Nuclides Analysis Result of Radioactive Materials of Sub-Drain <1/2>

(Data summarized on April 9)

Place of Sampling	Unit 2 Sub-Drain at Fukushima Daiichi NPS	Unit 4 Sub-Drain at Fukushima Daiichi NPS
Date of Sampling	Dec 10, 2012	Dec 10, 2012
Detected Nuclides (Half-life)	Density of Sample (Bq/cm^3)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	2.2E-01	1.8E-02
Cs-137 (Approx. 30 years)	4.3E-01	2.7E-02
H-3 (approx. 12yrs)	5.6E-01	6.3E+00
All α	ND	ND
All β	1.0E+00	4.0E-02
Sr-89 (Approx. 51 days)	ND	ND
Sr-90 (Approx. 29 years)	2.9E-01	4.9E-04

* O.OE±O is the same as O.O x $10^{\pm O}$

* Nuclide analysis results of I-131, Cs-134, Cs-137 were announced on December 11, 2012.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
I-131: Approx. 1E-2Bq/cm^3, All α: Approx. 2E-3Bq/cm^3, Sr-90: Approx. 2E-1Bq/cm^3
As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

(Evaluation)

H-3, All β, and Sr-90 were detected supposedly as a result of this accident.

Nuclides Analysis Result of Radioactive Materials of Sub-Drain <2/2>

(Data summarized on April 9)

Place of Sampling	Unit 2 Sub-Drain at Fukushima Daiichi NPS	Unit 5 Sub-Drain at Fukushima Daiichi NPS
Date of Sampling	Jan 14, 2013	Jan 11, 2013
Detected Nuclides (Half-life)	Density of Sample (Bq/cm^3)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	3.7E-01	ND
Cs-137 (Approx. 30 years)	6.4E-01	ND
H-3 (approx. 12yrs)	7.9E-01	5.8E-02
All α	ND	ND
All β	3.2E+00	ND
Sr-89 (Approx. 51 days)	ND	ND
Sr-90 (Approx. 29 years)	1.4E+00	5.2E-04

* O.OE±O is the same as O.O x $10^{\pm O}$

* Nuclide analysis results of I-131, Cs-134, Cs-137 were announced on January 12 and 15, 2013.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
I-131: Approx. 2E-2Bq/cm^3, Cs-134: Approx. 2E-2Bq/cm^3, Cs-137: Approx. 2E-2Bq/cm^3,
All α: Approx. 2E-3Bq/cm^3, All β : 9E-3Bq/cm^3, Sr-89: Approx. 3E-1Bq/cm^3
As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

(Evaluation)

H-3, All β, and Sr-90 were detected supposedly as a result of this accident.