

## (5) Status of Radioactive Waste Management at Commercial Power Reactor Facilities in FY 1985

## 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)	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 (other kinds) (corresponding to the number of drums)	
								Noble gas ( C i ) *1
Japan Atomic Power Company Co., Ltd Tokai Power Station	Gross value of nuclear reactor facilities	3 <sup>-5</sup> 7.6×10	3 <sup>-3</sup> 2.8×10					
	Target control value of annual release	4 1.6×10	4 -	1	1,341	584	584	124 About 1,600
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	3 <sup>-3</sup> 3.4×10			*4	*5
	Target control value of annual release	4 3.9×10	4 1.6	1	2,548	480	30,440	6,236 About 73,000
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	Gross value of nuclear reactor facilities	-2 4.4×10	-6 5.4×10	-4 5.2×10			*6	
	Target control value of annual release	4 4.5×10	4 2.2	1	1,892	1,000	24,443	6,968 About 85,000
Tokyo Electric Power Co., Inc. Onagawa Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	*3 N.D.				
	Target control value of annual release	4 3.8×10	4 2.3	0.1	1,180	0	1,676	0 About 15,000
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Gross value of nuclear reactor facilities	1 2.0×10	-3 3.4×10	-3 1.0×10				
	Target control value of annual release	5 2.4×10	5 13	6	17,181	0	228,771	150 About 298,500
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	-7 1.5×10	*3 N.D.			*7	
	Target control value of annual release	5 1.5×10	5 6.3	3	2,402	0	9,234	0 About 32,000
Tokyo Electric Power Co., Inc. Kashiwazaki · Kariwa Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	*3 N.D.				
	Target control value of annual release	4 4.3×10	4 2.1	1	696	0	696	0 About 15,000
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	-5 7.9×10	-3 1.5×10			*8	
	Target control value of annual release	4 7.5×10	4 5.9	2	401	0	28,938	1,100 About 42,000
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	Gross value of nuclear reactor facilities	*1 N.D.	*2 N.D.	-4 1.9×10			*9	
	Target control value of annual release	4 3.7×10	4 1.8	1	741	161	20,214	906 About 35,500

\* 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 1,708 drums transported from Toukai Electric Power Co.,Inc.

\* 5 This figure includes 888 drums transported from Toukai Electric Power Co.,Inc.

\* 6 The amount planned to be incinerated (3,000 drums) in this year is subtracted from this value.

\* 7 The amount planned to be incinerated (288 drums) in this year is subtracted from this value.

\* 8 The amount planned to be incinerated (2,257 drums) in this year is subtracted from this value.

\* 9 The amount planned to be incinerated (1,348 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 of drums)	Amount of generated drums (other kinds) (number of drums)	Amount of accumulated drums (other kinds) (corresponding to the number of drums)	
	0 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 3.7×10	-4 7.4×10	-4 6.0×10	505	370	*3 19,368	4,519	約 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 5.5×10	-4 5.7×10	-4 2.2×10	774	39	*4 25,020	*9 1,009	約 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 3.5×10	-4 1.6×10	-4 5.6×10	515	200	*5 14,039	*10 1,463	約 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	0 1.3×10	-6 *2 1.3×10	N.D.	1,986	256	*6 7,296	1,489	約 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 3.6×10	N.D.	*2 N.D.	2,118	116	*7 14,060	1,187	約 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	0 *1 1.8×10	N.D.	*2 N.D.	541	0	*8 590	17	約 17,000
	Target control value of annual release	4 4.4×10	1.7	2					

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

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

\* 3 The amount planned to be incinerated (21 drums) in this year is subtracted from this value.

\* 4 The amount planned to be incinerated (48 drums) in this year is subtracted from this value.

\* 5 The amount planned to be incinerated (4 drums) in this year is subtracted from this value.

\* 6 The amount planned to be incinerated (1,934 drums) in this year is subtracted from this value.

\* 7 The amount planned to be incinerated (1,315 drums) in this year is subtracted from this value.

\* 8 The amount planned to be incinerated (309 drums) in this year is subtracted from this value.

\* 9 The amount, which is reduced by compression (correspond to 933rums) is reduced from this value.

\* 10 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.