Measurement Results of the Seawater Sampled at Yotsukura Beach and Nakoso Beach

<Reference>
July 26, 2013
Tokyo Electric Power Company

1. Sampling Location
(1) 2 locations at Yotsukura beach (North side, South side)
(2) 3 locations at Nakoso beach (North side, Central part, South side)

2. Sampling method
Seawater is sampled directly from sea surface (surface layer) and 0.1m from the bottom of the sea (lower layer) at the location of approx. 1.0m deep.

Unit: Bq/L

		Yotsukura beach				Nakoso beach					
		North side, surface layer	North side, lower layer	South side, surface layer	South side, lower layer	North side, surface layer	North side, lower layer	Central part, surface layer	Central part, lower layer	South side, surface layer	South side, lower layer
Date of sampling		Jul 25, 2013				Jul 25, 2013					
Time of sampling		4:50 PM	4:50 PM	4:40 PM	4:40 PM	3:20 PM	3:20 PM	3:00 PM	3:00 PM	2:30 PM	2:30 PM
Cs-134	Density	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Detection limit	1.3	1.2	1.0	1.5	1.3	1.0	1.2	1.2	1.3	1.4
Cs-137	Density	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Detection limit	0.90	1.3	1.2	1.3	1.2	1.0	1.0	1.1	1.4	1.0
All β	Density										
	Detection limit										
H-3	Density										
	Detection limit										
Sr-90	Density										
	Detection limit										

Under analysis

(Note) "ND" indicates that the measurement result is below the detection limit

Analysis method of the samples obtained on July 25 at the beaches

Object item	Analysis method	Operation manual, etc.
Cesium	γ ray spectrometry (No pre-treatment, measured directly)	"Guideline Regarding the Measurement of the Emitted Radioactive Material at the Power Generation Light Water Reactor Facilities" (Nuclear Safety Commission)
All β	Evaporation to dryness metho	"Guideline Regarding the Measurement of the Emitted Radioactive Material at the Power Generation Light Water Reactor Facilities" (Nuclear Safety Commission)
Tritium	Distillation method	"Guideline Regarding the Measurement of the Emitted Radioactive Material at the Power Generation Light Water Reactor Facilities" (Nuclear Safety Commission)
Strontium	Fuming nitric acid method	"Radioactivity Measurement Method Series" (Ministry of Education, Culture, Sports, Science and Technology)