

(5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities in FY 1979

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 $^3\text{H}$ ) ( C i )	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 ( C i )	Iodine [ $^{131}\text{I}$ ] ( C i )					
Japan Atomic Power Company Co., Ltd Tokai Power Station	Nuclear reactor facilities total	$8.0 \times 10^3$	$9.7 \times 10^{-5}$	$1.1 \times 10^{-2}$	1,228	20	1,150	-
	Annual release Target control level	$1.6 \times 10^4$	-	1				
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Nuclear reactor facilities total	N.D. <sup>*3</sup>	$7.6 \times 10^{-4}$	$1.2 \times 10^{-2}$	2,112	24	6,900 <sup>*1</sup>	60 <sup>*2</sup>
	Annual release Target control level	$5.0 \times 10^4$	2.2	1				
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Nuclear reactor facilities total	$1.5 \times 10^1$	$3.5 \times 10^{-3}$	$1.3 \times 10^{-2}$	3,588	636	17,948	1,876
	Annual release Target control level	$4.5 \times 10^4$	2.2	1				
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Nuclear reactor facilities total	$3.2 \times 10^3$	$1.5 \times 10^{-1}$	$7.2 \times 10^{-2}$	28,442	-	83,739	150
	Annual release Target control level	$3.1 \times 10^5$	17	6				
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Nuclear reactor facilities total	N.D. <sup>*3</sup>	$1.4 \times 10^{-4}$	$1.3 \times 10^{-1}$	11,642	-	25,296	-
	Annual release Target control level	$9.6 \times 10^4$	7.2	2				
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Nuclear reactor facilities total	N.D. <sup>*3</sup>	N.D. <sup>*4</sup>	$8.2 \times 10^{-4}$	2,241	109	11,870	819
	Annual release Target control level	$3.7 \times 10^4$	1.8	1				

\*1 This figure includes 3,200 drums transported from Toukai Electric Power Co.,Inc.

\*2 This figure includes 20 drums transported from Toukai Electric Power Co., Inc.

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

\*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 $^3\text{H}$ )  ( C i )	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  ( C i )	Iodine [ $^{131}\text{I}$ ]  ( C i )					
Kansai Electric Power Co., Inc. Mihama Power Station	Nuclear reactor facilities total	$5.5 \times 10^1$	$1.0 \times 10^{-3}$	$1.2 \times 10^{-2}$	870	923	14,470	2,170
	Annual release Target control level	$5.9 \times 10^4$	2	3				
Kansai Electric Power Co., Inc. Takahama Power Station	Nuclear reactor facilities total	$1.4 \times 10^2$	$3.5 \times 10^{-4}$	$1.7 \times 10^{-3}$	2,184	145	11,324	1,158
	Annual release Target control level	$5.4 \times 10^4$	1.4	2				
Kansai Electric Power Co., Inc. Ohi Power Station	Nuclear reactor facilities total	$1.3 \times 10^2$	$3.6 \times 10^{-3}$	$1.7 \times 10^{-3}$	2,509	88	6,379	205
	Annual release Target control level	$7.3 \times 10^4$	2.2	2				
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Plant	Nuclear reactor facilities total	$7.7 \times 10^1$	N.D. <sup>*1</sup>	$1.8 \times 10^{-4}$	1,410	216	3,646	423
	Annual release Target control level	$1.5 \times 10^4$	1	1				
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Plant	Nuclear reactor facilities total	$2.7 \times 10^1$	N.D. <sup>*1</sup>	N.D. <sup>*2</sup>	1,807	128	7,033	457
	Annual release Target control level	$1.5 \times 10^4$	1	1				

\*1 The detection limit is less than (  $10^{-13}$  -  $10^{-12}$   $\mu\text{Ci} / \text{Cm}^3$  )

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