

## (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				
		Radioactive gaseous waste		Radioactive liquid waste (excluding 3H) ( C i ) *3	Amount of generated drums ( number of drums )	Amount of generated drums(other kinds) ( number of drums )	Amount of generated drums (other kinds) ( corresponding to the number of drums )	Amount of generated drums(other kinds) ( number of drums )	Amount of accumulated drums(othr kinds) ( corresponding to the number of drums )
		Noble gas ( C i ) *1	Iodine [ <sup>131</sup> I] ( C i ) *2						
Japan Atomic Power Company Co., Ltd Tokai Power Station	Gross value of nuclear reactor facilities	3 8.6×10	-5 1.9×10	-3 5.0×10	1,011	1,076	621	68	About 1,600
	Target control value of annual release	4 1.6×10	- -	1 1					
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Gross value of nuclear reactor facilities	0 1.8×10	-4 2.1×10	-3 9.8×10	2,552	456	*4 19,200	*5 1,868	About 25,000
	Target control value of annual release	4 5.0×10	2.2	1					
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Gross value of nuclear reactor facilities	0 5.6×10	-4 2.5×10	-4 4.8×10	4,128	684	*6 27,899	3,740	About 35,000
	Target control value of annual release	4 4.5×10	2.2	1					
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Gross value of nuclear reactor facilities	3 1.4×10	-2 5.1×10	-2 1.1×10	24,897	0	162,156	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	-2 1.1×10	N.D.	N.D.	816	0	1,164	0	About 32,000
	Target control value of annual release	4 5.0×10	2.1	1					
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Gross value of nuclear reactor facilities	N.D.	-4 1.3×10	-3 8.9×10	1,628	0	*7 33,007	1,100	About 42,000
	Target control value of annual release	5 1.0×10	7.8	2					
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Gross value of nuclear reactor facilities	N.D.	N.D.	-4 6.2×10	2,588	101	19,002	713	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  $5 \times 10^{-7}$  (  $\mu\text{Ci} / \text{Cm}^3$  )\* 2 The lowest detection density limit is less than  $2 \times 10^{-13}$  (  $\mu\text{Ci} / \text{Cm}^3$  )\* 3 The lowest detection density limit is less than  $5 \times 10^{-7}$  (  $\mu\text{Ci} / \text{Cm}^3$  ) ( represented by <sup>60</sup>Co )

\* 4 This figure includes 6,900 drums transported from Toukai Electric Power Co.,Inc.

\* 5 This figure includes 1,204 drums transported from Toukai Electric Power Co.,Inc.

\* 6 The amount planned to be incinerated (1,304 drums) in this year is subtracted from this value.

\* 7 The amount planned to be incinerated (1,375 drums) in this year is subtracted 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 (other kinds) ( number of drums )	Amount of generated drums (other kinds) ( corresponding to the number )	Amount of generated drums (other kinds) ( number of drums )	Amount of accumulated drums (other kinds) ( corresponding to the number of drums )	
	Noble gas ( C i ) *1	Iodine [ <sup>131</sup> I] ( C i ) *2							
Kansai Electric Power Co., Inc. Mihama Power Station	Gross value of nuclear reactor facilities	1 2.9×10	-3 1.7×10	-3 2.3×10	846	392	17,247	3,405	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 7.9×10	-5 9.2×10	-4 1.9×10	2,170	224	19,920	1,694	About 30,600
	Target control value of annual release	4 5.4×10	1.4	2					
Kansai Electric Power Co., Inc. Ohi Power Station	Gross value of nuclear reactor facilities	1 5.9×10	-3 1.7×10	-4 7.9×10	607	177	12,235	991	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 1.7×10	-5 9.8×10	N.D.	1,212	199	6,992	*5 1,022	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 4.8×10	N.D.	N.D.	1,582	130	*4 11,259	* 802	About 19,000
	Target control value of annual release	4 3.0×10	2	2					

\* 1 The lowest detection density limit is less than  $5 \times 10^{-7}$  (  $\mu\text{Ci} / \text{Cm}^3$  )

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

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

\* 4 The amount planned to be incinerated (672 drums) in this year is subtracted from this value.

\* 5 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.