ND (0.75) |
| May19 th , 2023 | Cs-137 | ND (0.79) | ND (0.64) |
| *Discharged on May 24 th | Gross β | ND (1.7) | ND (0.40) |
| May 27 | H-3 | 810 | 890 |
| May17 th , 2023 | Cs-134 | ND (0.74) | ND (0.57) |
| *Discharged on | Cs-137 | ND (0.74) | ND (0.54) |
| | | | |

| May 22 nd | Gross β | ND (0.69) | ND (0.36) |
|--|---------|-----------|-----------|
| | H-3 | 720 | 760 |
| NA 40th 0000 | Cs-134 | ND (0.66) | ND (0.57) |
| May16 th , 2023 | Cs-137 | ND (0.67) | ND (0.58) |
| *Discharged on May 21 st | Gross β | ND (1.8) | 0.32 |
| | H-3 | 730 | 790 |
| | Cs-134 | ND (0.98) | ND (0.82) |
| May14 th , 2023 | Cs-137 | ND (0.77) | ND (0.64) |
| *Discharged on May 19 th | Gross β | ND (2.0) | ND (0.36) |
| Way 10 | H-3 | 640 | 700 |
| | Cs-134 | ND (0.74) | ND (0.64) |
| May13 th , 2023 | Cs-137 | ND (0.84) | ND (0.72) |
| *Discharged on May 18 th | Gross β | ND (1.8) | ND (0.36) |
| iviay ro | H-3 | 530 | 570 |
| | Cs-134 | ND (0.79) | ND (0.66) |
| May12 th , 2023 | Cs-137 | ND (0.51) | ND (0.68) |
| *Discharged on | Gross β | ND (1.7) | ND (0.38) |
| May 17 th | H-3 | 640 | 680 |
| | Cs-134 | ND (0.79) | ND (0.49) |
| May10 th , 2023 | Cs-137 | ND (0.77) | ND (0.67) |
| *Discharged on | Gross β | ND (0.69) | 0.46 |
| May15 th | H-3 | 760 | 810 |
| | Cs-134 | ND (0.80) | ND (0.73) |
| May9 th , 2023 | Cs-137 | ND (0.67) | ND (0.70) |
| *Discharged on | Gross β | ND (1.7) | ND (0.38) |
| May14 th | H-3 | 760 | 830 |
| | Cs-134 | ND (0.77) | ND (0.62) |
| May7 th , 2023 | Cs-137 | ND (0.59) | ND (0.54) |
| *Discharged on | Gross β | ND (1.8) | ND (0.42) |
| May12 th | H-3 | 750 | 800 |
| | Cs-134 | ND (0.66) | ND (0.48) |
| MAy6 th , 2023 | Cs-137 | ND (0.62) | ND (0.61) |
| *Discharged on | Gross β | ND (1.7) | 0.48 |
| May11 th | H-3 | 770 | 830 |
| | Cs-134 | ND(0.61) | ND(0.58) |
| May5 th , 2023 | Cs-137 | ` , | , , |
| *Discharged on | | ND(0.82) | ND(0.57) |
| May 10 th | Gross β | ND(1.7) | ND(0.33) |
| | H-3 | 840 | 910 |
| May3 rd , 2023 | Cs-134 | ND (0.79) | ND (0.58) |
| *Discharged on | Cs-137 | ND (0.82) | ND (0.66) |

