

#### 4. Discharge Results of Tritium ( $^3\text{H}$ ) in Radioactive Liquid Waste by Fiscal Year

Power station	FY	1982	1983	1984	1985
Japan Atomic Power Company Co., Ltd. Tokai Power Station		$2.0 \times 10^{10}$ ( $5.5 \times 10^{-1}$ )	$7.4 \times 10^8$ ( $2.0 \times 10^{-2}$ )	$3.6 \times 10^9$ ( $9.7 \times 10^{-2}$ )	$3.1 \times 10^{10}$ ( $8.4 \times 10^{-1}$ )
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station		$3.7 \times 10^{11}$ ( $1.0 \times 10^1$ )	$4.4 \times 10^{11}$ ( $1.2 \times 10^1$ )	$4.8 \times 10^{11}$ ( $1.3 \times 10^1$ )	$5.9 \times 10^{11}$ ( $1.6 \times 10^1$ )
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station		$4.8 \times 10^{11}$ ( $1.3 \times 10^1$ )	$4.4 \times 10^{11}$ ( $1.2 \times 10^1$ )	$4.1 \times 10^{11}$ ( $1.1 \times 10^1$ )	$3.5 \times 10^{11}$ ( $9.5 \times 10^0$ )
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station			$6.3 \times 10^8$ ( $1.7 \times 10^{-2}$ )	$2.0 \times 10^{10}$ ( $5.5 \times 10^{-1}$ )	$2.4 \times 10^{10}$ ( $6.4 \times 10^{-1}$ )
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station		$2.0 \times 10^{12}$ ( $5.4 \times 10^1$ )	$2.0 \times 10^{12}$ ( $5.5 \times 10^1$ )	$3.7 \times 10^{12}$ ( $9.9 \times 10^1$ )	$4.1 \times 10^{12}$ ( $1.1 \times 10^2$ )
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station		$3.0 \times 10^{10}$ ( $8.0 \times 10^{-1}$ )	$4.1 \times 10^{11}$ ( $1.1 \times 10^1$ )	$1.7 \times 10^{11}$ ( $4.6 \times 10^0$ )	$4.1 \times 10^{11}$ ( $1.1 \times 10^1$ )
Tokyo Electric Power Co., Inc. Kashiwazaki-Kariwa Nuclear Power Station				$1.4 \times 10^9$ ( $3.9 \times 10^{-2}$ )	$4.4 \times 10^{10}$ ( $1.2 \times 10^0$ )
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station		$8.1 \times 10^{11}$ ( $2.2 \times 10^1$ )	$1.7 \times 10^{12}$ ( $4.5 \times 10^1$ )	$2.8 \times 10^{12}$ ( $7.6 \times 10^1$ )	$2.4 \times 10^{12}$ ( $6.4 \times 10^1$ )
Hokuriku Electric Power Co. Shika Nuclear Power Station					
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station		$2.2 \times 10^{11}$ ( $6.0 \times 10^0$ )	$1.9 \times 10^{11}$ ( $5.0 \times 10^0$ )	$1.3 \times 10^{11}$ ( $3.6 \times 10^0$ )	$3.1 \times 10^{11}$ ( $8.5 \times 10^0$ )
Hokkaido Electric Power Co., Inc. Tomari Power Station					
Kansai Electric Power Co., Inc. Mihama Power Station		$1.0 \times 10^{13}$ ( $2.7 \times 10^2$ )	$1.0 \times 10^{13}$ ( $2.7 \times 10^2$ )	$1.9 \times 10^{13}$ ( $5.0 \times 10^2$ )	$1.6 \times 10^{13}$ ( $4.4 \times 10^2$ )
Kansai Electric Power Co., Inc. Takahama Power Station		$1.4 \times 10^{13}$ ( $3.8 \times 10^2$ )	$1.6 \times 10^{13}$ ( $4.4 \times 10^2$ )	$2.1 \times 10^{13}$ ( $5.7 \times 10^2$ )	$3.7 \times 10^{13}$ ( $1.0 \times 10^3$ )
Kansai Electric Power Co., Inc. Ohi Power Station		$3.1 \times 10^{13}$ ( $8.4 \times 10^2$ )	$3.4 \times 10^{13}$ ( $9.1 \times 10^2$ )	$3.0 \times 10^{13}$ ( $8.2 \times 10^2$ )	$2.9 \times 10^{13}$ ( $7.9 \times 10^2$ )
Shikoku Electric Power Co., Inc. Ikata Power Station		$2.5 \times 10^{13}$ ( $6.8 \times 10^2$ )	$1.7 \times 10^{13}$ ( $4.5 \times 10^2$ )	$1.4 \times 10^{13}$ ( $3.9 \times 10^2$ )	$3.1 \times 10^{13}$ ( $8.4 \times 10^2$ )
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station		$2.0 \times 10^{13}$ ( $5.3 \times 10^2$ )	$1.9 \times 10^{13}$ ( $5.0 \times 10^2$ )	$2.3 \times 10^{13}$ ( $6.1 \times 10^2$ )	$2.1 \times 10^{13}$ ( $5.8 \times 10^2$ )
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station			$3.1 \times 10^{12}$ ( $8.5 \times 10^1$ )	$1.3 \times 10^{13}$ ( $3.6 \times 10^2$ )	$2.0 \times 10^{13}$ ( $5.4 \times 10^2$ )

Note: The numerical value before FY 1988 is conversion of the value reported in each curie into the unit of becquerel.

