

(2) Nuclear Power Reactor Facilities at the Research and Development Stage

Facility	Category of Radiation Worker	No. of Radiation Workers (persons)					
		5 mSv or less	Greater than 5 mSv and no more than 10 mSv	Greater than 10 mSv and no more than 15 mSv	Greater than 15 mSv and no more than 20 mSv	Greater than 20 mSv and no more than 25 mSv	Greater than 25 mSv and no more than 30 mSv
Japan Atomic Energy Agency, Fugen Decommissioning Engineering Center	Employees	112	0	0	0	0	0
	Others	386	0	0	0	0	0
	Total	498	0	0	0	0	0
Japan Atomic Energy Agency, Sector of Fast Reactor Research and Development, Prototype Fast Breeder Reactor Monju	Employees	400	0	0	0	0	0
	Others	965	0	0	0	0	0
	Total	1,365	0	0	0	0	0
Grand total	Employees	512	0	0	0	0	0
	Others	1,351	0	0	0	0	0
	Total	1,863	0	0	0	0	0

No. of Radiation Workers (persons)						Collective Dose (person-Sv)	Average Individual Dose (mSv)	Maximum Individual Dose (mSv)
Greater than 30 mSv and no more than 35 mSv	Greater than 35 mSv and no more than 40 mSv	Greater than 40 mSv and no more than 45 mSv	Greater than 45 mSv and no more than 50 mSv	Greater than 50 mSv	Total			
0	0	0	0	0	112	0.01	0.1	1.9
0	0	0	0	0	386	0.02	0.0	2.5
0	0	0	0	0	498	0.03	0.1	2.5
0	0	0	0	0	400	0.00	0.0	0.0
0	0	0	0	0	965	0.00	0.0	0.0
0	0	0	0	0	1,365	0.00	0.0	0.0
0	0	0	0	0	512	0.01	0.0	1.9
0	0	0	0	0	1,351	0.02	0.0	2.5
0	0	0	0	0	1,863	0.03	0.0	2.5

(3) Fuel Fabrication Facilities

Facility	Category of Radiation Worker	No. of Radiation Workers (persons)					
		5 mSv or less	Greater than 5 mSv and no more than 10 mSv	Greater than 10 mSv and no more than 15 mSv	Greater than 15 mSv and no more than 20 mSv	Greater than 20 mSv and no more than 25 mSv	Greater than 25 mSv and no more than 30 mSv
Global Nuclear Fuel-Japan Co., Ltd.	Employees	300	0	0	0	0	0
	Others	217	0	0	0	0	0
	Total	517	0	0	0	0	0
Mitsubishi Nuclear Fuel Co., Ltd.	Employees	313	0	0	0	0	0
	Others	120	0	0	0	0	0
	Total	433	0	0	0	0	0
Nuclear Fuel Industries, Ltd., Tokai Works	Employees	219	0	0	0	0	0
	Others	66	0	0	0	0	0
	Total	285	0	0	0	0	0
Nuclear Fuel Industries, Ltd., Kumatori Works	Employees	177	0	0	0	0	0
	Others	82	0	0	0	0	0
	Total	259	0	0	0	0	0
Japan Atomic Energy Agency, Uranium Enrichment Demonstration Plant	Employees	69	0	0	0	0	0
	Others	117	0	0	0	0	0
	Total	186	0	0	0	0	0
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office (Uranium Enrichment Plant)	Employees	190	0	0	0	0	0
	Others	373	0	0	0	0	0
	Total	563	0	0	0	0	0
Grand Total	Employees	1,268	0	0	0	0	0
	Others	975	0	0	0	0	0
	Total	2,243	0	0	0	0	0

(4) Reprocessing Facilities

Facility	Category of Radiation worker	No. of Radiation Workers (persons)					
		5 mSv or less	Greater than 5 mSv and no more than 10 mSv	Greater than 10 mSv and no more than 15 mSv	Greater than 15 mSv and no more than 20 mSv	Greater than 20 mSv and no more than 25 mSv	Greater than 25 mSv and no more than 30 mSv
Japan Atomic Energy Agency, Reprocessing Facility	Employees	367	0	0	0	0	0
	Others	828	0	0	0	0	0
	Total	1,195	0	0	0	0	0
Japan Nuclear Fuel Ltd., Reprocessing Plant (Reprocessing Facility)	Employees	1,198	0	0	0	0	0
	Others	3,434	0	0	0	0	0
	Total	4,632	0	0	0	0	0
Grand Total	Employees	1,565	0	0	0	0	0
	Others	4,262	0	0	0	0	0
	Total	5,827	0	0	0	0	0

