

Revised

Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

< Reference >
April 23, 2012
Tokyo Electric Power Company

Place of Sampling	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS Deep well
Date of sampling	March 12, 2012	March 12, 2012	March 12, 2012
Detected Nuclides (Half-life)	density of sample (Bq/cm ³)		
I-131 (approx. 8 days)	ND	ND	ND
Cs-134 (approx. 2 years)	1.8E-01	ND	ND
Cs-137 (approx. 30 years)	2.5E-01	ND	ND
H-3 (approx. 12 years)	1.3E+00	ND	ND
All α	ND	ND	ND
All β	8.5E-01	ND	ND
Sr-89 (about 51 days)	1.7E-02	ND	ND
Sr-90 (about 29 years)	1.2E-01	4.3E-04	ND

* O.OE - O means O.O x 10-O

* Analysis results on I-131, Cs-134 and Cs-137 were announced on March 13.

* In the case the measurement is under the detection threshold, "ND" is marked.

I-131: approx. 2E-2Bq/cm³ , Cs-134: approx. 2E-2Bq/cm³ , Cs-137: approx. 3E-2Bq/cm³ ,

H-3: approx. 1E-1Bq/cm³ , All α: approx. 4E-3Bq/cm³ , All β: approx. 2E-2Bq/cm³ ,

Sr-89: approx. 2E-4Bq/cm³ , Sr-90: approx. 5E-5Bq/cm³

In addition, the detection threshold is different according to the detectors and the sample forms. So, it is possible to detect the nuclide under detection threshold.

* Nuclide analysis for Sr-89 and Sr-90 was conducted by Japan Chemical Analysis Center.

(Evaluation)

H-3, all , Sr-89 and Sr-90 were detected and it seems to be due to the effect of the accident,

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All α	ND	ND	ND
All β	8.5E-01	ND	ND
Sr-89 (approx. 51 days)	1.7E-02	ND	ND
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