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

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

	Radioactive gaseous waste and liquid waste				Radioactive solid waste						
$\sim$		Radioactive g	gaseous waste	Radioactive	Amount of	Amount of	Amount of	Amount of Amount		ount of	
				liquid waste	generated	generated	generated	generated		nulated	
		Noble gas	Iodine	(excluding	drums	drums(oth		drums(oth	drums(o	othr kinds)	
		0	[ <sup>131</sup> I]	3H)		er kinds)	(other	er kinds)			
		(Ci)	(Ci)	(Ci)			kinds) ( correspo				
		(())	((()))	(())	( number	( number	nding to	( number	( corresponding to the number of drums )		
					of	of	the number	of			
The Name of Power station					drums)	drums)	of drums )	drums)			
The Name of Power station	Gross value of nuclear reactor	3	-5	-3			or urunis )		-		
Japan Atomic Power Company Co., Ltd Tokai Power Station	facilities	7.9×10	1.0×10	3.2×10	1,002 872		951	428			
	Target control value of annual	7.5×10	1.0~10	5.2~10		872			About	1,600	
	release	1.6×10	-	1		951	420	About	1,000		
	Gross value of nuclear reactor	*1	*2	-3							
Japan Atomic Power Company Co. , Ltd. Tokai Daini Power Station	facilities	N.D.	N.D.	3.6×10			*4 26,184	*5 4,868	About	73,000	
	Target control value of annual	4				392					
	release	3.9×10	1.6	1							
	Gross value of nuclear reactor	-2		-4							
Japan Atomic Power Company Co., Ltd.	facilities	6.8×10	1.1×10	6.8×10			*6				
Tsuruga Power Station	Target control value of annual	4			2,640	1,384	25,551	5,968	About	35,000	
	release	4.5×10	2.2	1							
	Gross value of nuclear reactor	*1	*2	*3							
Tohoku Electric Power Co., Inc Onagawa Nuclear Power Station	facilities	N.D.	N.D.	N.D.					ĺ		
	Target control value of annual	4			344	0	496	0	About	15,000	
	release	3.8×10	2.3	0.1							
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	Gross value of nuclear reactor	2	-2	-							
	facilities	4.8×10	1.3×10	2.5×10							
	Target control value of annual	5			25,343	0	211,590	150	About	298,500	
	release	2.4×10	13	6			-				
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station	Gross value of nuclear reactor	*1		*3	3,665		7,120	0	About	32,000	
	facilities	N.D.	5.3×10	N.D.		0					
	Target control value of annual release	5 1.5×10		2		0					
	Gross value of nuclear reactor		6.3 *2	3							
Tokyo Electric Power Co., Inc. Kashiwazaki • Kariwa Nuclear Power Statio	facilities	-3 3.8×10	2 N.D.	N.D.	0		0	0	About	15,000	
	Target control value of annual	3.8×10	N.D.	N.D.		0					
	release	4.3×10	2.1	1	0	0	0	0	ADOUT	15,000	
	Gross value of nuclear reactor	*1	-6				-				
Chubu Electric Power Co., Inc.	facilities	N.D.	7.0×10	1.9×10			*7				
Hamaoka Nuclear Power Station	Target control value of annual	4	/10/110	1,57,10	144	0	30,794	1,100	About	42,000	
	release	7.5×10	5.9	2				-,		,	
	Gross value of nuclear reactor	*1	*2	-4							
Chugoku Electric Power Co., Inc.	facilities	N.D.	N.D.	2.2×10			*8	*9			
Shimane Nuclear Power Station	Target control value of annual	4			1,019	207	20,821	745	About	35,500	
	release	3.7×10	1.8	1							

\*1 The lowest detection density limit is less than 5×10<sup>-7</sup> ( μCi / Cm<sup>3</sup> )
\*2 The lowest detection density limit is less than 2×10<sup>-13</sup> ( μCi / Cm<sup>3</sup> )
\*3 The lowest detection density limit is less than 5×10<sup>-7</sup> ( μCi / Cm<sup>3</sup> ) (represented by <sup>60</sup>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.

 $\star\,8$   $\,$  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 ( $\mathsf{PWR}$ )

	Radioactive gaseous waste and liquid waste				Radioactive solid waste						
		Radioactive gaseous waste		Radioactive	Amount of	Amount of	Amount of	Amount of	Amount of		
		0		liquid waste	generated	generated	generated	generated	accumu	ulated	
		Noble gas	Iodine	(excluding	drums	drums(oth	drums	drums(oth	drums(oth	nr kinds)	
		rtoble gus	[ <sup>131</sup> I]	3H)		er kinds)	(other	er kinds)			
					( number	( number	kinds)	( number	( aarraan	onding to	
		(Ci)	(Ci)	(Ci)	of	of	( correspo nding to	of	( corresponding to the number of drums )		
The Name of Power station		*1	*2	*3	drums )	drums )	the number	-			
The Hane of Fower station	Gross value of nuclear reactor	1	-3	-3	uruns y	uruns j	the number	uruns y	urum	3 )	
Kansai Electric Power Co., Inc. Mihama Power Station	facilities	5.0×10	2.4×10	1.0×10			*3				
	Target control value of annual	4	2.0.10	110/110	725	297	-	4,149	About	35,000	
	release	5.9×10	2	3	/20		10,001	.,	10001	55,000	
	Gross value of nuclear reactor	1	-5	-4							
Kansai Electric Power Co., Inc.	facilities	3.7×10	5.0×10	1.7×10							
Takahama Power Station	Target control value of annual	4			1,626	57	24,294	1,903	About	50,600	
	release	9.0×10	1.7	4							
	Gross value of nuclear reactor	1	-5	-4							
Kansai Electric Power Co., Inc.	facilities	5.1×10	1.4×10	5.0×10							
Ohi Power Station	Target control value of annual	4			673	87	13,528	1,262	About	18,900	
	release	7.3×10	2.2	2							
Shikoku Electric Power Co., Inc. Ikata Power Station	Gross value of nuclear reactor	1	-4	*2							
	facilities	1.3×10	9.1×10	N.D.			*4	*6			
	Target control value of annual	4			1,577	89	7,244	1,233	About	18,500	
	release	3.0×10	2	2							
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	Gross value of nuclear reactor	-	*1	*2							
	facilities	2.5×10	N.D.	N.D.			*5				
	Target control value of annual	4			1,777	88	13,257	1,071	About	19,000	
	release	3.0×10	2	2							
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station	Gross value of nuclear reactor		*1	*2							
	facilities	4.7×10	N.D.	N.D.							
	Target control value of annual	4			290	9	358	17	About	17,000	
	release	4.4×10	1.7	2							

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

\*2 The lowest detection density limit is less than  $5 \times 10.7$  ( $\mu$ Ci / Cm<sup>3</sup>) (represented by <sup>60</sup>Co)

\*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.
 \*5 The amount planned to be incinerated (3,000 drums) in this year is subtracted from this value.
 今年度焼却分(1,573本)を差し引いた量である。
 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.