

(Attachment)

March 22, 2011

Nuclear and Industrial Safety Agency

Regarding the result of analyzing the samples from the seawater around Fukushima Dai-ichi Nuclear Power Station of Tokyo Electric Power Co.

1. At 14:30 March 21th, Tokyo Electric Power Co.(TEPCO) took the samples of seawater at the coast line from about 100m south of the water discharge gates of Units 1 to 4 of Fukushima Dai-ichi Nuclear Power Station (NPS) and carried out Radioactive Nuclide Analysis.
2. The result of the analysis was reported at 21:40 March 21th. It showed that the radioactive nuclides of Cobalt, Iodine and Cesium were detected as given in the table below.
3. Among those nuclides detected, Iodine-131, Cesium-134 and Cesium-137 exceeded “the concentration criteria in the liquid effluents outside the surrounding area given by the notification of radiation dose.”
4. Although the measured results exceeded the allowable criteria of concentration, considering the evacuation of the residents within 20-kilometer radius from the Fukushima Dai-ichi NPS and the current situation of usage of this ocean area, there is no immediate risk to human health.
5. We are asking Nuclear Security Commission (NSC) of Japan to assess the measured results. However, we have only one survey point at the current moment and NSC may be unable to present an appropriate assessment by this data only. Therefore, Ministry of Education, Culture, Sports, Science and Technology will start the monitoring survey of the ocean and TEPCO will also continue the survey.

Major radioactive nuclides detected	Concentration of radioactive nuclide (Bq/cm <sup>3</sup> )	Allowable concentration of radioactive nuclide in the liquid effluents (Bq/cm <sup>3</sup> )
Cobalt-58	$6.0 \times 10^{-2}$	$1.0 \times 10^0$
Iodine-131	$5.1 \times 10^0$	$4.0 \times 10^{-2}$
Iodine-132	$2.1 \times 10^0$	$3.0 \times 10^0$
Cesium-134	$1.5 \times 10^0$	$6.0 \times 10^{-2}$
Cesium-136	$2.1 \times 10^{-1}$	$3.0 \times 10^{-1}$
Cesium-137	$1.5 \times 10^0$	$9.0 \times 10^{-2}$