

[Reference] The Released Amount of Radioactive Gaseous Waste and Radioactive Solid Waste

1 . The Released Amount of Radioactive Noble Gas in Radioactive Gaseous Waste by Fiscal Year (unit : curie)

FY The Name of Power Station	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Japan Atomic Power Company Co., Ltd Tokai Power Station	7.6×10 ³	8.8×10 ³	8.0×10 ³	9.3×10 ³	1.0×10 ⁴	8.6×10 ³	8.5×10 ³	7.9×10 ³	7.6×10 ³	7.7×10 ³
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	N.D.	N.D.	N.D.	3.3×10 ⁰	2.1×10 ⁰	1.8×10 ⁰	N.D.	N.D.	N.D.	N.D.
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	2.0×10 ²	5.5×10 ²	1.5×10 ¹	5.0×10 ⁻¹	3.7×10 ⁰	5.6×10 ⁰	1.3×10 ⁰	6.8×10 ⁻²	4.4×10 ⁻²	2.4×10 ⁰
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station							N.D.	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	7.5×10 ³	1.3×10 ⁴	3.2×10 ³	3.0×10 ³	1.2×10 ³	1.4×10 ³	1.8×10 ³	4.8×10 ²	2.0×10 ¹	7.8×10 ⁰
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station					N.D.	1.1×10 ⁻²	1.5×10 ⁻¹	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc Kashiwazaki·Kariwa Nuclear Power Station								3.8×10 ⁻⁵	N.D.	N.D.
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Kansai Electric Power Co., Inc. Mihama Power Station	4.2×10 ²	1.5×10 ²	5.5×10 ¹	8.2×10 ²	8.4×10 ¹	2.9×10 ¹	6.4×10 ¹	5.0×10 ¹	3.7×10 ¹	3.9×10 ¹
Kansai Electric Power Co., Inc. Takahama Power Station	1.5×10 ²	1.4×10 ²	1.4×10 ²	2.1×10 ¹	2.6×10 ¹	7.9×10 ¹	1.0×10 ²	3.7×10 ¹	5.5×10 ¹	1.7×10 ¹
Kansai Electric Power Co., Inc. Ohi Power Station	3.1×10 ¹	2.5×10 ²	1.3×10 ²	3.6×10 ¹	7.1×10 ¹	5.9×10 ¹	4.6×10 ¹	5.1×10 ¹	3.5×10 ¹	1.0×10 ²
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Station	7.7×10 ¹	9.3×10 ¹	7.7×10 ¹	1.1×10 ²	5.3×10 ¹	1.7×10 ¹	2.7×10 ⁰	1.3×10 ¹	1.3×10 ⁰	5.0×10 ⁻¹
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Station	7.0×10 ¹	3.2×10 ¹	2.7×10 ¹	3.8×10 ¹	6.4×10 ¹	4.8×10 ¹	6.8×10 ¹	2.5×10 ¹	3.6×10 ¹	3.9×10 ¹
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Station							N.D.	4.7×10 ⁻¹	1.8×10 ⁰	1.1×10 ⁰

2 . The Released Amount of Radioactive Waste (excluding 3H) in Radioactive Liquid Waste by Fiscal Year (unit : curie)