(5) Waste Disposal Facilities and Waste Management Facilities

Facility	Category of Radiation worker	No. of Radiation Workers (persons)					
		5 mSv or less	Greater than 5 mSv and no more than 10 mSv	Greater than 10 mSv and no more than 15 mSv	Greater than 15 mSv and no more than 20 mSv	Greater than 20 mSv and no more than 25 mSv	Greater than 25 mSv and no more than 30 mSv
Japan Nuclear Fuel Ltd., Enrichment and Disposal Office (Low-level Radioactive Waste Disposal Center)	Employees	81	0	0	0	0	0
	Others	221	0	0	0	0	0
	Total	302	0	0	0	0	0
Japan Nuclear Fuel Ltd., Reprocessing Plant (Waste Storage Facility)	Employees	195	0	0	0	0	0
	Others	756	0	0	0	0	0
	Total	951	0	0	0	0	0
Japan Atomic Energy Agency, Disposal Facility	Employees	/	/	/	/	/	/
	Others	/	/	/	/	/	/
	Total	/	/	/	/	/	/
Japan Atomic Energy Agency, Radioactive Waste Management Facility	Employees	33	0	0	0	0	0
	Others	170	0	0	0	0	0
	Total	203	0	0	0	0	0
Grand Total	Employees	309	0	0	0	0	0
	Others	1,147	0	0	0	0	0
	Total	1,456	0	0	0	0	0

No. of Radiation Workers (persons)						Collective dose (person-Sv)	Average Individual Dose (mSv)	Maximum Individual Dose (mSv)
Greater than 30 mSv and no more than 35 mSv	Greater than 35 mSv and no more than 40 mSv	Greater than 40 mSv and no more than 45 mSv	Greater than 45 mSv and no more than 50 mSv	Greater than 50 mSv	Total			
0	0	0	0	0	300	0.02	0.1	1.5
0	0	0	0	0	217	0.00	0.0	0.0
0	0	0	0	0	517	0.02	0.1	1.5
0	0	0	0	0	313	0.00	0.0	0.4
0	0	0	0	0	120	0.00	0.0	0.0
0	0	0	0	0	433	0.00	0.0	0.4
0	0	0	0	0	219	0.02	0.1	1.3
0	0	0	0	0	66	0.00	0.0	0.5
0	0	0	0	0	285	0.02	0.1	1.3
0	0	0	0	0	177	0.00	0.0	0.2
0	0	0	0	0	82	0.00	0.0	0.0
0	0	0	0	0	259	0.00	0.0	0.2
0	0	0	0	0	69	0.00	0.0	0.0
0	0	0	0	0	117	0.00	0.0	0.3
0	0	0	0	0	186	0.00	0.0	0.3
0	0	0	0	0	190	0.00	0.0	0.3
0	0	0	0	0	373	0.00	0.0	0.2
0	0	0	0	0	563	0.00	0.0	0.3
0	0	0	0	0	1,268	0.04	0.0	1.5
0	0	0	0	0	975	0.00	0.0	0.5
0	0	0	0	0	2,243	0.04	0.0	1.5

No. of Radiation Workers (persons)						Collective dose (person-Sv)	Average Individual Dose (mSv)	Maximum Individual Dose (mSv)
Greater than 30 mSv and no more than 35 mSv	Greater than 35 mSv and no more than 40 mSv	Greater than 40 mSv and no more than 45 mSv	Greater than 45 mSv and no more than 50 mSv	Greater than 50 mSv	Total			
0	0	0	0	0	367	0.04	0.1	4.2
0	0	0	0	0	828	0.08	0.1	4.7
0	0	0	0	0	1,195	0.12	0.1	4.7
0	0	0	0	0	1,198	0.01	0.0	0.9
0	0	0	0	0	3,434	0.13	0.0	4.1
0	0	0	0	0	4,632	0.14	0.0	4.1
0	0	0	0	0	1,565	0.05	0.0	4.2
0	0	0	0	0	4,262	0.21	0.0	4.7
0	0	0	0	0	5,827	0.26	0.0	4.7

