<Reference>
March 27, 2012
Tokyo Electric Power Company

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

1. Sampling Results on the Leaked Water in the Area of Concentrated Water Storage Tanks

【 Sampling Point】 Leaked Water in the Area of Concentrated Water Storage Tanks

【Sampling Date and Time】 At 10:00 on March 26, 2012

【Results】

Red frame: additional data since previous (Mar.26) announcement

Nuclide	Concentration of Radioactive material（Bq/cm^3）	Limit of Detection（Bq/cm^3）	Half-life period
I-131	Below limit of detection	4.3×10^{-1}	About 8 days
Cs-134	4.1×10^{0}	6.1×10^{-1}	About 2 years
Cs-137	6.3×10^{0}	3.1×10^{-1}	About 30 years
Sb-125	8.1×10^{1}	1.2×10^{0}	About 3 years
All β	1.4×10^{5}	1.9×10^{2}	—

described major γ nuclide detected

2. Sampling Results on the Upstream Point of the Drainage in the Area of Concentrated Water Tanks

【Sampling Point】 Upstream Point of the Drainage in the Area of Concentrated Water Storage Tanks

【Sampling Date and Time】 At 15:30 on March 26, 2012

【Results】

Red frame: additional data since previous (Mar.26) announcement

Nuclide	Concentration of Radioactive Material（Bq/cm^3）	Limit of Detection（Bq/cm^3）	Half-life Period
I-131	Below Limit of Detection	9.7×10^{-3}	About 8 days
Cs-134	Below Limit of Detection	2.6×10^{-2}	About 2 years
Cs-137	Below Limit of Detection	3.1×10^{-2}	About 30 years
Sb-125	Below Limit of Detection	2.9×10^{-2}	About 3 years
All β	3.9×10^{-1}	2.1×10^{-2}	—

described major γ nuclide detected

3. Sampling Results on the Downstream Point of the Drainage in the Area of Concentrated Water Tanks

【Sampling Point】 Downstream Point of the Drainage in the Area of Concentrated Water Storage Tanks

【Sampling Date and Time】 At 10:20 on March 26, 2012

【Results】

Red frame: additional data since previous (Mar.26) announcement

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	3.1×10^{-2}	About 2 years
Cs-137	Below Limit of Detection	3.1×10^{-2}	About 30 years
Sb-125	4.3×10^{-2}	4.2×10^{-2}	About 3 years
All β	6.8×10^{1}	2.1×10^{-1}	—

described major γ nuclide detected

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

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

【Sampling Date and Time】 At 8:20 on March 26, 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	9.1×10^{-4}	About 8 days
Cs-134	Below Limit of Detection	1.2×10^{-3}	About 2 years
Cs-137	2.1×10^{-3}	1.1×10^{-3}	About 30 years
Sb-125	1.5×10^{-2}	2.7×10^{-3}	About 3 years
All β	1.7×10^{1}	2.1×10^{-2}	—

described major γ nuclide detected

5. Sampling Results on the Point around the Discharge Canal of Unit 1-4

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

【Sampling Date and Time】 At 10:30 on March 26, 2012

【Results】

Red frame: additional data since previous (Mar.26) announcement

Nuclide	Concentration of Radioactive Material（Bq/cm^3）	Limit of Detection（Bq/cm^3）	Half-life Period
I-131	Below Limit of Detection	6.4×10^{-4}	About 8 days
Cs-134	1.2×10^{-3}	9.4×10^{-4}	About 2 years
Cs-137	2.5×10^{-3}	1.0×10^{-3}	About 30 years
Sb-125	Below Limit of Detection	2.0×10^{-3}	About 3 years
All β	2.5×10^{-1}	1.9×10^{-2}	—

described major γ nuclide detected

6. Sampling Results on the Point around the Discharge Canal of Unit 1-4

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

【Sampling Date and Time】 At 17:25 on March 26, 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	7.1×10^{-4}	About 8 days
Cs-134	3.9×10^{-3}	8.6×10^{-4}	About 2 years
Cs-137	4.0×10^{-3}	1.0×10^{-3}	About 30 years
Sb-125	Below Limit of Detection	2.0×10^{-3}	About 3 years
All β	3.0×10^{-1}	2.1×10^{-2}	—

described major γ nuclide detected

7. Sampling Results on the Point around the Discharge Canal of Unit 1-4

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

【Sampling Date and Time】 At 8:30 on March 27, 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	5.8×10^{-4}	About 8 days
Cs-134	Below Limit of Detection	8.7×10^{-4}	About 2 years
Cs-137	Below Limit of Detection	1.1×10^{-3}	About 30 years
Sb-125	Below Limit of Detection	1.6×10^{-3}	About 3 years
All β	8.6×10^{-2}	1.7×10^{-2}	—

described major γ nuclide detected

8. Sampling result of sea water as a result of the Water Leakage in the Area of Concentrated Water Storage Tanks of Water Desalinations

【Sampling Point】3km offshore of Fukushima Daiichi NPS

【Sampling Date and Time】 At 10:55 on March 26, 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	6.0×10^{-4}	About 8 days
Cs-134	Below Limit of Detection	8.2×10^{-4}	About 2 years
Cs-137	Below Limit of Detection	9.9×10^{-4}	About 30 years
Sb-125	Below Limit of Detection	1.7×10^{-3}	About 3 years
All β	Below Limit of Detection	2.1×10^{-2}	—

described major γ nuclide detected

9. Sampling result of sea water as a result of the Water Leakage in the Area of Concentrated Water Storage Tanks of Water Desalinations

【Sampling Point】3km offshore of Fukushima Daini NPS

【Sampling Date and Time】 At 11:20 on March 26, 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	6.8×10^{-4}	About 8 days
Cs-134	Below Limit of Detection	8.9×10^{-4}	About 2 years
Cs-137	Below Limit of Detection	1.0×10^{-3}	About 30 years
Sb-125	Below Limit of Detection	1.3×10^{-3}	About 3 years
All β	Below Limit of Detection	2.1×10^{-2}	—

described major γ nuclide detected