Result of Pu Nuclide Analysis of Sub-Drain at Fukushima Daiichi Nuclear Power Station <1/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/cm^3)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
Unit 2 Sub-Drain	Apr 15, 2013	N.D. [7.3×10^{-7}]	N.D. [8.0×10^{-7}]
Unit 1 Sub-Drain	Apr 15, 2013	$(8.7\pm0.76)\times10^{-6}$	$(2.3\pm0.37)\times10^{-6}$

[ ] shows below the detection limit.

2. Analytical Institution
KAKEN Inc.

3. Evaluation:
The densities of Plutonium detected in the soil at the site are the same level as those of the fallouts observed before the accident.
At Unit 1 sub-drain, Strontium density was increased after the rain, since radioactive materials piled on the soil was flowed into the sub-drain.
Therefore, Plutonium detected this time is supposed to be those accumulated on the ground after the accident (not from the new leak at the Building), and was flowed into the sub-drain conveyed by rainwater.

End

Result of Pu Nuclide Analysis of Sub-Drain at Fukushima Daiichi Nuclear Power Station <2/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/cm^3)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
Unit 2 Sub-Drain	May 13, 2013	N.D. [5.9×10^{-7}]	N.D. [5.9×10^{-7}]
Unit 3 Sub-Drain	May 13, 2013	N.D. [4.7×10^{-7}]	N.D. [5.1×10^{-7}]

[ ] shows below the detection limit.

2. Analytical Institution
KAKEN Inc.

3. Evaluation:
Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

Result of Pu Nuclide Analysis of Sub-Drain at Fukushima Daiichi Nuclear Power Station <3/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/cm^3)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
Unit 2 Sub-Drain	Jun 10, 2013	N.D. [6.2×10^{-7}]	N.D. [6.2×10^{-7}]
Unit 4 Sub-Drain	Jun 10, 2013	N.D. [8.3×10^{-7}]	N.D. [9.2×10^{-7}]

[ ] shows below the detection limit.

2. Analytical Institution
KAKEN Inc.

3. Evaluation:
Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

Result of Pu Nuclide Analysis of Sub-Drain at Fukushima Daiichi Nuclear Power Station <4/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/cm^3)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
Unit 2 Sub-Drain	Jul 15, 2013	N.D. [6.0×10^{-7}]	N.D. [6.0×10^{-7}]
Unit 5 Sub-Drain	Jul 12, 2013	N.D. [1.1×10^{-6}]	N.D. [1.2×10^{-6}]

[ ] shows below the detection limit.

2. Analytical Institution
KAKEN Inc.

3. Evaluation:
Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End