

The Results of Nuclide Analyses of Radioactive Materials in the Seawater  
 Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 1-4 and Unit 2-3 screen

(Data summarized on June 12)

Place of Collection	Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		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)
	Time and date of sample collection		Time and date of sample collection		Time and date of sample collection		
Detected nuclide (half-life)	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)	3,600	90	77,000	1900	5,800	150	40
Cs-134 (about 2 years)	16,000	270	18,000	300	62,000	1000	60
Cs-137 (about 30 years)	17,000	190	19,000	210	66,000	730	90
Sr-89 (about 51days)	7,700	26	20,000	67	24,000	80	300
Sr-90 (about 29years)	1,600	53	5,100	170	7,300	240	30

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

I-131, Cs-134, Cs-137 were announced on May 17

Organization of analysis: Japan Chemical Analysis Center(Sr-89,90), Tokyo Electric Power Company(I-131, Cs-134, Cs-137)

(Evaluation)

Detecting Sr-89, 90 are considered to be effect of this accident.