

Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 March 19, 2011

Ministry of Education, Culture, Sports, Science

1. Monitoring Outputs by MEXT (reverse chronological order) *Boldface and underlined readings are new.

* 1 measured by Geiger-Müller counter

* 2 measured by ionization chamber type survey

* 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【1】 (About 60KmNorth/West)	2011/3/19 7:03	7.2 *2	No rain	MEXT
Reading Point 【2】 (About 55KmNorth/West)	2011/3/19 9:51	16.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
<u>Monitoring Point 【2】 (About 55KmNorth/West)</u>	<u>2011/3/19 15:00</u>	<u>12.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
Reading Point 【3】 (About 45KmNorth/West)	2011/3/19 10:18	10.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
<u>Monitoring Point 【3】 (About 45KmNorth/West)</u>	<u>2011/3/19 14:31</u>	<u>10.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
Reading Point 【4】 (About 50KmNorth/West)	2011/3/19 9:52	2.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【5】 (About 45KmNorth)	2011/3/19 10:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【5】 (約45KmNorth)	2011/3/19 11:50	3.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
<u>Monitoring Point 【5】 (About 45KmNorth)</u>	<u>2011/3/19 12:50</u>	<u>3.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
Reading Point 【6】 (About 45KmNorth)	2011/3/19 11:10	6.5 *2	No rain	JAEA (Japan Atomic Energy Agency)
<u>Monitoring Point 【6】 (About 45KmNorth)</u>	<u>2011/3/19 12:10</u>	<u>5.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
<u>Monitoring Point 【6】 (About 45KmNorth)</u>	<u>2011/3/19 13:10</u>	<u>4.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
Reading Point 【7】 (About 45KmNorth)	2011/3/19 11:16	5.0 *2	No rain	JAEA (Japan Atomic Energy Agency)
<u>Monitoring Point 【7】 (About 45KmNorth)</u>	<u>2011/3/19 12:16</u>	<u>4.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
<u>Monitoring Point 【7】 (About 45KmNorth)</u>	<u>2011/3/19 13:16</u>	<u>3.0 *2</u>	<u>No rain</u>	<u>JAEA (Japan Atomic Energy Agency)</u>
Reading Point 【10】 (About 40KmNorth/West)	2011/3/19 10:07	2.4 *2	No rain	NUSTEC (Nuclear Safety Technology Center)

- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey
- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Reading Point 【11】 (About40KmNorth/West)	2011/3/19 10:25	3.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【11】 (About40KmNorth/West)</u>	<u>2011/3/19 14:55</u>	<u>4.2 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【12】 (About40KmWest)	2011/3/19 11:04	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Reading Point 【13】 (About40KmWest)	2011/3/19 11:14	0.7 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【13】 (About40KmWest)</u>	<u>2011/3/19 12:14</u>	<u>0.7 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
<u>Monitoring Point 【13】 (About40KmWest)</u>	<u>2011/3/19 13:14</u>	<u>0.7 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【14】 (About35KmWest)	2011/3/19 11:30	0.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【14】 (About35KmWest)</u>	<u>2011/3/19 12:30</u>	<u>0.5 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
<u>Monitoring Point 【14】 (About35KmWest)</u>	<u>2011/3/19 13:30</u>	<u>0.7 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【15】 (About35KmWest)	2011/3/19 11:46	1.3 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【15】 (About35KmWest)</u>	<u>2011/3/19 12:46</u>	<u>1.4 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
<u>Monitoring Point 【15】 (About35KmWest)</u>	<u>2011/3/19 13:46</u>	<u>1.7 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【20】 (About45KmNorth/West)	2011/3/19 10:50	0.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【20】 (About45KmNorth/West)</u>	<u>2011/3/19 14:34</u>	<u>1.8 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【21】 (About30KmWest/North/West)	2011/3/19 11:12	6.0 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【21】 (About30KmWest/North/West)</u>	<u>2011/3/19 12:12</u>	<u>5.8 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
<u>Monitoring Point 【21】 (About30KmWest/North/West)</u>	<u>2011/3/19 13:12</u>	<u>5.8 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【22】 (About35KmWest/Norh/West)	2011/3/19 11:30	1.5 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
<u>Monitoring Point 【22】 (About35KmWest/North/West)</u>	<u>2011/3/19 12:30</u>	<u>1.4 *2</u>	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>

