

Readings of Pu&U at Monitoring Post out of 20&30 Km Zone of Fukushima Dai-ichi NPP

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Ministry of Education, Culture, Sports Science and Technology

1. Summary of Results

At 3 points where high value of radiation dose rate have been showed by vehicle-borne survey, concentration of Pu-238 and Pu-239+240, isotope abundance ratio of U-235/U-238 were measured.

Pu-238 and Pu-239+240 are not detected and the ratio of U-235/U-238 is in a state of nature.

2. Readings of Pu&U

Sampling Point	Sampling Date and Time	radiation dose rate [μ Sv/h]	Pu-238	Pu-239+240	U-235/U-238
Around Kodeya in Kuzuo Village	3/23 About 10:20	43.5	Not Detectable (Below 0.1 Bq/kg)	Not Detectable (Below 0.1 Bq/kg)	0.00731
East Side of Hirusone Tunnel ,Namie Town	3/23 About 10:40	46.5	Not Detectable (Below 0.1 Bq/kg)	Not Detectable (Below 0.1 Bq/kg)	0.00726
Akougi Namie Town	3/22 About 11:30	50.1	Not Detectable (Below 0.1 Bq/kg)	Not Detectable (Below 0.1 Bq/kg)	0.00723

* Isotope abundance ratio of U-235/U-238 in a state of nature : 0.00725