Press Release

原子力規制委員会
Nuclear Regulation Authority

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Publication of a report on Interlaboratory Comparison (ILC 2024) conducted by the IAEA

Based on the request of the Government of Japan, the International Atomic Energy Agency (IAEA) has been conducting Interlaboratory Comparisons (ILC) since 2014 to assist the Government of Japan in ensuring the reliability and transparency of the results of marine monitoring in Japan. The Interlaboratory Comparison project was initiated as part of the follow-up to recommendations on sea area monitoring included in the report compiled by the IAEA in 2013 regarding the decommissioning of Tokyo Electric Power Company Holdings, Inc. Fukushima Daiichi Nuclear Power Station (1F).

The International Atomic Energy Agency (IAEA) has published a report [1] summarizing the results of the Interlaboratory Comparison (ILC) conducted in 2024. The ILC 2024 involved participation from ALMERA[2] member laboratories designated by the IAEA in China, the Republic of Korea, and Switzerland. The IAEA confirms that Japan's sample collection procedures continue to adhere to appropriate standards required to obtain representative samples, and, based on the accurate analytical results obtained in ILC 2024 and previous ILCs, recognizes the high capability and reliability of Japanese laboratories.

Furthermore, these results are consistent with routine monitoring and indicate that the concentrations of radionuclides in the marine environment around 1F continue to remain relatively low and stable.

[1] The full report can be viewed on the IAEA website. You can also view the ILC introduction video produced by the IAEA. (See URL below)

・Report:

interlaboratory-comparison-2024-determination-of-radionuclides-in-seawater-sediment-and-fish.pdf

・Introduction video:

https://www.iaea.org/newscenter/multimedia/videos/the-fukushima-data-checkers-monitoring-the-monitors

[2] ALMERA (Analytical Laboratories for the Measurement of Environmental Radioactivity) is a network established in 1995 and comprised of 203 member laboratories worldwide, coordinated by the IAEA, to maintain and develop the ability to detect radioactive nuclides in environmental samples.

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