- * 1 measured by Geiger-Müller counter
- * 2 measured by ionization chamber type survey
- * 3 measured by NaI scintillator detector

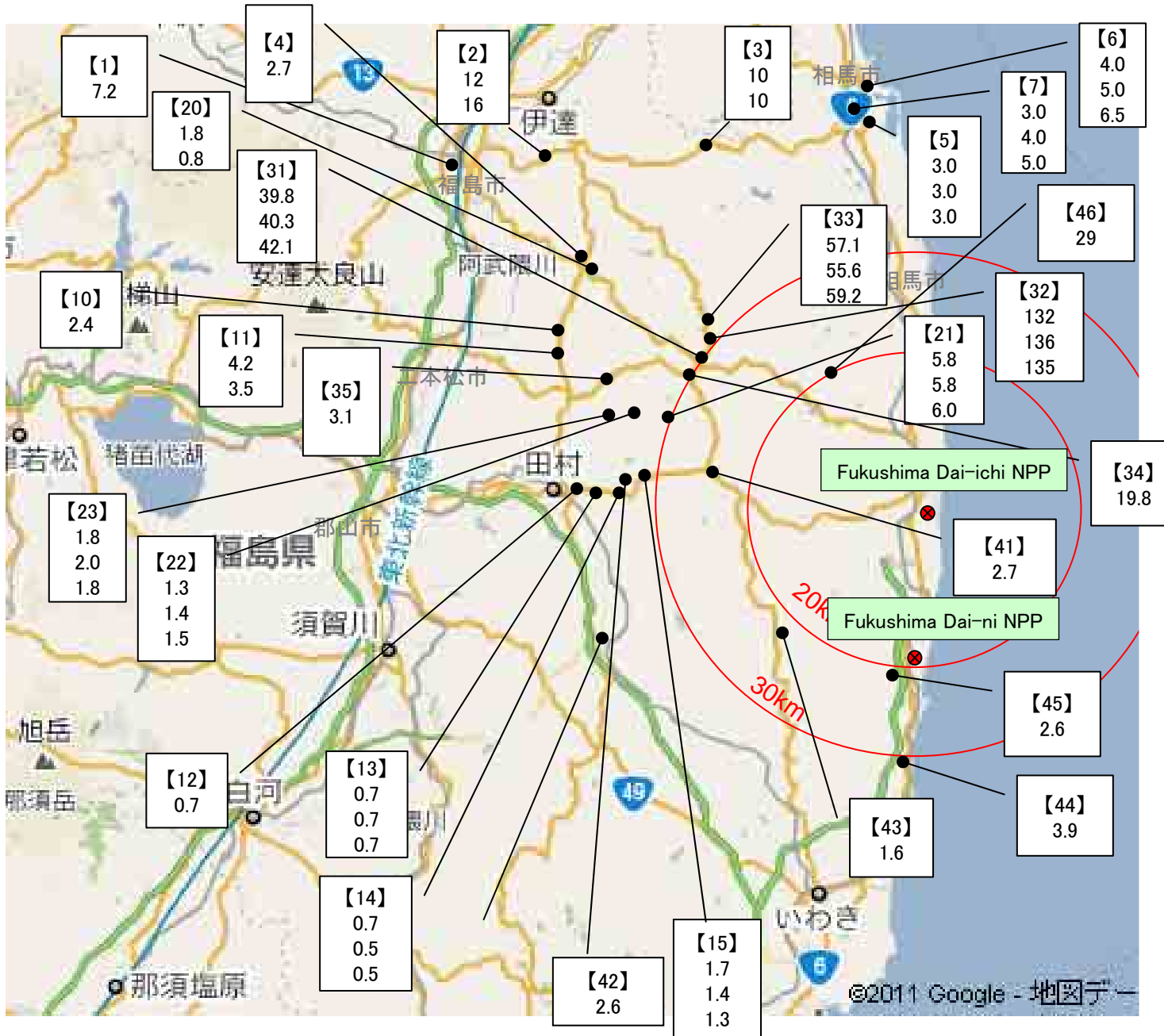
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Monitoring Point 【22】 (About35KmWest/North/West)	<u>2011/3/19 13:30</u>	<u>1.3</u> *2	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【23】 (About35KmWest/North/West)	2011/3/19 11:44	1.8 *2	No rain	NUSTEC (Nuclear Safety Technology Center)
Monitoring Point 【23】 (About35KmWest/North/West)	<u>2011/3/19 12:44</u>	<u>2.0</u> *2	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Monitoring Point 【23】 (About35KmWest/North/West)	<u>2011/3/19 13:44</u>	<u>1.8</u> *2	<u>No rain</u>	<u>NUSTEC (Nuclear Safety Technology Center)</u>
Reading Point 【31】 (About30KmWest/North/West)	2011/3/19 9:09	42.1 *2	No rain	MEXT
Reading Point 【31】 (About30KmWest/North/West)	2011/3/19 10:09	40.3 *2	No rain	MEXT
Reading Point 【31】 (About30KmWest/North/West)	2011/3/19 11:09	39.8 *2	No rain	MEXT
Reading Point 【32】 (About30KmNorth/West)	2011/3/19 9:20	135.0 *2	No rain	MEXT
