Sub drain Nuclide Analysis result

(Data summarized on December 10)

Place of Sampling	Fukushima Daiichi Unit 2 sub-drain	Fukushima Daiichi Unit 5 sub-drain
Date of Sampling	Jul 11, 2014	Jul 11, 2014
Detected Nuclides (Half-life)	Density of Sample (Bq/cm^3)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	8.7E-02	ND
Cs-137 (Approx. 30 years)	2.7E-01	ND
H-3 (approx. 12yrs)	2.8E-01	1.2E-02
All α	ND	ND
All β	6.1E-01	5.3E-03
Sr-89 (Approx. 51 days)	ND	ND
Sr-90 (Approx. 29 years)	1.3E-01	7.2E-05

*〇.〇E±〇 means same as 〇.〇×１０±〇

* I-131, Cs-134, Cs-137 were announced on 12 July, 2014

* 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, Cs-134:Approx.1E-2Bq/cm^3, Cs-137:Approx.2E-2Bq/cm^3,
All α:Approx.3E-3Bq/cm^3, Sr-89:Approx.3E-4Bq/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.

* Sr was analyzed by :Kaken co., ltd

(Evaluation)

H-3, All β radiations, Sr-90 were detected, and they were considered as a result of the accidnet

Analysis result of Pu in sub-drain at Fukushima Daiichi NPS <1/2>

1.Measurement result

(Data summarized on December 10)

（Unit：Bq/cm^3）

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
Unit 2 sub drain	11 Jul, 2014	N.D. [5.8×10^{-7}]	N.D. [5.3×10^{-7}]
Unit 5 sub drain	11 Jul, 2014	N.D. [5.9×10^{-7}]	N.D. [5.0×10^{-7}]

[ ] shows detection limit value

2.Analyzed by: Kaken co.,ltd

3.Evalutation

Pu-238,Pu-239+Pu-240 were not detected among the samples measured this time

Analysis result of Pu in sub-drain at Fukushima Daiichi NPS <2/2>

1.Measurement result

(Data summarized on December 10)

（Unit：Bq/cm^3）

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
Unit 2 sub-drain	8 Aug, 2014	N.D. [5.9×10^{-7}]	N.D. [5.4×10^{-7}]
Unit 6 sub-drain	8 Aug, 2014	N.D. [6.8×10^{-7}]	N.D. [5.7×10^{-7}]

[ ] shows detection limit value

2.Analyzed by: Kaken co.,ltd

3.Evalutation

Pu-238,Pu-239+Pu-240 were not detected among the samples measured this time