





Investigation of Radioactive Material (Progress Report)

<Reference>
August 22, 2013
Tokyo Electric Power Company

- We would like to report the status of the following 4 materials, which were found during decontamination work by Fukushima Environmental Reconstruction Office of the Ministry of the Environment at Naraha-machi, Futaba-gun, Fukushima Prefecture, and were requested to TEPCO for analysis investigation.
- On August 21, we requested to the Japan Atomic Energy Agency (JAEA) for a detailed analysis (quantitative analysis of radioactivity, etc.) of the materials.
 - Since some procedures are needed to transport the materials from Fukushima Daiichi NPS to the JAEA, we are proceeding toward transportation by late September.
 - Analysis in JAEA is scheduled to be completed by late November.

(Reference) Sampled materials

	Date of finding	Appearance	Surface dose rate ($\mu\text{Sv} / \text{hour}$)		
			$\beta + \gamma$ *1		$\beta + \gamma / \gamma$
Material (1)	June 20, 2013		$\beta + \gamma$ *1	1,000	$\beta + \gamma / \gamma$ =11.8
			γ *2	85	
Material (2)	July 2, 2013		$\beta + \gamma$ *1	2,400	$\beta + \gamma / \gamma$ =8
			γ *2	300	
Material (3)	July 5, 2013		$\beta + \gamma$ *1	36,000	$\beta + \gamma / \gamma$ =90
			γ *2	400	
Material (4)	July 5, 2013		$\beta + \gamma$ *1	780	$\beta + \gamma / \gamma$ =4.3
			γ *2	180	

*1: Dose equivalent rate measured within $70 \mu\text{m}$ (used for radiation exposure management of skin or the lens of the eye) with removing a cap of a shallow ionization chamber survey meter.

*2: Dose equivalent rate measured within 1cm (used for radiation exposure management utilizing effective dose) without removing a cap of a shallow ionization chamber survey meter.