

## Result of the Sampling regarding the Water Leakage in the Area of Concentrated Water Storage Tanks of Water Desalinations (Reverse Osmosis Membrane) in Fukushima Daiichi Nuclear Power Station

### Sampling Results on the Point around the South Discharge Canal of Unit 1-4

【Sampling Point】 Point around the South Discharge Canal of Unit 1-4

【Sampling Date and Time】 At 8:25 on April 22, 2012

【Results】

Nuclide	Concentration of Radioactive Material ( Bq/cm <sup>3</sup> )	Limit of Detection ( Bq/cm <sup>3</sup> )	Half-life Period
I-131	Below Limit of Detection	$5.4 \times 10^{-4}$	About 8 days
Cs-134	Below Limit of Detection	$1.3 \times 10^{-3}$	About 2 years
Cs-137	Below Limit of Detection	$1.6 \times 10^{-3}$	About 30 years
Sb-125	Below Limit of Detection	$1.5 \times 10^{-3}$	About 3 years
All	Below Limit of Detection	$2.6 \times 10^{-2}$	-

Only major nuclides are shown for    nuclides.

## Sampling Results on the Point around the South Discharge Canal of Unit 1-4

【Sampling Point】 Point around the South Discharge Canal of Unit 1-4

【Sampling Date and Time】 At 8:30 on April 23, 2012

【Results】

Nuclide	Concentration of Radioactive Material ( Bq/cm <sup>3</sup> )	Limit of Detection ( Bq/cm <sup>3</sup> )	Half-life Period
I-131	Below Limit of Detection	$8.4 \times 10^{-4}$	About 8 days
Cs-134	Below Limit of Detection	$2.0 \times 10^{-3}$	About 2 years
Cs-137	Below Limit of Detection	$2.4 \times 10^{-3}$	About 30 years
Sb-125	Below Limit of Detection	$2.2 \times 10^{-3}$	About 3 years
全	Below Limit of Detection	$2.6 \times 10^{-2}$	-

Only major nuclides are shown for nuclides.