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

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

	Radioactive gaseous waste and liquid waste				Radioactive solid waste						
		Radioactive gaseous waste Radioactive			Amount of	Amount of	Amount of	Amount of	Amount of		
				liquid waste	generated	generated	generated	generated	accumulated		
		Noble gas	Iodine	(excluding	drums	drums(other	drums	drums(other	drums(othr		
		1400ic gas	[131 I]	3H)		kinds)	(other	kinds)	kinds)		
		(6:)		(6:)			kinds)				
e Name of Power station		(Ci)	(Ci)	(Ci)	(number of	(number of	(correspo	(number of	(corresponding		
		v 1	*2	*3	drums)	drums)	the number	drums)	to the number of		
		*1	*2	"3	drums) drums)		of drums)	diulis)	drums)		
	Gross value of nuclear reactor	3	-5	-3			or drums)				
Japan Atomic Power Company Co., Ltd	facilities	8.6×10	1.9×10	5.0×10							
Tokai Power Station	Target control value of annual	4			1,011	1,076	621	68	About 1,600		
	release	1.6×10	-	1							
	Gross value of nuclear reactor	0	-4	-3							
Japan Atomic Power Company Co., Ltd.	facilities	1.8×10	2.1×10	9.8×10			*4	*5			
Tokai Daini Power Station	Target control value of annual	4			2,552	456	19,200	1,868	About 25,000		
	release	5.0×10	2.2	1							
	Gross value of nuclear reactor	0	-4	-4							
Japan Atomic Power Company Co., Ltd.	facilities	5.6×10	2.5×10	4.8×10			*6				
Tsuruga Power Station	Target control value of annual	4			4,128	684	27,899	3,740	About 35,000		
	release	4.5×10	2.2	1							
	Gross value of nuclear reactor	3	-2	-2							
Tokyo Electric Power Co., Inc.	facilities	1.4×10	5.1×10	1.1×10							
Fukushima Daiichi Nuclear Power Station	Target control value of annual	5			24,897	0	162,156	150	About 298,500		
	release	2.4×10	13	6							
	Gross value of nuclear reactor	-2									
Tokyo Electric Power Co., Inc.	facilities	1.1×10	N.D.	N.D.		_		_			
Fukushima Daini Nuclear Power Station	Target control value of annual	4	2.1		816	0	1,164	0	About 32,000		
	release	5.0×10	2.1	1							
	Gross value of nuclear reactor		-4	-3							
Chubu Electric Power Co., Inc.	facilities	N.D. 5	1.3×10	8.9×10	1.620		*7	1 100	42.000		
Hamaoka Nuclear Power Station	Target control value of annual release	1.0×10	7.8	2	1,628	0	33,007	1,100	About 42,000		
	Gross value of nuclear reactor	1.0×10	7.0	۷ 4							
Chugoku Electric Power Co., Inc.	facilities	N.D.	N.D.	6.2×10							
Shimane Nuclear Power Station	Target control value of annual	N.D.	IV.D.	0.2^10	2,588	101	19,002	713	About 35,500		
Similane (ducteal Lower Station	release	3.7×10	1.8	1	2,566	101	17,002	,13	7150ut 33,300		
	release	5.7×10	1.0	1			ı	l	1		

- *1 The lowest detection density limit is less than 5×10^{-7} (μ Ci / Cm³) *2 The lowest detection density limit is less than 2×10^{-13} (μ Ci / Cm³)
- *3 The lowest detection density limit is less than 5×10^{-7} (μCi / Cm^3) (represented by ^{60}Co)
- $\,\,{}^{\bigstar}\,4\,\,$ 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.
- \star 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)

1	Radioactive gaseous waste and liquid waste				Radioactive solid waste						
		Radioactive gaseous waste			Amount of		Amount of	Amount of	Amount of		
		Noble gas	Iodine	liquid waste (excluding 3H)	generated drums	generated drums(other kinds)	generated drums (other kinds)	generated drums(other kinds)	accum drums kin	s(othr	
The Name of Power station		(Ci) *1	(Ci) *2	(Ci) *3	(number of drums)	(number of drums)	(correspo nding to the number	(number of drums)	(corresponding to the number of drums)		
	Gross value of nuclear reactor facilities	1 2.9×10	-3 1.7×10	-3 2.3×10							
Kansai Electric Power Co., Inc. Mihama Power Station	Target control value of annual release	2.9×10 4 5.9×10	2	3	846	392	17,247	3,405	About	35,000	
Kansai Electric Power Co., Inc. Takahama Power Station	Gross value of nuclear reactor facilities	7.9×10	-5 9.2×10	-4 1.9×10							
	Target control value of annual release	5.4×10	1.4	2	2,170	224	19,920	1,694	About	30,600	
Kansai Electric Power Co., Inc. Ohi Power Station	Gross value of nuclear reactor facilities	5.9×10	-3 1.7×10	-4 7.9×10							
	Target control value of annual release	7.3×10	2.2	2	607	177	12,235	991	About	18,900	
Shikoku Electric Power Co., Inc. Ikata Power Station	Gross value of nuclear reactor facilities	1.7×10	-5 9.8×10	N.D.				*5			
	Target control value of annual release	3.0×10	2	2	1,212	199	6,992	1,022	About	18,500	
	Gross value of nuclear reactor facilities	4.8×10	N.D.	N.D.			*4	*			
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Target control value of annual release	3.0×10	2	2	1,582	130	11,259	802	About	19,000	

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

^{*2} The lowest detection density limit is less than $2\times10^{\text{-}13}$ (μCi / 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} 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.