

Results of the radioactive material analysis related to the leaked water from the pipeline connecting from Desalination System (Reverse Osmosis Membrane) to Concentrated Water Storage Tank in Fukushima Daiichi Nuclear Power Station

Unit 1 to 4 side of South Discharge Channel

【 Sampling Point 】 Unit 1 to 4 side of South Discharge Channel

【 Sampling Date and Time 】 At 6:15 AM on April 5, 2012 (Thursday)

【 Results 】

*Red frame: We remeasured the sample with the detection limit which was lowered.

Nuclide	Concentration of Radioactive Material (Bq/cm ³)	Detection Limit (Bq/cm ³)	Half-life Period
I-131	Below Detection Limit	5.3×10^{-4}	About 8 days
Cs-134	Below Detection Limit	1.3×10^{-3}	About 2 years
Cs-137	Below Detection Limit	1.6×10^{-3}	About 30 years
Sb-125	Below Detection Limit	1.6×10^{-3}	About 3 years
All	2.0×10^{-2}	3.9×10^{-3}	-
Sr-89	Below Detection Limit	2.0×10^{-3}	About 51 days
Sr-90	1.0×10^{-2}	9.7×10^{-5}	About 29 years

This shows only detected nuclides.

Unit 1 to 4 side of South Discharge Channel

【Sampling Point】 Unit 1 to 4 side of South Discharge Channel

【Sampling Date and Time】 At 8:30 AM on June 22, 2012 (Friday)

【Results】

Nuclide	Concentration of Radioactive Material (Bq/cm ³)	Detection Limit (Bq/cm ³)	Half-life Period
I-131	Below Detection Limit	4.5×10^{-4}	About 8 days
Cs-134	Below Detection Limit	1.2×10^{-3}	About 2 years
Cs-137	Below Detection Limit	1.5×10^{-3}	About 30 years
Sb-125	Below Detection Limit	1.3×10^{-3}	About 3 years
All	Below Detection Limit	2.7×10^{-2}	-

This shows only detected nuclides.