

(5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities in FY 1980

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		Radioactivity 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 accumulated drums in the storage (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	9.3×10^3	1.2×10^{-4}	8.9×10^{-3}	1,263	72	263	-
	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	3.3×10^0	1.7×10^{-3}	7.1×10^{-3}	3,316	12	*1 12,366	*2 144
	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	5.0×10^{-1}	7.2×10^{-4}	6.9×10^{-3}	3,781	396	20,235	2,272
	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	3.0×10^3	5.2×10^{-2}	4.3×10^{-2}	21,558	-	105,297	150
	Annual release Target control level	3.1×10^5	17	6				
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Total of nuclear reactor facilities	*3 N.D.	2.7×10^{-4}	3.6×10^{-2}	6,087	184	30,467	1,100
	Annual release Target control level	9.6×10^4	7.2	2				
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Total of nuclear reactor facilities	*3 N.D.	*4 N.D.	9.4×10^{-4}	2,541	64	14,411	577
	Annual release Target control level	3.7×10^4	1.8	1				

*1 This figure includes 5,350 drums transported from Toukai Electric Power Co.,Inc.

*2 This figure includes 92 drums transported from Toukai Electric Power Co., Inc.

*3 The detection limit is less than ($10^{-7} \sim 10^{-6} \mu\text{Ci} / \text{Cm}^3$)

*4 The detection limit is less than ($10^{-13} \mu\text{Ci} / \text{Cm}^3$)

2. Pressurized Water Reactor (PWR)

The Name of Power station		Radioactive gaseous waste and liquid waste			Radioactive solid waste			
		Radioactive gaseous waste		Radioactivity 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 accumulated drums in the storage (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	2 8.2×10	3.5×10	-2 3.7×10	-3 879	592	15,349	2,762
	Annual release Target control level	4 5.9×10	2	3				
Kansai Electric Power Co., Inc. Takahama Power Station	Total of nuclear reactor facilities	1 2.1×10	2.1×10	-4 1.3×10	-3 3,292	162	14,616	1,319
	Annual release Target control level	4 5.4×10	1.4	2				
Kansai Electric Power Co., Inc. Ohi Power Station	Total of nuclear reactor facilities	1 3.6×10	3.9×10	-4 1.6×10	-3 2,512	242	8,891	447
	Annual release Target control level	4 7.3×10	2.2	2				
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Plant	Total of nuclear reactor facilities	2 1.1×10	1.4×10	-4 2.7×10	-4 950	181	4,596	604
	Annual release Target control level	4 1.5×10	1	1				
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Plant	Total of nuclear reactor facilities	1 3.8×10	*1 N.D.	*2 N.D.		88	8,665	545
	Annual release Target control level	4 3.0×10	2	2				

*1 The detection limit is less than ($10^{-13} \mu\text{Ci} / \text{Cm}^3$)

*2 The detection limit is less than ($10^{-7} \mu\text{Ci} / \text{Cm}^3$)