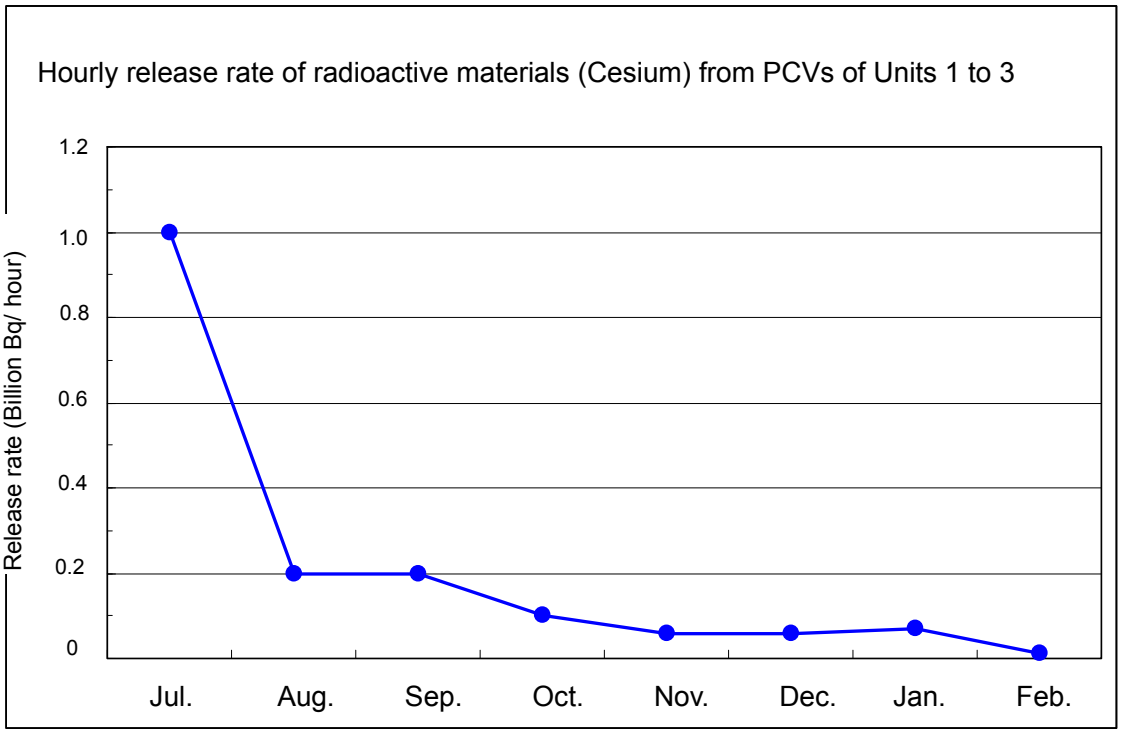
Feb. 27, 2012
Environmental Dosage Reduction Measure

Evaluation Results of Additional Release rate from PCVs in the Fukushima Daiichi Nuclear Power Station

○Evaluated the current release rate for Cesium from PCVs of Units 1 to 3 on the base of the airborne radioactivity concentration (dust concentration) at the upper parts of the reactor buildings etc

○Estimated to be approx. 0.01 billion Bq/h at the maximum

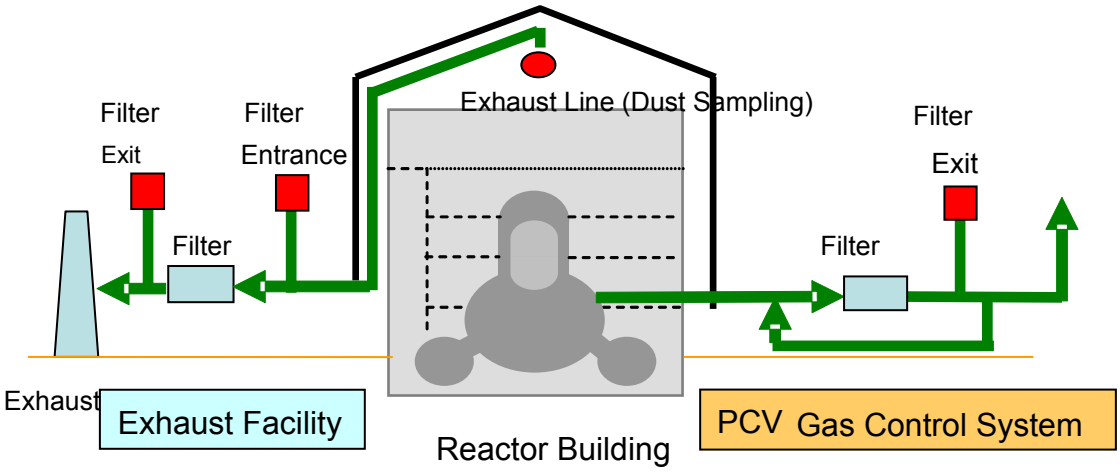
○The current release rate for each Unit: Unit 1: approx. 0.0004 billion Bq/h, Unit 2: approx. 0.001 billion Bq/h, Unit 3: approx. 0.01 billion Bq/h.



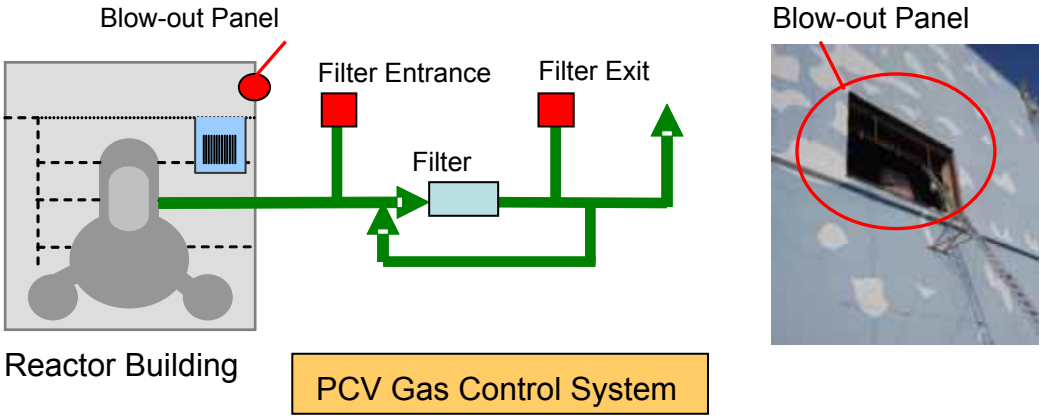
(Notes)

- For the purpose of assessing additional release from PCVs, measured under the circumstance without works stirring radioactive dust up. Even without lowering air flow in the building because of closing the truck bay door, we estimated that the current release rate was decreased below approx. 0.07 billion Bq/h (published in Jan.).
- Concerning noble gas, which is assessed on the base of the data of PCV gas control system, because its released gamma-ray effective energy is much less than that of Cesium and exposure is only external exposure from radioactive dust, this exposure dose is estimated much lower than that of Cesium.

Overview of Sampling at Unit 1



Overview of Sampling at Unit 2



Overview of Sampling at Unit 3