

## Investigation of Radioactive Material

**TEPCO will start investigation of a material under the request from the Ministry of the Environment, which was found during a disposal work of earthquake disaster debris by the Ministry of the Environment, and was brought to Fukushima Daiichi NPS.**

<Overview>

- On June 20, 2013, the highly contaminated material by radioactivity was sampled during a disposal work of earthquake disaster debris at Naraha-machi (zone in preparation for having the evacuation order lifted).
- We received the request from Fukushima environmental reconstruction office of the Ministry of the Environment to analyze the material, based on the possibility that the higher density originate from the accident of Fukushima Daiichi NPS.
- On July 1, we brought the material to Fukushima Daiichi NPS in order to start investigation.

### [Information of the sampled material (from the Ministry of the Environment)]

Location where the material was found: Riverside near the mouth of Idegawa at Naraha-machi, Futaba-gun, Fukushima Prefecture

Situation when the material was found: A hot spot (high dose point) was found during the radiation measurement at a disposal work of earthquake disaster debris. As a result of detailed survey to identify the location, the material was sampled.

Radiation density: Dose equivalent rate

	Surface	30cm
$\gamma$ ray	105 $\mu$ Sv/h	23 $\mu$ Sv/h
$\beta \gamma$ ray	3400 $\mu$ Sv/h	26 $\mu$ Sv/h

Surface concentration of contamination : More than 100,000 cpm

Size: Debris of length approx. 3cm x width approx. 1.5cm x thickness approx. 0.5cm



The material



Container of the material  
(Fukushima Daiichi NPS)