

# Puddle found in Unit 2 Turbine Building of Fukushima Daiichi Nuclear Power Station

February 27, 2013  
Tokyo Electric Power Company

Regarding the puddle found near the center of the Heater Room on the first floor of Unit 2 Turbine Building, radioactivity density analysis was performed on the puddle found on the floor of the Turbine Exhaust Filter Room on the second floor of the Turbine Building (the puddle was identified to be the water dripping from the ceiling on February 25). The results are as follows.

Radioactivity density analysis results of the water dripping from the ceiling of the Turbine Exhaust Filter Room on the second floor:

Cs-134:  $1.1 \times 10^0 \text{Bq/cm}^3$ , Cs-137:  $1.9 \times 10^0 \text{Bq/cm}^3$

<Reference> Radioactivity density analysis results of the puddle on the floor on the Heater Room on the first floor

Cs-134:  $1.3 \times 10^2 \text{Bq/cm}^3$ , Cs-137:  $2.5 \times 10^2 \text{Bq/cm}^3$

Based on these results, the water dripping from the ceiling of the Turbine Exhaust Filter Room on the second floor is considered to be rainwater.

Ceiling on the second floor (Photo taken on February 25 by TEPCO)



Location where water was found to be dripping

Ceiling on the first floor (Photo taken on February 23 by TEPCO)



Location where water was found to be dripping

Puddle on the second floor (Photo taken on February 25 by TEPCO)



Puddle

Puddle on the first floor (Photo taken on February 23 by TEPCO)



Puddle