Reading Point 【32】 (About30KmNorth/West)	2011/3/19 10:20	136.0 *2	No rain	MEXT
Reading Point 【32】 (About30KmNorth/West)	2011/3/19 11:20	132.0 *2	No rain	MEXT
Reading Point 【33】 (About 30KmNorth/West)	2011/3/19 9:35	59.2 *2	No rain	MEXT
Reading Point 【33】 (About 30Km North/West)	2011/3/19 10:35	55.6 *2	No rain	MEXT
Reading Point 【33】 (About 30KmNoth/West)	2011/3/19 11:35	57.1 *2	No rain	MEXT
Reading Point 【34】 (About 30KmNorth/West)	2011/3/19 11:56	19.8 *2	No rain	MEXT
Monitoring Point 【35】 (About 30Km South)	<u>2011/3/19 12:13</u>	<u>3.1</u> *2	<u>No rain</u>	<u>MEXT</u>
Monitoring Point 【41】 (About 20KmWest)	<u>2011/3/19 11:15</u>	<u>2.7</u> *2	<u>No rain</u>	<u>Kansai Electric Power Co., Inc.</u>
Monitoring Point 【42】 (About 30KmWest)	<u>2011/3/19 11:18</u>	<u>2.6</u> *2	<u>No rain</u>	<u>Kansai Electric Power Co., Inc.</u>
Monitoring Point 【43】 (About 20KmSouth/West)	<u>2011/3/19 11:00</u>	<u>1.6</u> *2	<u>No rain</u>	<u>JNFL(Japan Nuclear Fuel Ltd.)</u>
Monitoring Point 【44】 (約30KmSouth)	<u>2011/3/19 11:22</u>	<u>3.9</u> *2	<u>No rain</u>	<u>Kyushu Electric Power Co., Inc.</u>

