

# Nuclide Analysis Results of Seawater <Coast and Offshore>

Appendix 2

(Data summarized on September 3)

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	Aug-15, 2011		Aug-15, 2011		N/A	N/A			
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	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	90
Sr-89 (about 51 days)	2.7	0.01	0.62	0.00	-	-	-	-	300
Sr-90 (about 29 years)	2.4	0.08	0.44	0.01	-	-	-	-	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.

\* The data of I-131, Cs-134 and Cs-137 are reported on August 16.

\* 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, it is assumed that the influence of this incident. However each value is under limit density in the water by the announcement.