No. of Radiation Workers (persons)						Collective dose (person-Sv)	Average Individual Dose (mSv)	Maximum Individual Dose (mSv)
Greater than 30 mSv and no more than 35 mSv	Greater than 35 mSv and no more than 40 mSv	Greater than 40 mSv and no more than 45 mSv	Greater than 45 mSv and no more than 50 mSv	Greater than 50 mSv	Total			
0	0	0	0	0	81	0.00	0.0	0.0
0	0	0	0	0	221	0.00	0.0	0.0
0	0	0	0	0	302	0.00	0.0	0.0
0	0	0	0	0	195	0.00	0.0	0.1
0	0	0	0	0	756	0.00	0.0	0.0
0	0	0	0	0	951	0.00	0.0	0.1
/	/	/	/	/	/	/	/	/
0	0	0	0	0	33	0.00	0.0	0.0
0	0	0	0	0	170	0.00	0.0	0.4
0	0	0	0	0	203	0.00	0.0	0.4
0	0	0	0	0	309	0.00	0.0	0.1
0	0	0	0	0	1,147	0.00	0.0	0.4
0	0	0	0	0	1,456	0.00	0.0	0.4

**Table 9 Radiation Dose of Radiation Workers in FY2014
(Nuclear Reactor Facilities for Test and Research, etc.)**

Site Name / Category			Dose Distribution for Radiation Workers (persons)						FY2014			FY2013			
			5 mSv or less	Greater than 5 mSv and no more than 15 mSv	Greater than 15 mSv and no more than 20 mSv	Greater than 20 mSv and no more than 25 mSv	Greater than 25 mSv and no more than 50 mSv	Greater than 50 mSv	No. of Radiation Workers (persons)	Collective Dose (person-mSv)	Average Individual Dose (mSv)	No. of Radiation Workers (persons)	Collective Dose (person-mSv)	Average Individual Dose (mSv)	
Japan Atomic Energy Agency	Nuclear Science Research Institute	Employees	330	0	0	0	0	0	330	3	0.0	331	2	0.0	*2
		Others	729	0	0	0	0	0	729	13	0.0	868	26	0.0	
		Total	1,059	0	0	0	0	0	1,059	16	0.0	1,199	28	0.0	
	Oarai Research and Development Center (North Area)	Employees	119	0	0	0	0	0	119	0	0.0	124	0	0.0	*2
		Others	378	0	0	0	0	0	378	0	0.0	415	0	0.0	
		Total	497	0	0	0	0	0	497	0	0.0	539	0	0.0	
Oarai Research and Development Center (South Area)	Employees	113	0	0	0	0	0	113	2	0.0	108	2	0.0	*2	
	Others	429	0	0	0	0	0	429	15	0.0	343	50	0.1		
	Total	542	0	0	0	0	0	542	17	0.0	451	52	0.1		
Aomori Research and Development Center, Mutsu Office	Employees	23	0	0	0	0	0	23	0	0.0	19	0	0.0		
	Others	32	0	0	0	0	0	32	0	0.0	44	0	0.0		
	Total	55	0	0	0	0	0	55	0	0.0	63	0	0.0		
The University of Tokyo, Graduate School of Engineering, Nuclear Professional School	Employees	57	0	0	0	0	0	57	3	0.0	53	4	0.1	*3	
	Others	-	-	-	-	-	-	-	-	-	-	-	-		
	Total	57	0	0	0	0	0	57	3	0.0	53	4	0.1		
Kyoto University, Research Reactor Institute	Employees	187	1	0	0	0	0	188	19	0.1	180	11	0.1	*3	
	Others	276	0	0	0	0	0	276	0	0.0	367	0	0.0		
	Total	463	1	0	0	0	0	464	20	0.0	547	11	0.0		
Rikkyo University, Institute for Atomic Energy	Employees	4	0	0	0	0	0	4	0	0.0	4	0	0.0		
	Others	6	0	0	0	0	0	6	0	0.0	28	0	0.0		
	Total	10	0	0	0	0	0	10	0	0.0	32	0	0.0		
Tokyo City University, Atomic Energy Research Laboratory	Employees	9	0	0	0	0	0	9	0	0.0	11	0	0.0		
	Others	-	-	-	-	-	-	-	-	-	-	-	-		
	Total	9	0	0	0	0	0	9	0	0.0	11	0	0.0		
Kinki University, Atomic Energy Research Institute	Employees	43 {24}	0	0	0	0	0	43 {24}	0	0.0	48 {28}	0	0.0	*4	
	Others	3	0	0	0	0	0	3	0	0.0	3	0	0.0		
	Total	46 {24}	0	0	0	0	0	46 {24}	0	0.0	51 {28}	0	0.0		
Toshiba Corporation	Research Reactor Center	Employees	20	0	0	0	0	0	20	0	0.0	18	0	0.0	
		Others	36	0	0	0	0	0	36	0	0.0	37	0	0.0	
		Total	56	0	0	0	0	0	56	0	0.0	55	0	0.0	
Nuclear Engineering Laboratory	Employees	22	0	0	0	0	0	22	1	0.0	21	0	0.0	*3	
	Others	36	0	0	0	0	0	36	0	0.0	46	0	0.0		
	Total	58	0	0	0	0	0	58	1	0.0	67	0	0.0		
Hitachi, Ltd., Ozenji Hitachi Training Reactor Center	Employees	4	0	0	0	0	0	4	0	0.0	4	0	0.0		
	Others	2	0	0	0	0	0	2	0	0.0	8	0	0.0		
	Total	6	0	0	0	0	0	6	0	0.0	12	0	0.0		
Subtotal	Employees	931	1	0	0	0	0	932	28	0.0	921	19	0.0		
	Others	1,927	0	0	0	0	0	1,927	28	0.0	2,159	76	0.0		
	Total	2,858	1	0	0	0	0	2,859	56	0.0	3,080	95	0.0		