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 * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv / h)	Weather	Reading by
Monitoring Point 【45】 (約20KmSouth)	<u>2011/3/19 11:15</u>	<u>2.6</u> *2	<u>No rain</u>	<u>Shikoku Electric Power Co., Inc.</u>
Monitoring Point 【46】 (約20KmNorth/West)	<u>2011/3/19 11:40</u>	<u>29.0</u> *2	<u>No rain</u>	<u>Chubu Electric Power Co., Inc.</u>

2. Under construction, Reading by Ministry of Defense

Readings at Monitoring Post out of Fukushima Dai-ichi NPP



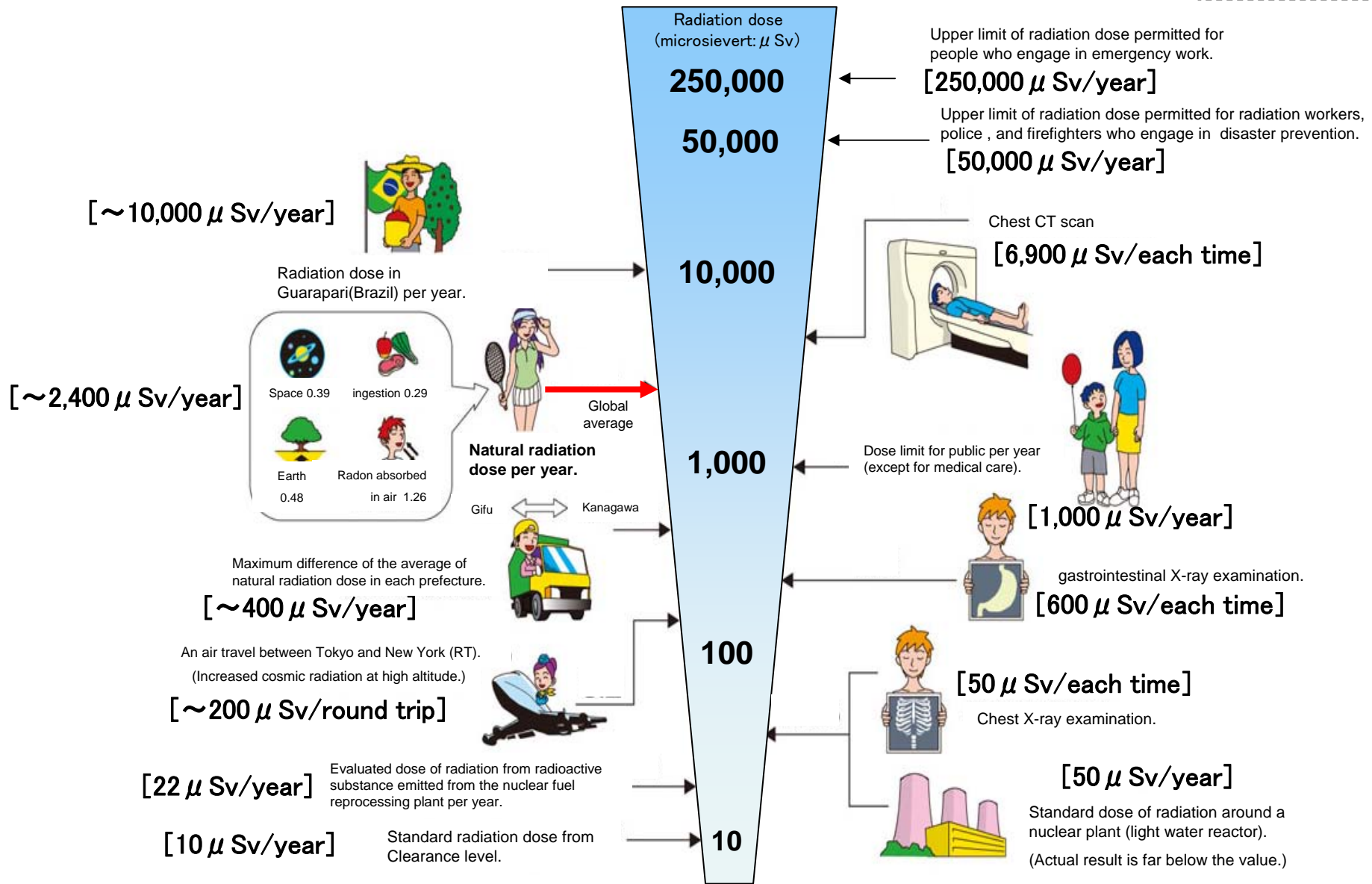
Monitoring Time
 March 19,
 7:03~15:00

● Monitoring Post

Unit: μ Sv per hour

Radiation in Daily-life

※Unit : μSv



(Ref) Average dose rate at the monitoring post of Tokyo (3/17 9:00~3/18 9:00, March) : $0.050 \mu\text{Sv}/\text{h} = 438 \mu\text{Sv}/\text{y}$