Nuclide Analysis Results of Radioactive Materials in Seawater
Water Intake Canal of Units 1-4, Fukushima Daiichi Nuclear Power Station

Attachment

(Data summarized on October 15)

Place of Sampling	Inside north water intake canal of 1F's Units 1-4		② 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		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	40
Cs-134 (about 2 years)	88	1.5	60
Cs-137 (about 30 years)	100	1.1	90
H-3 (about 12 years)	470	0.01	60,000
all alpha-radioactivity	ND	—	—
all beta-radioactivity	380	—	—

* 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 wit
* Analysis result of I-131, Cs-134 and Cs-137 was released on Sep. 13.

(Evaluation)
H-3 and all beta-radioactivity were detected, which is considered to be caused by the accident of this