The Name of Power Station	Year									
	1988	1978	1979	1980	1981	1982	1983	1984	1985	1986
Japan Atomic Power Company Co., Ltd Tokai Power Station	N.D.	⁻⁴ 1.1×10	⁻⁵ 9.7×10	⁻⁴ 1.2×10	⁻⁵ 6.8×10	⁻⁵ 1.9×10	⁻⁵ 5.6×10	⁻⁵ 1.0×10	⁻⁵ 4.6×10	* ⁻⁴ 4.2×10
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	N.D.	⁻⁴ 3.2×10	⁻⁴ 7.6×10	⁻³ 1.7×10	⁻⁴ 9.8×10	⁻⁴ 2.1×10	⁻⁴ 2.1×10	N.D.	N.D.	* ⁻⁴ 4.8×10
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	⁻³ 7.2×10	⁻³ 5.5×10	⁻³ 3.5×10	⁻⁴ 7.2×10	⁻⁴ 2.7×10	⁻⁴ 2.5×10	⁻⁴ 1.1×10	⁻⁵ 1.1×10	⁻⁶ 5.4×10	* ⁻³ 1.2×10
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station							N.D.	N.D.	N.D.	* ⁻⁴ 4.1×10
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	⁻¹ 1.2×10	⁻¹ 7.7×10	⁻¹ 1.5×10	⁻² 5.2×10	⁻² 5.8×10	⁻² 5.1×10	⁻² 3.5×10	⁻² 1.3×10	⁻³ 3.4×10	* ⁻² 1.0×10
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station					N.D.	N.D.	⁻⁴ 1.7×10	⁻⁵ 5.3×10	⁻⁷ 1.5×10	* ⁻³ 2.4×10
Tokyo Electric Power Co., Inc Kashiwazaki·Kariwa Nuclear Power Station								N.D.	N.D.	* ⁻³ 1.7×10
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	N.D.	N.D.	⁻⁴ 1.4×10	⁻⁴ 2.7×10	⁻⁴ 1.8×10	⁻⁴ 1.3×10	⁻⁴ 1.8×10	⁻⁶ 7.0×10	⁻⁵ 7.9×10	* ⁻³ 2.5×10
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	* ⁻⁴ 9.4×10
Kansai Electric Power Co., Inc. Mihama Power Station	⁻³ 3.3×10	⁻⁴ 9.5×10	⁻³ 1.0×10	⁻² 3.5×10	⁻³ 2.5×10	⁻³ 1.7×10	⁻⁴ 1.2×10	⁻³ 2.4×10	⁻⁴ 7.4×10	* ⁻³ 1.8×10
Kansai Electric Power Co., Inc. Takahama Power Station	⁻⁴ 5.0×10	⁻⁴ 3.8×10	⁻⁴ 3.5×10	⁻⁴ 2.1×10	⁻⁵ 3.9×10	⁻⁵ 9.2×10	⁻³ 2.4×10	⁻⁵ 5.0×10	⁻⁴ 5.7×10	* ⁻³ 3.0×10
Kansai Electric Power Co., Inc. Ohi Power Station	⁻⁵ 6.7×10	⁻³ 2.2×10	⁻³ 3.6×10	⁻⁴ 3.9×10	⁻³ 7.0×10	⁻³ 1.7×10	⁻⁴ 1.5×10	⁻⁵ 1.4×10	⁻⁴ 1.6×10	* ⁻³ 6.1×10
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Plant	⁻⁶ 1.6×10	⁻⁴ 7.7×10	N.D.	⁻⁴ 1.4×10	⁻⁴ 2.1×10	⁻⁵ 9.8×10	N.D.	⁻⁴ 9.1×10	⁻⁶ 1.3×10	* ⁻⁴ 9.1×10
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Plant	N.D.	N.D.	N.D.	N.D.	⁻⁵ 6.3×10	N.D.	⁻⁴ 1.5×10	N.D.	N.D.	* ⁻⁴ 2.3×10
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Plant							N.D.	N.D.	N.D.	* ⁻⁴ 3.0×10

*There is the influence of the accident at Chernobyl Nuclear Power Station in Soviet Union.

3 . The Released Amount of Radioactive Iodine (^{131}I) in Radioactive Liquid Waste by Fiscal Year

The Name of Power Station	Year									
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Japan Atomic Power Company Co., Ltd Tokai Power Station	7.5×10^{-2}	3.3×10^{-2}	1.1×10^{-2}	8.9×10^{-3}	4.4×10^{-3}	5.0×10^{-3}	3.8×10^{-3}	3.2×10^{-3}	2.8×10^{-3}	1.6×10^{-3}
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	8.4×10^{-3}	2.2×10^{-2}	1.2×10^{-2}	7.1×10^{-3}	6.8×10^{-3}	9.8×10^{-3}	6.8×10^{-3}	3.6×10^{-3}	3.4×10^{-3}	3.3×10^{-3}
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	7.4×10^{-2}	2.4×10^{-2}	1.3×10^{-2}	6.9×10^{-3}	3.7×10^{-3}	4.8×10^{-4}	7.8×10^{-4}	6.8×10^{-4}	5.2×10^{-4}	3.3×10^{-4}
Tohoku Electric Power Co., Inc. Onagawa Nuclear Power Station							N.D.	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	1.5×10^{-1}	9.8×10^{-2}	7.2×10^{-2}	4.3×10^{-2}	3.6×10^{-2}	1.1×10^{-2}	6.4×10^{-3}	2.5×10^{-3}	1.0×10^{-3}	2.7×10^{-4}
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station					N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tokyo Electric Power Co., Inc Kashiwazaki·Kariwa Nuclear Power Station								N.D.	N.D.	N.D.
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	2.6×10^{-1}	1.3×10^{-1}	1.3×10^{-1}	3.6×10^{-2}	1.4×10^{-2}	8.9×10^{-3}	2.8×10^{-3}	1.9×10^{-3}	1.5×10^{-3}	8.0×10^{-4}
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	1.6×10^{-3}	7.8×10^{-4}	8.2×10^{-4}	9.4×10^{-4}	5.9×10^{-4}	6.2×10^{-4}	5.0×10^{-4}	2.2×10^{-4}	1.9×10^{-4}	2.4×10^{-4}
Kansai Electric Power Co., Inc. Mihama Power Station	9.1×10^{-3}	8.2×10^{-3}	1.2×10^{-2}	3.7×10^{-3}	2.4×10^{-3}	2.3×10^{-3}	2.7×10^{-3}	1.0×10^{-3}	6.0×10^{-4}	4.0×10^{-4} *
Kansai Electric Power Co., Inc. Takahama Power Station	2.3×10^{-3}	1.9×10^{-3}	1.7×10^{-3}	1.3×10^{-3}	3.1×10^{-4}	1.9×10^{-4}	2.4×10^{-4}	1.7×10^{-4}	2.2×10^{-4}	3.6×10^{-4}
Kansai Electric Power Co., Inc. Ohi Power Station	4.9×10^{-4}	1.0×10^{-3}	1.7×10^{-3}	1.6×10^{-3}	5.0×10^{-3}	7.9×10^{-4}	6.0×10^{-4}	5.0×10^{-4}	5.6×10^{-4}	4.4×10^{-4}
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Plant	9.9×10^{-4}	1.3×10^{-3}	1.8×10^{-4}	2.7×10^{-4}	7.1×10^{-5}	N.D.	N.D.	N.D.	N.D.	N.D.
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Plant	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Plant							N.D.	N.D.	N.D.	N.D.

