December 6, 2011

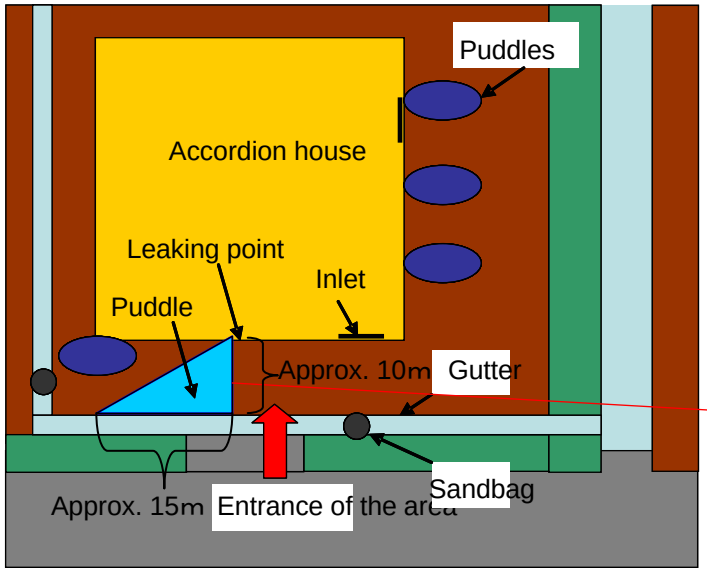
Tokyo Electric Power Company

# Outflow of water leaked from the evaporative condensation apparatus at Fukushima Daiichi Nuclear Power Station

○Approx. 150 liters of water containing radioactive materials flowed into the sea.
○The density of radioactive materials contained in the water leaked is 2.6 x $10^{10}$ Becquerel (provisional) in total, calculating from the density of strontium 89, 90, cesium 134, and 137.

[Breakdown]
Strontium 89: 7.4 x $10^{4}$ Bq/$cm^{3}$ (1.1 x $10^{10}$ Bq)
Strontium 90: 1.0 x $10^{5}$ Bq/$cm^{3}$ (1.5 x $10^{10}$ Bq)
Cesium 134: 1.6 x $10^{1}$ Bq/$cm^{3}$ (2.4 x $10^{6}$ Bq)
Cesium 137: 2.9 x $10^{1}$ Bq/$cm^{3}$ (4.4 x $10^{6}$ Bq)
(Water collected on Dec 4, 2011. Amount of strontium estimated from the density of all-beta radioactive materials.)

○This value accounts for 12 % of 2.22 x $10^{11}$Bq, which is the annual discharge control target of radioactive liquid waste at Fukushima Daiichi Nuclear Power Station.




Overview of leaking points

Status of leakage (puddles)

Status of leaking point