(6) Status of Radioactive Waste Management at Commercial Power Reactor Facilities in FY 1983

Gas-Cooled Reactor (GCR) and Boiling Water Reactor (BWR)

	Radioactive gaseous waste and liquid waste				Radioactive solid waste						
		Radioactive gaseous waste Radioactive			Amount of	Amount of	An	nount of			
				liquid waste	generated	generated	generated	generated		umulated	
		Noble gas	Iodine	(excluding	drums	drums(oth		drums(oth		ms(othr	
			[131 I]	3H)		er kinds)	(other kinds)	er kinds)	k	cinds)	
The Name of Power station		(Ci)	(Ci)	(Ci)	, ,	, ,	(correspo		(con	rrespondin	
The France of Fower station		(= 1)	(= 1)	()	(number of	(number of	nding to	(number of	g	to the	
		*1	*2	*3	drums)	drums)	the number	drums)	number of		
					drums)	druins)	of drums)	druins)	dr	rums)	
Japan Atomic Power Company Co.,	Gross value of nuclear reactor	3	-5	-3							
	facilities	8.5×10	5.6×10	3.8×10							
Tokai Power Station	Target control value of annual	4			836	1,648	969	276	約	1,600	
	release	1.6×10	-	1							
Japan Atomic Power Company Co. ,	Gross value of nuclear reactor		-4	-3							
T 4.3	facilities	N.D.	2.1×10	6.8×10			*4	*5			
Tokai Daini Power Station	Target control value of annual	4			2,996	448	22,684	3,756	約	73,000	
	release	3.9×10	1.6	1							
Japan Atomic Power Company Co.,	Gross value of nuclear reactor	0	-4	-4							
T 4.7	facilities	1.3×10	1.1×10	7.8×10			*6				
Tsuruga Power Station	Target control value of annual	4			2,744	844	26,491	4,584	約	35,000	
	release	4.5×10	2.2	1							
	Gross value of nuclear reactor										
Tohoku Electric Power Co., Inc.	facilities	N.D.	N.D.	N.D.	1.50	0	150	0	1.6	15.000	
Onagawa Nuclear Power Station	Target control value of annual release	3.8×10	2.3	0.1	152	0	152	0	約	15,000	
	Gross value of nuclear reactor	3.6×10	-2	-3							
Tokyo Electric Power Co., Inc. Fukusnima Danchi Nuclear Power	facilities	1.8×10	3.5×10	6.4×10							
	Target control value of annual	1.6×10	3.3^10	0.4×10	24,091	0	186,247	150	約	298,500	
	release	2.4×10	13	6	24,091	0	100,247	130	พบ	290,300	
	Gross value of nuclear reactor	2.4×10 -1	-4	U							
Tokyo Electric Power Co., Inc. rukusiinia Daiiii Nucieai rowei	facilities	1.5×10	1.7×10	N.D.							
	Target control value of annual	5	11,7,110	11121	2,291	0	3,455	0	約	32,000	
	release	1.0×10	4.2	2	_,_,		-,		5	,	
	Gross value of nuclear reactor		-4	-3							
Chubu Electric Power Co., Inc.	facilities	N.D.	1.8×10	2.8×10			*7				
Hamaoka Nuclear Power Station	Target control value of annual	5			863	0	32,190	1,100	約	42,000	
	release	1.0×10	7.8	2						•	
	Gross value of nuclear reactor			-4							
Chugoku Electric Power Co., Inc.	facilities	N.D.	N.D.	5.0×10							
Shimane Nuclear Power Station	Target control value of annual	4			1,964	145	20,966	858	約	35,500	
	release	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} (μCi / Cm^3) (represented by ^{60}Co)
- *4 This figure includes 7,388 drums transported from Toukai Electric Power Co.,Inc.
- *5 This figure includes 2,644 drums transported from Toukai Electric Power Co.,Inc.
- \star 6 The amount planned to be incinerated (4,152 drums) in this year is subtracted from this value.
- \star 7 The amount planned to be incinerated (1,680 drums) in this year is subtracted from this value.

Pressurized Water Reactor (PWR)

	Radioactive gaseous waste and liquid waste				Radioactive solid waste						
		Radioactive g	aseous waste	Radioactive	Amount of	Amount of	Amount of	Amount of	Am	ount of	
				liquid waste	generated	generated	generated	generated	accu	mulated	
		Noble gas	Iodine	(excluding	drums	drums(oth	drums	drums(oth	drui	ns(othr	
		Nobic gas		3H)		er kinds)	(other	er kinds)	k	inds)	
			[¹³¹ I]				kinds)				
The Name of Power station		(Ci)	(Ci)	(Ci)	(number	(number	(correspo	(number	-	respondin	
					of	of	nding to	of	_	to the	
		*1	*2	*3	drums)	drums)	the number	drums)		nber of	
					,	,	of drums)	,	dru	ıms)	
	Gross value of nuclear reactor	1	-4	-3							
Kansai Electric Power Co., Inc.	facilities	6.4×10	1.2×10	2.7×10				*7			
Mihama Power Station	Target control value of annual	4	_	_	916	448	18,163	3,852	約	35,000	
	release	5.9×10	2	3							
Kansai Electric Power Co., Inc. Takahama Power Station	Gross value of nuclear reactor	2	-3	-4							
	facilities	1.0×10	2.4×10	2.4×10	2.740			*7		20.500	
	Target control value of annual	4		_	2,748	151 22,668	1,846	約	30,600		
	release	5.4×10	1.4	2							
	Gross value of nuclear reactor	1	-4	-4							
Kansai Electric Power Co., Inc. Ohi Power Station	facilities	4.6×10	1.5×10	6.0×10				*7			
	Target control value of annual	4		_	620	185	12,855	1,175	約	18,900	
	release	7.3×10	2.2	2							
	Gross value of nuclear reactor	0									
Shikoku Electric Power Co., Inc.	facilities	2.7×10	N.D.	N.D.	1.150	122	*4			10.500	
Ikata Power Station	Target control value of annual	4	_	_	1,150	123	7,240	1,145	約	18,500	
	release	3.0×10	2	2							
v 1 51 5	Gross value of nuclear reactor	1	-4								
Kyushu Electric Power Co., Inc.	facilities	6.8×10	1.5×10	N.D.	2.022	101	*5	002		10.000	
Genkai Nuclear Power Station	Target control value of annual	4	_	_	2,023	181 12,51	12,517	983	約 19	19,000	
	release	3.0×10	2	2							
	Gross value of nuclear reactor										
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	facilities	N.D.	N.D.	N.D.	·	_	*6	_		17.000	
	Target control value of annual	4		_	74	8	68	8	約	17,000	
	release	2.2×10	0.85	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 60Co)
- $\,\,{}^{\bigstar}\,4\,\,\,$ The amount planned to be incinerated (902 drums) in this year is subtracted from this value.
- \star 5 The amount planned to be incinerated (765 drums) in this year is subtracted from this value.
- \star 6 The amount planned to be incinerated (6 drums) in this year is subtracted from this value.
- *7 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.