(Unit: becquerel. but, the curie in ( ))

1986	1987	1988	1989	1990	1991
$2.0 \times 10^8$ ( $5.3 \times 10^{-3}$ )	$2.2 \times 10^{10}$ ( $6.0 \times 10^{-1}$ )	$5.2 \times 10^7$ ( $1.4 \times 10^{-3}$ )	$5.2 \times 10^9$	$3.7 \times 10^7$	$1.4 \times 10^9$
$7.4 \times 10^{11}$ ( $2.0 \times 10^1$ )	$5.2 \times 10^{11}$ ( $1.4 \times 10^1$ )	$4.8 \times 10^{11}$ ( $1.3 \times 10^1$ )	$1.1 \times 10^{12}$	$9.8 \times 10^{11}$	$1.6 \times 10^{12}$
$5.9 \times 10^{12}$ ( $1.6 \times 10^2$ )	$2.4 \times 10^{13}$ ( $6.4 \times 10^2$ )	$4.4 \times 10^{12}$ ( $1.2 \times 10^2$ )	$1.2 \times 10^{13}$	$2.3 \times 10^{13}$	$3.1 \times 10^{13}$
$4.1 \times 10^{10}$ ( $1.1 \times 10^0$ )	$6.3 \times 10^{10}$ ( $1.7 \times 10^0$ )	$1.1 \times 10^{11}$ ( $2.9 \times 10^0$ )	$7.5 \times 10^{10}$	$6.8 \times 10^{10}$	$5.8 \times 10^{10}$
$3.4 \times 10^{12}$ ( $9.3 \times 10^1$ )	$2.3 \times 10^{12}$ ( $6.3 \times 10^1$ )	$2.6 \times 10^{12}$ ( $6.9 \times 10^1$ )	$2.6 \times 10^{12}$	$2.7 \times 10^{12}$	$2.4 \times 10^{12}$
$4.4 \times 10^{11}$ ( $1.2 \times 10^1$ )	$7.0 \times 10^{11}$ ( $1.9 \times 10^1$ )	$9.6 \times 10^{11}$ ( $2.6 \times 10^1$ )	$1.5 \times 10^{12}$	$1.1 \times 10^{12}$	$8.7 \times 10^{11}$
$1.6 \times 10^{10}$ ( $4.3 \times 10^{-1}$ )	$3.6 \times 10^{10}$ ( $9.6 \times 10^{-1}$ )	N.D.	$1.7 \times 10^{11}$	$1.5 \times 10^{11}$	$4.2 \times 10^{10}$
$1.7 \times 10^{12}$ ( $4.6 \times 10^1$ )	$1.7 \times 10^{12}$ ( $4.6 \times 10^1$ )	$1.5 \times 10^{12}$ ( $4.0 \times 10^1$ )	$1.3 \times 10^{12}$	$2.1 \times 10^{12}$	$1.3 \times 10^{12}$
$1.2 \times 10^{11}$ ( $3.2 \times 10^0$ )	$2.8 \times 10^{11}$ ( $7.7 \times 10^0$ )	$1.3 \times 10^{11}$ ( $3.6 \times 10^0$ )	$2.8 \times 10^{11}$	$4.3 \times 10^{11}$	$5.1 \times 10^{11}$
		$4.4 \times 10^{11}$ ( $1.2 \times 10^1$ )	$2.1 \times 10^{12}$	$1.6 \times 10^{13}$	$1.1 \times 10^{13}$
$2.2 \times 10^{12}$ ( $5.9 \times 10^2$ )	$2.4 \times 10^{13}$ ( $6.4 \times 10^2$ )	$2.1 \times 10^{13}$ ( $5.8 \times 10^2$ )	$1.3 \times 10^{13}$	$2.0 \times 10^{13}$	$1.3 \times 10^{13}$
$4.4 \times 10^{13}$ ( $1.2 \times 10^3$ )	$4.8 \times 10^{13}$ ( $1.3 \times 10^3$ )	$7.0 \times 10^{13}$ ( $1.9 \times 10^3$ )	$4.0 \times 10^{13}$	$3.5 \times 10^{13}$	$3.0 \times 10^{13}$
$4.1 \times 10^{13}$ ( $1.1 \times 10^3$ )	$3.3 \times 10^{13}$ ( $8.9 \times 10^2$ )	$3.0 \times 10^{13}$ ( $8.0 \times 10^2$ )	$2.6 \times 10^{13}$	$1.6 \times 10^{13}$	$2.0 \times 10^{13}$
$3.3 \times 10^{13}$ ( $8.8 \times 10^2$ )	$3.3 \times 10^{13}$ ( $9.0 \times 10^2$ )	$2.1 \times 10^{13}$ ( $5.7 \times 10^2$ )	$3.4 \times 10^{13}$	$3.3 \times 10^{13}$	$2.9 \times 10^{13}$
$3.2 \times 10^{13}$ ( $8.6 \times 10^2$ )	$2.9 \times 10^{13}$ ( $7.8 \times 10^2$ )	$1.7 \times 10^{13}$ ( $4.7 \times 10^2$ )	$2.6 \times 10^{13}$	$3.4 \times 10^{13}$	$2.6 \times 10^{13}$
$2.7 \times 10^{13}$ ( $7.3 \times 10^2$ )	$3.4 \times 10^{13}$ ( $9.1 \times 10^2$ )	$4.1 \times 10^{13}$ ( $1.1 \times 10^3$ )	$3.8 \times 10^{13}$	$3.7 \times 10^{13}$	$3.6 \times 10^{13}$