

(5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities in FY 1981

1. Gas-Cooled Reactor (GCR) and Boiling Water Reactor (BWR)

The Name of Power station		Radioactive gaseous waste and liquid waste			Radioactive solid waste			
		Radioactive gaseous waste		Radioactive liquid waste (excluding ³ H)	Amount of generated drums (number of drums)	Amount of generated drums (other kinds) (equivalent to the number of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of accumulated drums (other kinds) (equivalent to the number of drums)
		Noble gas (Ci)	Iodine [¹³¹ I] (Ci)					
Japan Atomic Power Company Co., Ltd Tokai Power Station	Total of nuclear reactor facilities	1.0×10 ⁴	6.8×10 ⁻⁵	4.4×10 ⁻³	897	104	810	-
	Annual release Target control level	1.6×10 ⁴	-	1				
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Total of nuclear reactor facilities	2.1×10 ⁰	9.8×10 ⁻⁴	6.8×10 ⁻³	2,732	156	*1 15,448	*2 404
	Annual release Target control level	5.0×10 ⁴	2.2	1				
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Total of nuclear reactor facilities	3.7×10 ⁰	2.7×10 ⁻⁴	3.7×10 ⁻³	5,688	784	*6 25,075	3,056
	Annual release Target control level	4.5×10 ⁴	2.2	1				
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Total of nuclear reactor facilities	1.2×10 ³	5.8×10 ⁻²	3.6×10 ⁻²	31,962	0	137,259	150
	Annual release Target control level	3.1×10 ⁵	17	6				
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Total of nuclear reactor facilities	*3 N.D.	*4 N.D.	*5 N.D.	348	0	348	0
	Annual release Target control level	5.0×10 ⁴	2.1	1				
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Total of nuclear reactor facilities	*3 N.D.	1.8×10 ⁻⁴	1.4×10 ⁻²	3,849	0	*7 32,754	1,100
	Annual release Target control level	1.0×10 ⁵	7.8	2				
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Total of nuclear reactor facilities	*3 N.D.	*4 N.D.	5.9×10 ⁻⁴	2,003	107	16,414	*8 612
	Annual release Target control level	3.7×10 ⁴	1.8	1				

*1 This figure includes 5,700 drums transported from Toukai Electric Power Co.,Inc.

- *2 This figure includes 196 drums transported from Toukai Electric Power Co., Inc.
- *3 The detection limit is less than ($5 \times 10^{-7} \mu\text{Ci} / \text{Cm}^3$)
- *4 The detection limit is less than ($2 \times 10^{-13} \mu\text{Ci} / \text{Cm}^3$)
- *5 The detection limit is less than ($5 \times 10^{-7} \mu\text{Ci} / \text{Cm}^3$) (represented it with Co-60.)
- *6 This includes the amount of reduction of incineration of this year (equivalent to 848 drums).
- *7 This includes the amount of reduction of incinerated (1,560 drums) and the amount of the reduction of the strength test(2 drums) of this year .
- *8 This includes the amount of reduction of compression of this year (72 drums).

2. Pressurized Water Reactor (PWR)

The Name of Power station		Radioactive gaseous waste and liquid waste			Radioactive solid waste			
		Radioactive gaseous waste		Radioactive liquid waste (excluding ^3H) (Ci)	Amount of generated drums (number of drums)	Amount of generated drums (other kinds) (equivalent to the number of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of accumulated drums (other kinds) (equivalent to the number of drums)
		Noble gas (Ci)	Iodine [^{131}I] (Ci)					
Kansai Electric Power Co., Inc. Mihama Power Station	Total of nuclear reactor facilities	8.4×10^1	2.5×10^{-3}	2.4×10^{-3}	1,052	251	16,401	3,013
	Annual release Target control level	5.9×10^4	2	3				
Kansai Electric Power Co., Inc. Takahama Power Station	Total of nuclear reactor facilities	2.6×10^1	3.9×10^{-5}	3.1×10^{-4}	3,134	151	17,750	1,470
	Annual release Target control level	5.4×10^4	1.4	2				
Kansai Electric Power Co., Inc. Ohi Power Station	Total of nuclear reactor facilities	7.1×10^1	7.0×10^{-3}	5.0×10^{-3}	2,737	368	11,628	814
	Annual release Target control level	7.3×10^4	2.2	2				
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Plant	Total of nuclear reactor facilities	5.3×10^1	2.1×10^{-4}	7.1×10^{-5}	1,184 ^{*2}	222	5,780 ^{*2}	824
	Annual release Target control level	3.0×10^4	2	2				
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Plant	Total of nuclear reactor facilities	6.4×10^1	6.3×10^{-5}	^{*1} N.D.	1,893	127	10,349	672
	Annual release Target control level	3.0×10^4	2	2				

*1 The detection limit is less than ($5 \times 10^{-7} \mu\text{Ci} / \text{Cm}^3$) (represented it with Co-60.)

*2 The amount repacked in this year (equivalent to 2 drums) is subtracted from the stored amount and add up to the amount generated in this year.