

The Results of Nuclide Analyses of Radioactive Materials in the Seawater < inside of water intake >

Attachment

(Data summarized on August 4)

Place of Sampling	Inside the north of 1F's Unit 1-4 Water Intake Canal		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	July 11, 2011		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (/)	
I-131 (approx. 8 days)	ND		40
Cs-134 (approx. 2 years)	410	6.8	60
Cs-137 (approx. 30 years)	450	5.0	90
Sr-89 (approx. 51 days)	410	1.4	300
Sr-90 (approx. 29 years)	170	5.7	30

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/L" converted from the value originally in "Bq/cm3".

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1
Results on I-131, Cs-134 and Cs-137 were announced on July 12.

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

(Valuation)

Sr-89 and Sr-90 were detected, which is considered to be an impact from the accident this time.