

Reference document Discharge Results of Radioactive Gaseous Waste and Radioactive Liquid Waste by Fiscal Year at Nuclear Reactor Facilities for Practical Power Generation and Management Situations of Radioactive Solid Waste by Fiscal Year

1. Release Results of Radioactive Noble Gas in Radioactive Gaseous Waste by Fiscal Year

| Power station  | FY | 1988   | 1989                 | 1990                 | 1991                 |
|--|----|--|----------------------|----------------------|----------------------|
| Japan Atomic Power Company Co., Ltd.<br>Tokai Power Station                |    | $2.6 \times 10^{14}$<br>( $7.0 \times 10^3$ )    | $2.1 \times 10^{14}$ | $2.7 \times 10^{14}$ | $2.5 \times 10^{14}$ |
| Japan Atomic Power Company Co., Ltd.<br>Tokai Daini Power Station          |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Japan Atomic Power Company Co., Ltd.<br>Tsuruga Power Station              |    | $5.9 \times 10^9$<br>( $1.6 \times 10^{-1}$ )    | $8.9 \times 10^9$    | $1.0 \times 10^{10}$ | $1.0 \times 10^{10}$ |
| Tohoku Electric Power Co., Inc.<br>Onagawa Nuclear Power Station           |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Tokyo Electric Power Co., Inc.<br>Fukushima Daiichi Nuclear Power Station  |    | $4.1 \times 10^9$<br>( $1.1 \times 10^{-1}$ )    | N.D.                 | N.D.                 | N.D.                 |
| Tokyo Electric Power Co., Inc.<br>Fukushima Daini Nuclear Power Station    |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Tokyo Electric Power Co., Inc.<br>Kashiwazaki-Kariwa Nuclear Power Station |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Chubu Electric Power Co., Inc.<br>Hamaoka Nuclear Power Station            |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Hokuriku Electric Power Co.<br>Shika Nuclear Power Station                 |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Chugoku Electric Power Co., Inc.<br>Shimane Nuclear Power Station          |    | N.D.   | N.D.                 | N.D.                 | N.D.                 |
| Hokkaido Electric Power Co., Inc.<br>Tomari Power Station                  |    | N.D.   | $1.7 \times 10^8$    | $7.3 \times 10^8$    | $3.8 \times 10^9$    |
| Kansai Electric Power Co., Inc.<br>Mihama Power Station                    |    | $2.7 \times 10^{11}$<br>( $7.4 \times 10^0$ )    | $2.5 \times 10^{11}$ | $2.7 \times 10^{11}$ | $2.8 \times 10^{11}$ |
| Kansai Electric Power Co., Inc.<br>Takahama Power Station                  |    | $1.1 \times 10^{12}$<br>( $3.1 \times 10^1$ )    | $3.5 \times 10^{11}$ | $3.5 \times 10^{11}$ | $1.8 \times 10^{12}$ |
| Kansai Electric Power Co., Inc.<br>Ohi Power Station                       |    | $9.3 \times 10^{11}$<br>( $2.5 \times 10^1$ )    | $1.0 \times 10^{12}$ | $6.8 \times 10^{11}$ | $5.6 \times 10^{11}$ |
| Shikoku Electric Power Co., Inc.<br>Ikata Power Station                    |    | $6.3 \times 10^9$<br>( $1.7 \times 10^{-1}$ )    | $5.9 \times 10^9$    | $4.2 \times 10^9$    | $2.8 \times 10^{10}$ |
| Kyushu Electric Power Co., Inc.<br>Genkai Nuclear Power Station            |    | $1.1 \times 10^{12}$<br>( $2.9 \times 10^1$ )    | $6.9 \times 10^{11}$ | $6.5 \times 10^{11}$ | $5.2 \times 10^{11}$ |
| Kyushu Electric Power Co., Inc.<br>Sendai Nuclear Power Station            |    | $3.6 \times 10^{10}$<br>( $9.7 \times 10^{-1}$ ) | $4.0 \times 10^{10}$ | $5.9 \times 10^{10}$ | $3.2 \times 10^{10}$ |

Note) The numerical value before fiscal year 1988 is conversion of the value reported in each curie into the unit of becquerel.

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

| 1992                 | 1993                 | 1994                 | 1995                 | 1996                 | 1997                 |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| $3.0 \times 10^{14}$ | N.D.                 | $2.8 \times 10^{14}$ | $2.5 \times 10^{14}$ | $3.1 \times 10^{14}$ | $3.6 \times 10^{14}$ |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| $2.9 \times 10^9$    | $2.7 \times 10^9$    | $3.6 \times 10^9$    | $3.8 \times 10^8$    | $3.8 \times 10^9$    | $3.0 \times 10^9$    |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| N.D.                 | N.D.                 | $1.9 \times 10^{11}$ | N.D.                 | N.D.                 | N.D.                 |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 | N.D.                 |
| $1.6 \times 10^9$    | $1.7 \times 10^8$    | $4.1 \times 10^8$    | $2.5 \times 10^9$    | $3.0 \times 10^9$    | $2.4 \times 10^9$    |
| $1.1 \times 10^{12}$ | $2.0 \times 10^{11}$ | $1.1 \times 10^{11}$ | $1.6 \times 10^{11}$ | $1.9 \times 10^{11}$ | $1.9 \times 10^{11}$ |
| $4.4 \times 10^{11}$ | $6.2 \times 10^{11}$ | $2.0 \times 10^{11}$ | $2.1 \times 10^{11}$ | $3.3 \times 10^{11}$ | $3.7 \times 10^{11}$ |
| $5.3 \times 10^{11}$ | $4.7 \times 10^{11}$ | $6.0 \times 10^{11}$ | $5.1 \times 10^{11}$ | $4.3 \times 10^{11}$ | $4.3 \times 10^{11}$ |
| $4.8 \times 10^{11}$ | $7.2 \times 10^9$    | $5.7 \times 10^8$    | $1.1 \times 10^9$    | $4.5 \times 10^8$    | $6.0 \times 10^8$    |
| $3.7 \times 10^{11}$ | $2.3 \times 10^{11}$ | $1.7 \times 10^{11}$ | $1.3 \times 10^{11}$ | $8.5 \times 10^{10}$ | $6.6 \times 10^{10}$ |
| $3.8 \times 10^{10}$ | $3.0 \times 10^{10}$ | $3.2 \times 10^{10}$ | $3.9 \times 10^{10}$ | $3.7 \times 10^{10}$ | $3.4 \times 10^{10}$ |