| May 8 th | | | |
|---------------------------------------|---------|-----------|-----------|
| May 8 | Gross β | ND (2.0) | ND (0.35) |
| | H-3 | 830 | 900 |
| | Cs-134 | ND (0.86) | ND (0.73) |
| May2 nd , 2023 | Cs-137 | ND (0.86) | ND (0.70) |
| *Discharged on May 7 th | Gross β | ND (0.63) | 0.42 |
| way 7** | H-3 | 820 | 880 |
| | Cs-134 | ND (0.92) | ND (0.56) |
| April30 th , 2023 | Cs-137 | ND (0.82) | ND (0.64) |
| *Discharged on | Gross β | ND (1.7) | ND (0.34) |
| May 5 th | H-3 | 850 | 910 |
| | Cs-134 | ND (0.91) | ND (0.68) |
| April29 th , 2023 | Cs-137 | ND (0.76) | ND (0.61) |
| *Discharged on May 4 th | Gross β | ND (1.9) | ND (0.34) |
| Way 4" | H-3 | 850 | 920 |
| | Cs-134 | ND (0.80) | ND (0.59) |
| April28 th , 2023 | Cs-137 | ND (0.67) | ND (0.64) |
| *Discharged on May 3 rd | Gross β | ND (0.64) | ND(0.32) |
| iviay 5°- | H-3 | 890 | 940 |

- * * ND: represents a value below the detection limit; values in () represent the detection limit.
- * In order to ensure the results, third-party organizations have also conducted an analysis and verified the radiation level of the sampled water.
 Third-party organization : Tohoku Ryokka Kankyohozen Co., Ltd

Result of detailed analyses conducted by TEPCO, JAEA, and Japan Chemical Analysis Center (In order to confirm the validity of analysis, the Government of Japan also requests JAEA; and TEPCO requests Japan Chemical Analysis Center to conduct independent analyses)

(Unit: Bq/L)

| l late of campling | Detected | Analytical body | | | |
|----------------------------|----------------------|-----------------|-------------|-----------------------------------|--|
| | Detected nuclides | JAEA | TEPCO | Japan Chemical Analysis Center | |
| April1 st ,2023 | Cs-134 | ND (0.0029) | ND (0.0045) | ND (0.0064) | |
| | Cs-137 | 0.0045 | ND(0.0050) | ND (0.0048) | |
| | Gross α | ND (0.37) | ND (2.0) | ND (2.6) | |
| | Gross β | ND (0.45) | ND (0.58) | ND (0.54) | |
| | H-3 | 800 | 780 | 810 | |
| | Sr-90 | 0.0022 | 0.0022 | 0.0055 | |

^{*} ND: represents a value below the detection limit; values in () represent the detection limit.

(Reference) (Unit: Bq/L)

| Radionuclides | Operational Targets | Density Limit specified by the Reactor Regulation | World Health Organization (WHO) Guidelines for Drinking Water Quality |
|---------------|---------------------|---|---|
| Cs-134 | 1 | 60 | 10 |
| Cs-137 | 1 | 90 | 10 |
| Gross α | _ | _ | _ |
| Gross β | 3 (1) * | _ | _ |
| H-3 | 1,500 | 60,000 | 10,000 |
| Sr-90 | _ | 30 | 10 |

 $[\]divideontimes$ The operational target of Gross β is 1 Bq/L in the survey which is conducted once every ten days.

The reference table shows the values of operational targets before discharge. Since the values after discharge contain natural radioactive materials in seawater, there will be differences between the values and the operational targets values.

Results of analysis on the seawater sampled near the discharge point (North side of Units 5 and 6 discharge channel)

| Date of sampling | Detected nuclides | Sampling point (South discharge channel) |
|---------------------------------------|-------------------|--|
| March 15 th , 2023 | Cs-134 | ND (0.66) |
| *0 | Cs-137 | ND (0.69) |
| *Sampled before discharge of purified | Gross β | 13 |
| groundwater. | H-3 | ND (0.31) |

