I-2. Power reactor facilities at the research and development stage

(Bq/cm^3)

Facility	Measured point		Measured object	First three months (Oct. to Dec.)		Second three months (Jan. to Mar.)		Detection limit value
				Mean value	Maximum value	Mean value	Maximum value	
Japan Atomic Energy Agency, Tsuruga Head Office, Fugen Decommissioning Engineering Center	Exhaust outlet or exhaust monitoring equipment	Main exhaust stack	Total noble gas	ND	ND	ND	ND	2×10^{-2}
			^{131}I	ND	ND	ND	ND	7×10^{-9}
			Total radioactive particulate matter	ND	ND	ND	ND	4×10^{-9}
			^{3}H	6.8×10^{-5}	9.4×10^{-5}	5.1×10^{-5}	1.0×10^{-4}	-
		Exhaust stack of waste treatment building	^{131}I	ND	ND	ND	ND	7×10^{-9}
			Total radioactive particulate matter	ND	ND	ND	ND	4×10^{-9}
			^{3}H	3.1×10^{-6}	9.9×10^{-6}	1.2×10^{-6}	5.9×10^{-6}	-
	Discharge outlet or discharge monitoring equipment	Condenser cooling water discharge channel	All nuclides excluding ^{3}H	ND	ND	ND	ND	2×10^{-2}
			^{3}H	2.5×10^{-2}	1.9×10^{-1}	1.7×10^{-2}	1.9×10^{-1}	-
Japan Atomic Energy Agency, Tsuruga Head Office, Fast Breeder Reactor R&D Center	Exhaust outlet or exhaust monitoring equipment	Exhaust stack	Total noble gas	ND	ND	ND	ND	2×10^{-2}
			^{131}I	ND	ND	ND	ND	7×10^{-9}
			Total radioactive particulate matter	ND	ND	ND	ND	4×10^{-9}
	Discharge outlet or discharge monitoring equipment	Condenser cooling water discharge channel	All nuclides excluding ^{3}H	ND	ND	ND	ND	2×10^{-2}
			^{3}H	2.2×10^{-6}	4.6×10^{-6}	ND	ND	2×10^{-1}

Note: The detection limit value is a concentration based on the "Guidelines for measurement of released radioactive materials in light water nuclear power reactor facilities". The values of particulate radioactive material and those excluding tritium at d

In association with the approval of the decommissioning plan, the name of the plant was changed from "Advanced Thermal Reactor Fugen Power Station" to "Fugen Decommissioning Engineering Center" on February 12, 2008.