*1: "-" in the "Dose Distribution for Radiation Workers" column indicates there were no applicable radiation workers.

*2: Among radiation workers at the Nuclear Science Research Institute, Tokai Research and Development Center, Japan Atomic Energy Agency (JAEA), the JAEA Oarai Research and Development Center (North Area), and the JAEA Oarai Research and Development Center (South Area), those categorized as radiation workers for both reactor facilities in test and research, etc. and nuclear fuel material use facilities are counted as radiation workers in reactor facilities in test and research, etc.

*3: Among radiation workers at the Nuclear Professional School, Graduate School of Engineering, the University of Tokyo, the Research Reactor Institute, Kyoto University, and the Nuclear Engineering Laboratory, Toshiba Corporation, those categorized as radiation workers for both reactor facilities in test and research, etc. and nuclear fuel material use facilities are counted as radiation workers for both reactor facilities in test and research, etc. and nuclear fuel material use facilities, respectively (doubly counted).

*4: Figures in curly brackets { } for the Atomic Energy Research Institute, Kinki University indicate the number of students of Kinki University's Faculty of Science and Engineering who use the reactor facility for graduate research.

(Note) This table has been prepared as follows (the same applies to Tables 2 through 4).

(1) "Employees" indicates employees of the relevant facility; "others" indicates contractors, etc.

(2) "Collective dose" was counted after rounding off each dose to the first decimal place. "0" indicates less than 0.5 person-mSv.

(3) "Average dose" was counted after rounding each dose to the second decimal place. "0.0" indicates less than 0.05 mSv.

