

Reference document: Radiation Dosage at Commercial Nuclear Power Station

(1) Radiation Dosage of Japan Atomic Power Company Co., Ltd.'s Tokai Power Station

Item \ FY		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Number of personnel engaged in radiation work (number of personnel)	Employee	291	304	322	301	283	282	263	260	244	235
	Others	1,567	1,996	1,990	2,039	1,773	1,764	1,994	1,771	1,430	1,474
	Total	1,858	2,300	2,312	2,340	2,056	2,046	2,257	2,031	1,674	1,709
Collective dose (person-Sv)	Employee	9	9	12	15	11	7	7	8	0.07	0.07
	Others	64	68	70	125	129	84	100	78	0.59	0.51
	Total	73	77	82	140	140	91	107	85	0.66	0.56
Average individual dosage (mSv)	Employee	0.03	0.03	0.04	0.05	0.04	0.03	0.03	0.03	0.3	0.2
	Others	0.04	0.03	0.04	0.06	0.07	0.05	0.05	0.04	0.4	0.3
	Total	0.04	0.03	0.04	0.06	0.07	0.04	0.05	0.04	0.4	0.3
Number of reactors		1	1	1	1	1	1	1	1	1	1

Note 1: This is the amount of total dose line (man·rem) until fiscal year 1988.

Note 2: This is the amount of average dose line (man·rem) until fiscal year 1988.

(2) Radiation Dosage of Japan Atomic Power Company Co., Ltd.'s Tokai Daini Power Station

Item \ FY		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Number of personnel engaged in radiation work (number of personnel)	Employee	277	277	297	291	265	257	280	230	216	206
	Others	2,846	3,019	3,184	3,046	3,517	3,276	3,059	2,806	2,853	1,424
	Total	3,123	3,296	3,481	3,337	3,782	3,533	3,339	3,036	3,069	1,630
Collective dose (person-Sv)	Employee	38	43	47	44	32	30	30	34	0.23	0.11
	Others	431	601	692	766	745	612	597	556	5.93	0.79
	Total	469	644	739	810	777	642	627	590	6.16	0.89
Average individual dosage (mSv)	Employee	0.14	0.16	0.16	0.15	0.12	0.12	0.11	0.15	1.1	0.5
	Others	0.15	0.20	0.22	0.25	0.21	0.19	0.20	0.20	2.1	0.6
	Total	0.15	0.20	0.21	0.24	0.21	0.18	0.19	0.19	2.0	0.5
Number of reactors		1	1	1	1	1	1	1	1	1	1

Note 1: This is the amount of total dose line (man·rem) until fiscal year 1988.

Note 2: This is the amount of average dose line (man·rem) until fiscal year 1988.

(3) Radiation Dosage of Japan Atomic Power Company Co., Ltd.'s Tsuruga Power Station

Item \ FY		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Number of personnel engaged in radiation work (number of personnel)	Employee	234	232	225	227	235	383	339	292	276	265
	Others	3,998	3,128	2,678	3,609	2,865	4,437	4,471	4,468	3,461	3,423
	Total	4,232	3,360	2,903	3,836	3,100	4,820	4,810	4,760	3,737	3,688
Collective dose (person-Sv)	Employee	95	66	62	54	39	40	42	40	0.22	0.25
	Others	1,246	740	735	1,073	472	522	570	1,113	3.41	3.02
	Total	1,341	806	797	1,127	511	562	612	1,154	3.63	3.27
Average individual dosage (mSv)	Employee	0.41	0.29	0.27	0.24	0.17	0.10	0.12	0.14	0.8	1.0
	Others	0.31	0.24	0.27	0.30	0.16	0.12	0.13	0.25	1.0	0.9
	Total	0.32	0.24	0.27	0.29	0.16	0.12	0.13	0.24	1.0	0.9
Number of reactors		1	1	1	1	1	2	2	2	2	2

Note 1: This is the amount of total dose line (man·rem) until fiscal year 1988.

Note 2: This is the amount of average dose line (man·rem) until fiscal year 1988.

(4) Radiation Dosage of Tohoku Electric Power Co., Inc.'s Onagawa Nuclear Power Station

Item \ FY		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Number of personnel engaged in radiation work (number of personnel)	Employee	-	-	225	218	206	199	196	199	248	278
	Others	-	-	1,311	1,336	1,802	1,888	1,760	1,845	1,803	1,937
	Total	-	-	1,536	1,554	2,008	2,087	1,956	2,044	2,051	2,215
Collective dose (person-Sv)	Employee	-	-	1	3	5	5	3	4	0.05	0.04
	Others	-	-	9	6	62	64	49	52	1.04	0.76
	Total	-	-	10	9	67	69	53	56	1.09	0.80
Average individual dosage (mSv)	Employee	-	-	0.00	0.01	0.03	0.02	0.02	0.02	0.2	0.2
	Others	-	-	0.01	0.00	0.03	0.03	0.03	0.03	0.6	0.4
	Total	-	-	0.01	0.01	0.03	0.03	0.03	0.03	0.5	0.4
Number of reactors		-	-	1	1	1	1	1	1	1	1

Note 1: This is the amount of total dose line (man · rem) until fiscal year 1988.

Note 2: This is the amount of average dose line (man · rem) until fiscal year 1988.

(5) Radiation Dosage of Tokyo Electric Power Co., Ltd.'s Fukushima Daiichi Nuclear Power Station

Item \ FY		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Number of personnel engaged in radiation work (number of personnel)	Employee	891	1,033	945	846	882	806	673	658	663	700
	Others	9,501	9,148	8,893	9,260	10,098	10,827	10,054	8,474	9,442	8,516
	Total	10,392	10,181	9,838	10,106	10,980	11,633	10,727	9,132	10,105	9,216
Collective dose (person-Sv)	Employee	271	234	237	193	166	127	101	82	0.69	0.73
	Others	6,293	5,148	4,779	4,556	4,493	3,846	3,514	1,781	25.47	22.12
	Total	6,564	5,382	5,016	4,750	4,660	3,973	3,615	1,863	26.16	22.85
Average individual dosage (mSv)	Employee	0.30	0.23	0.25	0.23	0.19	0.16	0.15	0.12	1.0	1.0
	Others	0.66	0.56	0.54	0.49	0.44	0.36	0.35	0.21	2.7	2.6
	Total	0.63	0.53	0.51	0.47	0.42	0.34	0.34	0.20	2.6	2.5
Number of reactors		6	6	6	6	6	6	6	6	6	6

Note 1: This is the amount of total dose line (man·rem) until fiscal year 1988.

Note 2: This is the amount of average dose line (man·rem) until fiscal year 1988.