

(5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities in FY 1982

Gas-Cooled Reactor(G C R) and Boiling Water Reactor (B W R)

The Name of Power station	Radioactive gaseous waste and liquid waste				Radioactive solid waste				
	Gross value of nuclear reactor facilities	Radioactive gaseous waste		Radioactive liquid waste (excluding 3H) (C i)	Amount of generated drums (number of drums)	Amount of generated drums(oth er kinds) (number of drums)	Amount of generated drums (other kinds) (correspond ing to the number of drums)	Amount of generated drums(oth er kinds) (number of drums)	Amount of accumulated drums(othr kinds) (corresponding to the number of drums)
		Noble gas (C i)	Iodine [¹³¹ I] (C i)						
Japan Atomic Power Company Co., Ltd Tokai Power Station	Gross value of nuclear reactor facilities	3 7.9×10	-5 1.0×10	-3 3.2×10	1,002	872	951	428	About 1,600
	Target control value of annual release	4 1.6×10	- -	1					
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	-3 3.6×10	2,480	392	*4 26,184	*5 4,868	About 73,000
	Target control value of annual release	4 3.9×10	1.6	1					
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Gross value of nuclear reactor facilities	-2 6.8×10	-5 1.1×10	-4 6.8×10	2,640	1,384	*6 25,551	5,968	About 35,000
	Target control value of annual release	4 4.5×10	2.2	1					
Tohoku Electric Power Co., Inc Onagawa Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	*3 N.D.	344	0	496	0	About 15,000
	Target control value of annual release	4 3.8×10	2.3	0.1					
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Gross value of nuclear reactor facilities	2 4.8×10	-2 1.3×10	-3 2.5×10	25,343	0	211,590	150	About 298,500
	Target control value of annual release	5 2.4×10	13	6					
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	-6 5.3×10	*3 N.D.	3,665	0	7,120	0	About 32,000
	Target control value of annual release	5 1.5×10	6.3	3					
Tokyo Electric Power Co., Inc. Kashiwazaki · Kariwa Nuclear Power Station	Gross value of nuclear reactor facilities	-5 3.8×10	*2 N.D.	*3 N.D.	0	0	0	0	About 15,000
	Target control value of annual release	4 4.3×10	2.1	1					
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	-6 7.0×10	-3 1.9×10	144	0	*7 30,794	1,100	About 42,000
	Target control value of annual release	4 7.5×10	5.9	2					
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	-4 2.2×10	1,019	207	*8 20,821	*9 745	About 35,500
	Target control value of annual release	4 3.7×10	1.8	1					

*1 The lowest detection density limit is less than 5×10^{-7} ($\mu\text{Ci} / \text{Cm}^3$)*2 The lowest detection density limit is less than 2×10^{-13} ($\mu\text{Ci} / \text{Cm}^3$)*3 The lowest detection density limit is less than 5×10^{-7} ($\mu\text{Ci} / \text{Cm}^3$) (represented by ^{60}Co)

*4 This figure includes 1,020 drums transported from Toukai Electric Power Co.,Inc.

*5 This figure includes 720 drums transported from Toukai Electric Power Co.,Inc.

*6 This figure includes 3,580 drums transported from Toukai Electric Power Co.,Inc.

*7 This figure includes 1,540 drums transported from Toukai Electric Power Co.,Inc.

*8 This figure includes 1,164 drums transported from Toukai Electric Power Co.,Inc.

*9 The amount, which is reduced by compression (correspond to 320drums) is reduced from this value.

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) (C i) *3	Amount of generated drums (number of drums)	Amount of generated drums(oth er kinds) (number of drums)	Amount of generated drums (other kinds) (corresponding to the number of drums)	Amount of generated drums(oth er kinds) (number of drums)	Amount of accumulated drums(othr kinds) (corresponding to the number of drums)	
	0 Noble gas (C i) *1	Iodine [¹³¹ I] (C i) *2							
Kansai Electric Power Co., Inc. Mihama Power Station	Gross value of nuclear reactor facilities	1 5.0×10	-3 2.4×10	-3 1.0×10	725	297	*3 18,884	4,149	About 35,000
	Target control value of annual release	4 5.9×10	2	3					
Kansai Electric Power Co., Inc. Takahama Power Station	Gross value of nuclear reactor facilities	1 3.7×10	-5 5.0×10	-4 1.7×10	1,626	57	24,294	1,903	About 50,600
	Target control value of annual release	4 9.0×10	1.7	4					
Kansai Electric Power Co., Inc. Ohi Power Station	Gross value of nuclear reactor facilities	1 5.1×10	-5 1.4×10	-4 5.0×10	673	87	13,528	1,262	About 18,900
	Target control value of annual release	4 7.3×10	2.2	2					
Shikoku Electric Power Co., Inc. Ikata Power Station	Gross value of nuclear reactor facilities	1 1.3×10	-4 *2 9.1×10	*2 N.D.	1,577	89	*4 7,244	*6 1,233	About 18,500
	Target control value of annual release	4 3.0×10	2	2					
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Gross value of nuclear reactor facilities	1 *1 2.5×10	N.D.	*2 N.D.	1,777	88	*5 13,257	1,071	About 19,000
	Target control value of annual release	4 3.0×10	2	2					
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Gross value of nuclear reactor facilities	-1 *1 4.7×10	N.D.	*2 N.D.	290	9	358	17	About 17,000
	Target control value of annual release	4 4.4×10	1.7	2					

* 1 The lowest detection density limit is less than 2×10^{-13} ($\mu\text{Ci} / \text{Cm}^3$)

* 2 The lowest detection density limit is less than 5×10^{-7} ($\mu\text{Ci} / \text{Cm}^3$) (represented by ⁶⁰Co)

* 3 The amount planned to be incinerated (3,000 drums) in this year is subtracted from this value. 今年度焼却分 (4本) を差し引いた量である。

* 4 The amount planned to be incinerated (3,000 drums) in this year is subtracted from this value. 今年度焼却分 (1,573本) を差し引いた量である。

* 5 The amount planned to be incinerated (3,000 drums) in this year is subtracted from this value. 今年度焼却分 (1,037本) を差し引いた量である。

* 6 The total of the accumulated amount in previous year and the generated amount in this year does not correspond to this value because of the error of coefficient calculation.