**Table 11 Radiation Dose of Radiation Workers in FY2014
(Nuclear Fuel Material Use Facilities)**

Site Name / Category			Dose Distribution for Radiation Workers (persons)						FY2014			FY2013		
			5 mSv or less	Greater than 5 mSv and no more than 15 mSv	Greater than 15 mSv and no more than 20 mSv	Greater than 20 mSv and no more than 25 mSv	Greater than 25 mSv and no more than 50 mSv	Greater than 50 mSv	No. of Radiation Workers (persons)	Collective Dose (persons-mSv)	Average Individual Dose (mSv)	No. of Radiation Workers (persons)	Collective Dose (persons-mSv)	Average Individual Dose (mSv)
Japan Atomic Energy Agency	Nuclear Science Research Institute	Employees	136	0	0	0	0	136	5	0.0	149	3	0.0	
		Others	332	0	0	0	0	332	23	0.1	333	22	0.1	
		Total	468	0	0	0	0	468	28	0.1	482	25	0.1	
	Nuclear Fuel Cycle Engineering Laboratories	Employees	384	0	0	0	0	384	24	0.1	391	21	0.1	
		Others	1,221	1	0	0	0	1,222	270	0.2	1,107	222	0.2	
		Total	1,605	1	0	0	0	1,606	294	0.2	1,498	243	0.2	
	Oarai Research and Development Center (North Area)	Employees	79	0	0	0	0	79	0	0.0	89	0	0.0	
		Others	252	0	0	0	0	252	2	0.0	224	1	0.0	
		Total	331	0	0	0	0	331	2	0.0	313	1	0.0	
	Oarai Research and Development Center (South Area)	Employees	68	0	0	0	0	68	7	0.1	71	17	0.2	
Others		270	0	0	0	0	270	8	0.0	243	60	0.2		
Total		338	0	0	0	0	338	15	0.0	314	77	0.2		
Ningyo-toge Environmental Engineering Center	Employees	74	0	0	0	0	74	0	0.0	76	0	0.0		
	Others	211	0	0	0	0	211	1	0.0	201	1	0.0		
	Total	285	0	0	0	0	285	1	0.0	277	1	0.0		
The University of Tokyo, Graduate School of Engineering, Nuclear Professional School	Employees	(57)	(0)	(0)	(0)	(0)	(57)	(3)	(0.0)	(53)	(4)	(0.1)		
	Others	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)		
	Total	(57)	(0)	(0)	(0)	(0)	(57)	(3)	(0.0)	(53)	(4)	(0.1)		
Kyoto University, Research Reactor Institute	Employees	(24)	(1)	(0)	(0)	(0)	(25)	(8.1)	(0.33)	(24)	(1)	(0.0)		
	Others	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)		
	Total	(24)	(1)	(0)	(0)	(0)	(25)	(8.1)	(0.33)	(24)	(1)	(0.0)		
National Institute of Radiological Sciences	Employees	112	0	0	0	0	112	0	0.0	115	1	0.0		
	Others	121	0	0	0	0	121	0	0.0	218	0	0.0		
	Total	233	0	0	0	0	233	1	0.0	333	1	0.0		
National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2	Employees	15	0	0	0	0	15	0	0.0	14	0	0.0		
	Others	4	0	0	0	0	4	0	0.0	0	0	0.0		
	Total	19	0	0	0	0	19	0	0.0	14	0	0.0		
Nuclear Material Control Center	Tokai Safeguards Center	Employees	52	0	0	0	0	52	6	0.1	52	7	0.1	
		Others	60	0	0	0	0	60	0	0.0	57	0	0.0	
		Total	112	0	0	0	0	112	6	0.1	109	7	0.1	
	Rokkasho Safeguards Center	Employees	38	0	0	0	0	38	0	0.0	37	0	0.0	
		Others	169	0	0	0	0	169	0	0.0	155	0	0.0	
		Total	207	0	0	0	0	207	0	0.0	192	0	0.0	
Nuclear Fuel Industries, Ltd., Tokai Works	Employees	219	0	0	0	0	219	21	0.1	230	35	0.2		
	Others	66	0	0	0	0	66	1	0.0	158	1	0.0		
	Total	285	0	0	0	0	285	22	0.1	388	35	0.1		
Nippon Nuclear Fuel Development Co., Ltd.	Employees	50	0	0	0	0	50	20	0.4	54	22	0.4		
	Others	123	0	0	0	0	123	42	0.3	139	57	0.4		
	Total	173	0	0	0	0	173	62	0.4	193	79	0.4		
Nuclear Development Corporation	Employees	45	0	0	0	0	45	3	0.1	48	17	0.4		
	Others	125	0	0	0	0	125	14	0.1	98	25	0.3		
	Total	170	0	0	0	0	170	17	0.1	146	42	0.3		
Toshiba Corporation, Nuclear Engineering Laboratory	Employees	16	0	0	0	0	16	0	0.0	16	0	0.0		
	Others	30	0	0	0	0	30	0	0.0	37	0	0.0		
	Total	46	0	0	0	0	46	0	0.0	53	0	0.0		
Subtotal	Employees	1,288	0	0	0	0	1,288	86	0.1	1,342	122	0.1		
	Others	2,984	1	0	0	0	2,985	361	0.1	2,970	389	0.1		
	Total	4,272	1	0	0	0	4,273	447	0.1	4,312	510	0.1		

*1: "-" in the "Dose Distribution for Radiation Workers" column indicates there were no applicable radiation workers.

*2: Among radiation workers at the Nuclear Science Research Institute, Japan Atomic Energy Agency (JAEA), the JAEA Oarai Research and Development Center (North Area), and the JAEA Oarai Research and Development Center (South Area), those working in facilities that are also subject to regulation as reactor facilities in test and research, etc. from among nuclear fuel material use facilities categorized as specified in Article 41 of the Cabinet Order for the Act on the Regulation of Nuclear Source Material, Nuclear Fuel Material, and Nuclear Reactors are excluded.

*3: All radiation workers in the Nuclear Professional School, Graduate School of Engineering, the University of Tokyo are excluded from the subtotal because they engage in radiation work both at the reactor facility in test and research, etc. and the nuclear fuel material use facility.

*4: All radiation workers in nuclear fuel material use facility at the Research Reactor Institute, Kyoto University are excluded from the subtotal because they also engage in radiation work at the reactor facilities in test and research, etc.

*5: Tokai Works, Nuclear Fuel Industries, Ltd. is also categorized as a fuel manufacturing facility, so all radiation workers there are deemed to be radiation workers both at the nuclear fuel material use facility and the fuel manufacturing facility.