(2) Nuclear Power Reactor Facilities in the Research and Development Stage

Facility	Item	Radioactive Gaseous Waste		
		Noble gases (Bq)	Iodine [^{131}I] (Bq)	Tritium [^{3}H] (Bq)
Japan Atomic Energy Agency, Tsuruga Head Office, Fugen Decommissioning Engineering Center, Advanced Thermal Reactor Prototype Reactor Facility *5	Nuclear Reactor Facilities Total	N.D.	N.D.	5.5E+10
	Annual Release Control Target	*6 -	*6 -	*7 1.4E+13
Japan Atomic Energy Agency, Fast Breeder Prototype Reactor Monju	Nuclear Reactor Facilities Total	N.D.	N.D.	3.5E+08
	Annual Release Control Target	8.2E+13	1.5E+08	-

Facility	Item	Radioactive Liquid Waste	
		Total Radionuclides (excluding ^{3}H) (Bq)	Tritium [^{3}H] (Bq)
Japan Atomic Energy Agency, Tsuruga Head Office, Fugen Decommissioning Engineering Center	Nuclear Reactor Facilities Total	N.D.	8.9E+11
	Annual Release Control Target	*8 2.8E+08	*9 8.5E+12
Japan Atomic Energy Agency, Fast Breeder Prototype Reactor Monju	Nuclear Reactor Facilities Total	N.D.	*10 1.2E+08
	Annual Release Control Target	5.5E+09	9.2E+12

Note: The radioactivity (Bq) of released gaseous (or liquid) waste was obtained by multiplying the concentration of radioactive material (Bq/cm^3) in the released gases (or liquids) by the amount of released gases (or liquids).
"-" indicates that no annual release control target has been specified.
N.D. is used to indicate values lower than the detection limit concentration.
Detection limit concentrations (Bq/cm^3) are as follows.
Radioactive noble gases: 2E-02 or less
Radioactive iodine: 7E-09 or less
Radioactive liquid waste: 2E-02 or less (represented by a value of ^{60}Co)

*5: Due to approval of the decommissioning plan on February 12, 2008, the facility's name was changed from "Japan Atomic Energy Agency, Advanced Thermal Reactor (ATR) Fugen Power Station" to "Japan Atomic Energy Agency, Tsuruga Head Office, Fugen Decommissioning Engineering Center, Advanced Thermal Reactor Prototype Reactor Facility" (hereafter, "Japan Atomic Energy Agency, Fugen Decommissioning Engineering Center").

*6: Since October 1, 2003, due to a revision to the reactor facility operational safety program, the annual release control targets for noble gases and iodine have been removed from the annual release control targets for gaseous radioactive waste.

*7: Since February 12, 2008, due to a revision to the operational safety program based on approval of the decommissioning plan, the annual release control target for tritium has been changed to 1.43E+13 (Bq/year).

*8: Since October 1, 2003, due to a revision to the reactor facility operational safety program, the annual release control target for radioactive liquid waste (excluding ^{3}H) has been changed to 2.8E+08 (Bq/year).

*9: Since February 12, 2008, due to a revision to the operational safety program based on approval of the decommissioning plan, the annual release control target for tritium has been changed to 8.5E+12 (Bq/year).

*10: The value includes tritium (N.D.) in the water and steam systems.