Results of analyses on the water quality of the groundwater pumped up for bypassing at Fukushima Daiichi NPS (made available by TEPCO prior to discharge)

| | | | (Unit: Bq/ |
|--|-------------------|-----------------|--------------------------|
| Date of compline | | Analytical body | |
| Date of sampling *Date of discharge | Detected nuclides | TEPCO | Third-party organization |
| May26 th , 2023 | Cs-134 | ND (0.74) | ND (0.57) |
| *Discharged on | Cs-137 | ND (0.67) | ND (0.39) |
| May 31 st | Gross β | ND (0.71) | ND (0.31) |
| | H-3 | 52 | 54 |
| | Cs-134 | ND (0.86) | ND (0.70) |
| May19 th , 2023 | Cs-137 | ND (0.74) | ND (0.72) |
| *Discharged on | Gross β | ND (0.62) | ND (0.35) |
| May 24 th | H-3 | 50 | 54 |
| May12 th , 2023 *Discharged on May 17 th | Cs-134 | ND (0.61) | ND (0.64) |
| | Cs-137 | ND (0.60) | ND (0.57) |
| | Gross β | ND (0.63) | ND (0.35) |
| | H-3 | 59 | 56 |
| 1.1 Th. 0000 | Cs-134 | ND (0.66) | ND (0.70) |
| May5 th , 2023 | Cs-137 | ND (0.80) | ND (0.57) |
| *Discharged on May 10 th | Gross β | ND (0.65) | ND (0.35) |
| iviay 10 | H-3 | 55 | 54 |
| A Hooth cocc | Cs-134 | ND (0.91) | ND (0.63) |
| April28 th , 2023 | Cs-137 | ND (0.88) | ND (0.61) |
| *Discharged on May 3 th | Gross β | ND (0.68) | ND (0.29) |
| iviay 5 | H-3 | 53 | 64 |

^{* *} ND: represents a value below the detection limit; values in () represent the detection limit

^{*} In order to ensure the results, third-party organizations have also conducted an analysis and verified the radiation level of the sampled water.

^{*} Third-party organization: Tohoku Ryokka Kankyohozen Co., Ltd

Result of detailed analyses conducted by TEPCO, JAEA, and Japan Chemical Analysis Center (In order to confirm the validity of analysis, the Government of Japan also requests JAEA; and TEPCO requests Japan Chemical Analysis Center to conduct independent analyses)

(Unit: Bq/L)

| Date of sampling Detecte | Detected nuclides | Analytical body | | | |
|-----------------------------|-------------------|-----------------|-------------|-----------------------------------|--|
| | | JAEA | TEPCO | Japan Chemical Analysis Center | |
| | Cs-134 | ND (0.0032) | ND (0.0052) | ND (0.0061) | |
| | Cs-137 | ND (0.0020) | ND (0.0044) | ND (0.0046) | |
| April7 th , 2023 | Gross α | ND (0.48) | ND (2.0) | ND (2.6) | |
| Αριίι/, 2023 | Gross β | ND (0.45) | ND (0.47) | ND (0.52) | |
| | H-3 | 61 | 59 | 62 | |
| | Sr-90 | ND (0.0011) | ND (0.0013) | ND (0.0054) | |

^{*} ND: represents a value below the detection limit; values in () represent the detection limit.

(Reference) (Unit: Bq/L)

| Radionuclides | Operational Targets | Density Limit specified by the Reactor Regulation | World Health Organization (WHO) Guidelines for Drinking Water Quality |
|---------------|---------------------|---|---|
| Cs-134 | 1 | 60 | 10 |
| Cs-137 | 1 | 90 | 10 |
| Gross α | _ | _ | _ |
| Gross β | 5 (1) * | _ | _ |
| H-3 | 1,500 | 60,000 | 10,000 |
| Sr-90 | _ | 30 | 10 |

 $[\]divideontimes$ The operational target of Gross β is 1 Bq/L in the survey which is conducted once every ten days.

The reference table shows the values of operational targets before discharge. Since the values after discharge contain natural radioactive materials in seawater, there will be differences between the values and the operational targets values.

Results of analyses on the seawater sampled near the discharge point (Around South Discharge Channel)

| Date of sampling %conducted four times a year | Detected nuclides | Sampling point (South discharge channel) |
|---|-------------------|--|
| March 15 th , 2023 | Cs-134 | ND (0.80) |
| | Cs-137 | ND (0.55) |
| | Gross β | 12 |
| | H-3 | ND (0.31) |