

Sampling Result at Unit 2 PCV Gas Control System of Fukushima Daiichi Nuclear Power Station

Sampling location: The entrance of Unit 2 PCV gas control system

Sampling time and date: 10:55 AM on June 13, 2012 (Wednesday)

Result

| Nuclide | | Concentration of Radioactive Material (Bq/cm ³) | Detection Limit (Bq/cm ³) | Half Life (Approx.) |
|--------------------|---------|---|---------------------------------------|---------------------|
| Gas vial container | I-131 | Below the detection limit | 1.1×10^{-1} | 8 days |
| | Cs-134 | 3.3×10^{-1} | 2.4×10^{-1} | 2 years |
| | Cs-137 | 3.4×10^{-1} | 2.8×10^{-1} | 30 years |
| | Kr-85 | 5.4×10^{-1} | 1.8×10^1 | 11 years |
| | Xe-131m | Below the detection limit | 2.9×10^0 | 12 days |
| | Xe-133 | Below the detection limit | 2.1×10^{-1} | 5 days |
| | Xe-135 | Below the detection limit* | 1.0×10^{-1} | 9 hours |

The results of short half-life Xe were all below the detection limit.

* Below the re-criticality criteria of 1Bq/cm³ (Xe-135)