*There is the influence of the accident at Chernobyl Nuclear Power Station in Soviet Union.

4 . The Released Amount of Tritium in Radioactive Liquid Waste by Fiscal Year (unit : curie)

The Name of Power Station	Year									
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Japan Atomic Power Company Co., Ltd Tokai Power Station	3.6×10^{-3}	8.7×10^{-1}	2.1×10^{-2}	1.0×10^0	5.6×10^{-2}	5.5×10^{-1}	2.0×10^{-2}	9.7×10^{-2}	8.4×10^{-1}	5.3×10^{-3}
Japan Atomic Power Company Co., Ltd. Tokai Daini Power Station	7.0×10^{-2}	7.8×10^0	6.9×10^0	1.2×10^1	1.1×10^1	1.0×10^1	1.2×10^1	1.3×10^1	1.6×10^1	2.0×10^1
Japan Atomic Power Company Co., Ltd. Tsuruga Power Station	2.3×10^1	2.9×10^1	3.2×10^1	3.6×10^1	3.2×10^1	1.3×10^1	1.2×10^1	1.1×10^1	9.5×10^0	1.6×10^2
Tohoku Electric Power Co., Inc. Mekawa Nuclear Power Station							1.7×10^{-2}	5.5×10^{-1}	6.4×10^{-1}	1.1×10^0
Tokyo Electric Power Co., Inc. Fukushima Daiichi Nuclear Power Station	1.2×10^1	1.8×10^1	1.7×10^1	3.5×10^1	3.3×10^1	5.4×10^1	5.5×10^1	9.9×10^1	1.1×10^2	9.3×10^1
Tokyo Electric Power Co., Inc. Fukushima Daini Nuclear Power Station					3.2×10^{-1}	8.0×10^{-1}	1.1×10^1	4.6×10^0	1.1×10^1	1.2×10^1
Tokyo Electric Power Co., Inc Kashiwazaki·Kariwa Nuclear Power Station							3.9×10^{-2}	1.2×10^0	4.3×10^{-1}	
Chubu Electric Power Co., Inc. Hamaoka Nuclear Power Station	5.1×10^0	4.3×10^0	1.9×10^1	1.6×10^1	1.4×10^1	2.2×10^1	4.5×10^1	7.6×10^1	6.4×10^1	4.6×10^1
Chugoku Electric Power Co., Inc. Shimane Nuclear Power Station	5.0×10^0	4.9×10^0	4.4×10^0	6.6×10^0	5.0×10^0	6.0×10^0	5.0×10^0	3.6×10^0	8.5×10^0	3.2×10^0
Kansai Electric Power Co., Inc. Mihama Power Station	2.1×10^2	3.7×10^2	3.2×10^2	3.5×10^2	3.9×10^2	2.7×10^2	2.7×10^2	5.0×10^2	4.4×10^2	5.9×10^2
Kansai Electric Power Co., Inc. Takahama Power Station	3.0×10^2	4.6×10^2	3.0×10^2	2.9×10^2	3.7×10^2	3.8×10^2	4.4×10^2	5.7×10^2	1.0×10^3	1.2×10^3
Kansai Electric Power Co., Inc. Ohi Power Station	1.7×10^1	1.3×10^2	4.1×10^2	5.9×10^2	3.1×10^2	8.4×10^2	9.1×10^2	8.2×10^2	7.9×10^2	1.1×10^3
Shikoku Electric Power Co., Inc. Ikata Nuclear Power Plant	1.4×10^2	3.2×10^2	1.2×10^2	2.7×10^2	2.8×10^2	6.8×10^2	4.5×10^2	3.9×10^2	8.4×10^2	8.8×10^2
Kyushu Electric Power Co., Inc. Genkai Nuclear Power Plant	3.1×10^2	3.0×10^2	1.8×10^2	5.6×10^2	4.2×10^2	5.3×10^2	5.0×10^2	6.1×10^2	5.8×10^2	8.6×10^2
Kyushu Electric Power Co., Inc. Sendai Nuclear Power Plant							8.5×10^1	3.6×10^2	5.4×10^2	7.3×10^2

*The Value is after October, 1977.