

Nuclide Analysis Results of Radioactive Materials in Seawater < Coast & Offshore >

Appendix 2

(Data summarized on November 4)

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)	Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)	15 km offshore of Fukushima Daiichi Upper layer	15 km offshore of Fukushima Daini Upper layer	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)				
Date of sampling	2011/10/10		2011/10/10		2011/10/10				
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	
	I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Sr-89 (約51日)	1.3	0.00	0.94	0.00	0.029	0.00	ND	-	300
Sr-90 (約29年)	2.1	0.07	1.5	0.05	0.030	0.00	0.023	0.00	30

* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L.

* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

* As I-131 , Cs-134 and Cs-137, we announced on October 11.

* Analyzed by : Japan Analysis Center (Sr-89 , Sr-90) and TEPCO (I-131 , Cs-134 , Cs-137)

(Evaluation)

Sr-89 , Sr-90 were detected presumably due to the effect of the nuclear accident. However they are below the density threshold designated by the notice.