I-5. Waste management facility

(Bq/cm^3)

Facility	Measured point		Measured object	First three months (Apr. to Jun.)		Second three months (Jul. to Sep.)		Detection limit value
				Mean value	Maximum value	Mean value	Maximum value	
Japan Nuclear Fuel Limited, Reprocessing Plant	Exhaust outlet or exhaust monitoring equipment	Exhaust outlet of ventilation stack of vitrified waste receiving and storage building	Radioactive cesium	ND	ND	ND	ND	4×10^{-9}
			Radioactive ruthenium	ND	ND	ND	ND	1×10^{-8}
		Exhaust outlet of cooling air outlet shaft	Radioactive argon	ND	ND	ND	ND	1×10^{-4}
Japan Atomic Energy Agency, Oarai R&D Center (north area)	Exhaust outlet or exhaust monitoring equipment	Exhaust outlet of liquid waste treatment wing	^{137}Cs	ND	ND	ND	ND	9.6×10^{-10} (first half) 8.7×10^{-10} (second half)
		Exhaust outlet of solid beta and gamma waste treatment wing I	^{60}Co	ND	ND	ND	ND	1.2×10^{-9} (first half) 1.1×10^{-9} (second half)
		Exhaust outlet of solid beta and gamma waste treatment wing II	^{60}Co	ND	ND	ND	ND	1.2×10^{-9} (first half) 1.2×10^{-9} (second half)
		Exhaust outlet of solid beta and gamma waste treatment wing III	^{60}Co	ND	ND	ND	ND	2.9×10^{-10} (first half) 2.5×10^{-10} (second half)
		Exhaust outlet of solid beta and gamma waste treatment wing IV	^{13}Cs	ND	ND	ND	ND	9.6×10^{-10} (first half) 9.6×10^{-10} (second half)
		Exhaust outlet of solid alpha waste treatment wing	^{239}Pu	ND	ND	ND	ND	3.3×10^{-11} (first half) 3.3×10^{-11} (second half)
			^{60}Co	ND	ND	ND	ND	2.8×10^{-10} (first half) 2.6×10^{-10} (second half)
		Exhaust outlet of liquid waste storage facility I	^{137}Cs	ND	ND	ND	ND	9.8×10^{-10} (first half) 9.8×10^{-10} (second half)
		Exhaust outlet of liquid waste storage facility II	^{137}Cs	ND	ND	ND	ND	1.0×10^{-9} (first half) 1.0×10^{-9} (second half)
		Exhaust outlet of organic liquid waste temporary storage building	^{137}Cs	ND	ND	ND	ND	7.9×10^{-10} (first half) 1.2×10^{-9} (second half)
		Exhaust outlet of alpha waste temporary storage building	^{60}Co	ND	ND	ND	ND	8.6×10^{-10} (first half) 1.2×10^{-9} (second half)
		Exhaust outlet of solid alpha waste storage facility	^{239}Pu	ND	ND	ND	ND	2.0×10^{-10} (first half) 9.1×10^{-10} (second half)
			^{60}Co	ND	ND	ND	ND	1.4×10^{-9} (first half) 5.6×10^{-9} (second half)
		Exhaust outlet of control machine wing	^{137}Cs	ND	ND	ND	ND	9.4×10^{-10} (first half) 9.1×10^{-10} (second half)
	Discharge outlet or discharge monitoring equipment	Discharge monitoring equipment and treated liquid waste tank	^{3}H	6.0×10^{-2}	1.1×10^{0}	6.3×10^{-1}	9.6×10^{0}	-
			Other than ^{3}H	ND	ND	ND	ND	4.9×10^{-5} (first half) 7.1×10^{-5} (second half)