

## Nuclide Analysis Results of Seawater <Coast and Offshore>

Attachment

(Data summarized on October 6)

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	2011/9/12		2011/9/12		2011/9/12		2011/9/12		
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	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Sr-89 (about 51 days)	1.6	0.01	0.17	0.00	0.036	0.00	ND	-	300
Sr-90 (about 29 years)	1.7	0.06	0.18	0.01	0.040	0.00	0.014	0.00	30

\* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm<sup>3</sup> 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.

\* Results of I-131, Cs-134 and Cs-137 were announced on September 13.

\* Analysis Organization: Japan Chemical Analysis Center ( Sr-89 , Sr-90 ) , TEPCO ( I-131 , Cs-134 , Cs-137 )

(Evaluation)

Sr-89 and Sr-90 were detected, which is considered to be caused by the accident of this time, but they are under the density limit by announcement for water.