

Result of the sampling regarding the water leakage in the transfer line from the water desalinations (reverse osmosis membrane) to the concentrated water storage tanks in Fukushima Daiichi Nuclear Power Station

1. Sampling results of water around south-side discharge canal of Units 1- 4

【 Sampling Point 】 Around south-side discharge canal of Units 1- 4

【 Sampling Date and Time 】 At 8:25 on April 9, 2012

【 Results 】

Nuclide	Concentration of Radioactive Material (Bq/cm ³)	Limit of Detection (Bq/cm ³)	Half-life Period
I-131	Below Limit of Detection	5.5×10^{-4}	About 8 days
Cs-134	Below Limit of Detection	1.3×10^{-3}	About 2 years
Cs-137	1.7×10^{-3}	1.6×10^{-3}	About 30 years
Sb-125	Below Limit of Detection	1.5×10^{-3}	About 3 years
All	Below Limit of Detection	1.6×10^{-2}	-

This shows only detected nuclides.

2. Sampling results of downstream dam of drain

【 Sampling Point 】 Downstream dam of drain

【 Sampling Date and Time 】 At 9:10 on April 9, 2012

【 Results 】

Nuclide	Concentration of Radioactive Material (Bq/cm ³)	Limit of Detection (Bq/cm ³)	Half-life Period
I-131	Below Limit of Detection	1.1×10^{-2}	About 8 days
Cs-134	3.1×10^{-2}	2.6×10^{-2}	About 2 years
Cs-137	3.7×10^{-2}	3.2×10^{-2}	About 30 years
Sb-125	Below Limit of Detection	4.2×10^{-2}	About 3 years
All	8.2×10^0	2.0×10^{-2}	-

This shows only detected nuclides.

3. Sampling results of downstream dam of drain

【 Sampling Point 】 Downstream dam of drain

【 Sampling Date and Time 】 At 9:20 on April 9, 2012

【 Results 】

Nuclide	Concentration of Radioactive Material (Bq/cm ³)	Limit of Detection (Bq/cm ³)	Half-life Period
I-131	Below Limit of Detection	1.3×10^{-2}	About 8 days
Cs-134	Below Limit of Detection	3.0×10^{-2}	About 2 years
Cs-137	Below Limit of Detection	3.5×10^{-2}	About 30 years
Sb-125	Below Limit of Detection	4.4×10^{-2}	About 3 years
All	1.4×10^{-1}	2.0×10^{-2}	-

This shows only detected nuclides.