【Reference】

Results of the soil analysis near Miscellaneous Solid Waste Volume Reduction Treatment Building（High temperature incinerator Facility）

June 16, 2011
Tokyo Electric Power Company

■Outline

Shown below are the results of soil analysis we conducted to confirm any outside leakage of transferred accumulated water from miscellaneous solid waste volume reduction treatment building (High temperature incinerator facility).

When compared to the past nuclide analysis results of sub-drain water※ near the buildings, no significant difference was found. Therefore, we consider that there is no influence of outside leakage of accumulated water.

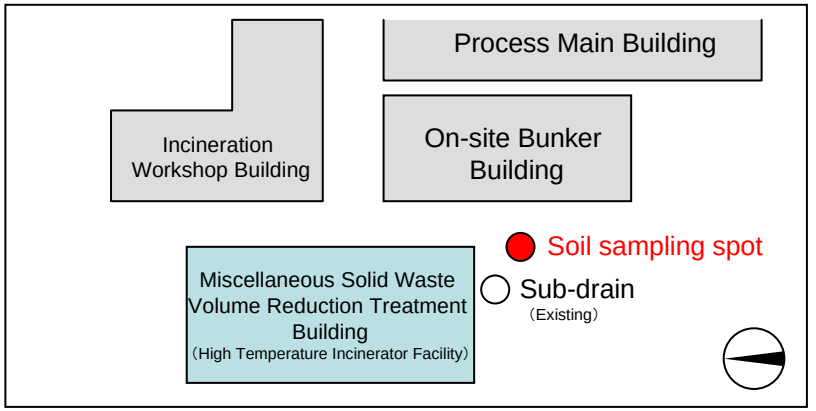

Fig.1：Soil sampling spot adjacent to Miscellaneous Solid Waste Volume Reduction Treatment Building (High Temperature Incinerator Facility)

※Results of the Nuclide Analysis for Sub-drain water
(Southeast side of Miscellaneous Solid Waste Volume Reduction Treatment Building)

6/12　I-131：ND、Cs-134：4.3×10^{1}Bq/L、Cs-137：5.8×10^{1}Bq/L

6/13　I-131：1.1×10^{1}Bq/L 、Cs-134：1.3×10^{2}Bq/L、Cs-137：1.5×10^{2}Bq/L

Place of sampling	Miscellaneous Solid Waste Volume Reduction Treatment Building (Southeast side)							
	6.00m～6.25m	7.00m～7.25m	8.00m～8.25m	9.00m～9.25m	10.00m～10.25m	11.00m～11.25m	12.00m～12.25m	13.00m～13.25m
Time and Date of Sample Collection	11:37 am June 12, 2011	12:21 pm June 12, 2011	12:45 pm June 12, 2011	1:25 pm June 12, 2011	1:45 pm June 12, 2011	11:00 am June 13, 2011	11:20 am June 13, 2011	11:50 am June 13, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample（Bq/cm^3）							
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	1.5E+02	1.6E+02	7.0E+01	2.3E+02	1.2E+02	7.3E+01	6.9E+01	5.6E+01
Cs-137 (about 30 years)	1.5E+02	1.6E+02	6.9E+01	2.4E+02	1.4E+02	7.6E+01	6.9E+01	5.6E+01

※　O.OE－O means O.O×10.

※　Data of other nuclides are under evaluation.

※　ND means that the detected amount is below the detection limit in this analysis (I-131: approx. 9E-3Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3). However, nuclides below limits might be detected since detection limits depend on detectors and nature of samples.

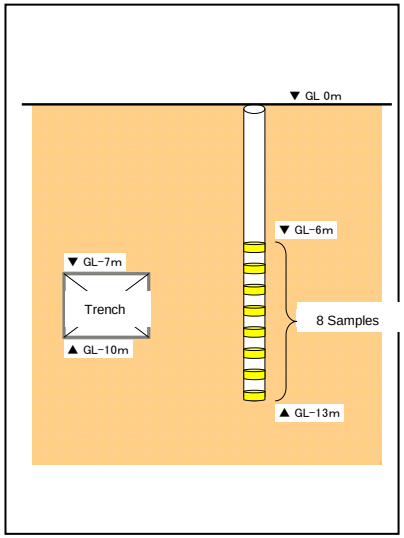

Fig.2：Soil sampling spot